

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141358.D
 Acq On : 01 Feb 2025 03:11
 Operator : RC/JU
 Sample : Q1244-01 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-01302025

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141358.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.387	553	560	562	rBV2	28231	48722	1.12%	0.089%
2	5.422	562	566	575	rVB	570379	772555	17.76%	1.409%
3	5.704	610	614	626	rVB	93822	126388	2.91%	0.230%
4	5.957	650	657	661	rVB4	27730	48710	1.12%	0.089%
5	6.051	668	673	679	rBV2	94439	161410	3.71%	0.294%
6	6.240	699	705	708	rBV	60007	103363	2.38%	0.188%
7	6.298	709	715	717	rVV2	83510	113094	2.60%	0.206%
8	6.328	717	720	727	rVB2	212469	330507	7.60%	0.603%
9	6.393	727	731	736	rBV2	143049	202441	4.65%	0.369%
10	6.446	736	740	745	rBV	476177	696137	16.00%	1.269%
11	6.546	752	757	761	rBV4	85896	188816	4.34%	0.344%
12	6.640	766	773	779	rVB2	1212231	1856696	42.69%	3.386%
13	6.763	779	794	796	rBV7	109937	320009	7.36%	0.584%
14	6.804	796	801	807	rVB3	542808	1031959	23.73%	1.882%
15	6.857	807	810	814	rVB	231764	261930	6.02%	0.478%
16	6.916	817	820	822	rVV2	57015	55695	1.28%	0.102%
17	6.945	822	825	830	rVV3	236355	307725	7.07%	0.561%
18	7.034	836	840	841	rBV2	80731	89204	2.05%	0.163%
19	7.075	843	847	850	rVV	533713	708266	16.28%	1.292%
20	7.116	850	854	856	rVV2	377683	599473	13.78%	1.093%
21	7.140	856	858	862	rVB	388684	438765	10.09%	0.800%
22	7.193	862	867	871	rBV2	544125	747555	17.19%	1.363%
23	7.269	876	880	881	rBV	130892	149790	3.44%	0.273%
24	7.287	881	883	886	rVV	163896	186904	4.30%	0.341%
25	7.334	886	891	893	rVV3	408934	625016	14.37%	1.140%
26	7.357	893	895	898	rVV2	393235	563182	12.95%	1.027%
27	7.398	898	902	906	rVV	2591407	3373556	77.56%	6.152%
28	7.445	906	910	914	rVB4	319757	457500	10.52%	0.834%
29	7.510	919	921	925	rVV2	269232	331893	7.63%	0.605%
30	7.593	925	935	941	rVV3	398798	1090467	25.07%	1.988%
31	7.704	947	954	956	rBV4	330385	639395	14.70%	1.166%
32	7.763	961	964	968	rVB3	381070	500185	11.50%	0.912%
33	7.804	968	971	972	rBV2	367107	413153	9.50%	0.753%
34	7.834	972	976	981	rVB3	663248	1189716	27.35%	2.169%
35	7.881	981	984	987	rBV2	355531	499895	11.49%	0.912%
36	7.957	994	997	1000	rBV2	152695	193715	4.45%	0.353%

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Peak separation: 5

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.069	1011	1016	1024	rBV2	3183129	4349612	100.00%	7.932%
38	8.145	1025	1029	1032	rVV	794521	977994	22.48%	1.783%
39	8.175	1032	1034	1041	rVB5	328929	538348	12.38%	0.982%
40	8.240	1041	1045	1049	rBV3	202703	419880	9.65%	0.766%
41	8.287	1049	1053	1057	rVB2	375291	496903	11.42%	0.906%
42	8.375	1063	1068	1074	rBV6	542685	1036570	23.83%	1.890%
43	8.428	1074	1077	1080	rVV2	309016	373461	8.59%	0.681%
44	8.463	1080	1083	1086	rVV2	560022	654736	15.05%	1.194%
45	8.504	1086	1090	1096	rVV	1026148	1553655	35.72%	2.833%
46	8.587	1100	1104	1107	rBV2	515283	591986	13.61%	1.080%
47	8.622	1107	1110	1115	rVV6	220590	408141	9.38%	0.744%
48	8.675	1115	1119	1124	rVV	2829314	3900345	89.67%	7.112%
49	8.739	1127	1130	1133	rVV2	432524	690248	15.87%	1.259%
50	8.769	1133	1135	1142	rVB3	396226	533997	12.28%	0.974%
51	8.904	1155	1158	1162	rVB	359476	406639	9.35%	0.742%
52	8.963	1165	1168	1170	rBV	163767	230185	5.29%	0.420%
53	9.039	1178	1181	1185	rVB2	418103	533380	12.26%	0.973%
54	9.081	1185	1188	1189	rVV	283653	307608	7.07%	0.561%
55	9.104	1189	1192	1197	rVV2	792991	1093133	25.13%	1.993%
56	9.157	1197	1201	1205	rVB	463222	552185	12.70%	1.007%
57	9.245	1211	1216	1220	rBV	2444994	3310335	76.11%	6.036%
58	9.557	1265	1269	1272	rBV3	640692	1014471	23.32%	1.850%
59	9.616	1277	1279	1283	rVB3	240371	278075	6.39%	0.507%
60	9.775	1301	1306	1310	rVB	1628927	2082147	47.87%	3.797%
61	9.834	1310	1316	1321	rVB2	518809	826644	19.01%	1.507%
62	10.004	1341	1345	1347	rBV2	147033	225233	5.18%	0.411%
63	10.092	1356	1360	1364	rVB5	222715	290961	6.69%	0.531%
64	10.269	1386	1390	1395	rBV	981179	1214683	27.93%	2.215%
65	10.492	1423	1428	1433	rVB	254873	406422	9.34%	0.741%
66	10.545	1434	1437	1440	rBV2	97703	109362	2.51%	0.199%
67	10.622	1445	1450	1455	rVB2	288629	427400	9.83%	0.779%
68	10.745	1467	1471	1480	rVB	613976	944358	21.71%	1.722%
69	11.192	1543	1547	1550	rBV	250865	325322	7.48%	0.593%
70	11.222	1550	1552	1558	rVB	127379	156052	3.59%	0.285%
71	11.322	1565	1569	1577	rBV2	539898	814238	18.72%	1.485%
72	11.622	1616	1620	1624	rBV	135417	168554	3.88%	0.307%
73	11.722	1633	1637	1643	rVB2	49311	72924	1.68%	0.133%
74	11.857	1656	1660	1669	rBV2	110803	157652	3.62%	0.287%
75	12.028	1685	1689	1693	rBV	97100	115494	2.66%	0.211%
76	12.422	1750	1756	1761	rBV3	173940	362256	8.33%	0.661%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.539	1772	1776	1779	rBV	159185	213104	4.90%	0.389%
78	12.763	1810	1814	1817	rBV	177119	251902	5.79%	0.459%
79	12.910	1835	1839	1847	rVB	647293	836226	19.23%	1.525%
80	13.151	1877	1880	1885	rVB2	55007	73954	1.70%	0.135%
81	13.963	2014	2018	2030	rVB2	464222	773674	17.79%	1.411%
82	15.427	2263	2267	2272	rBV	220724	314509	7.23%	0.574%

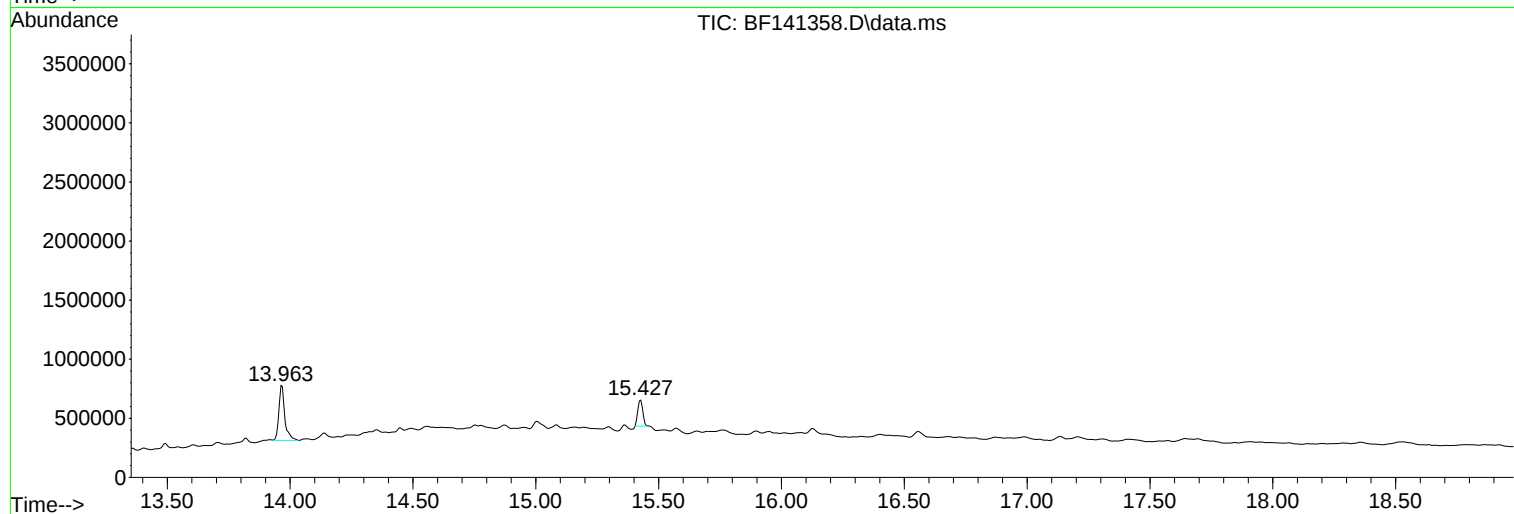
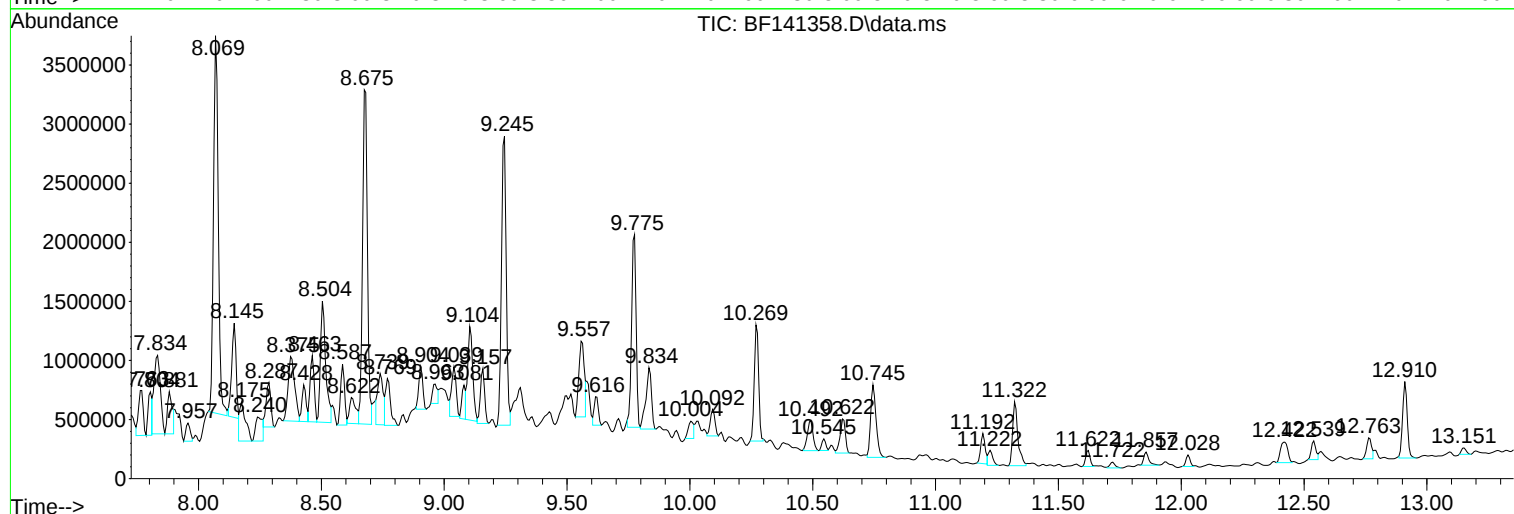
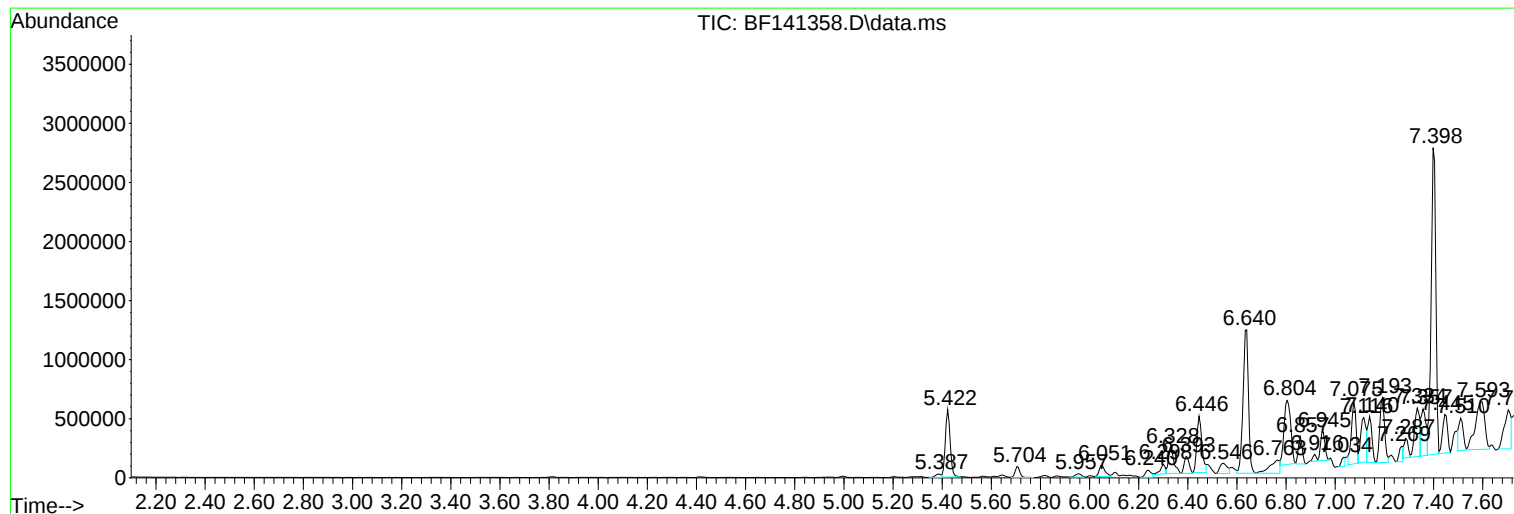
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
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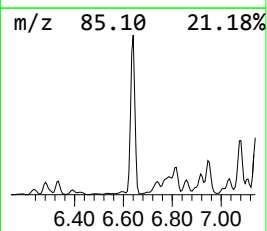
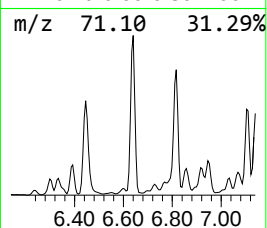
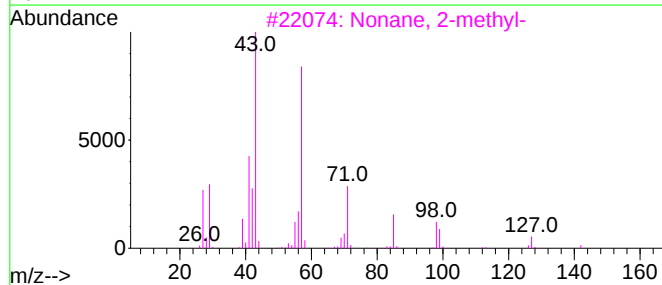
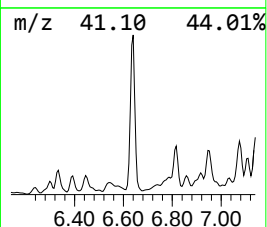
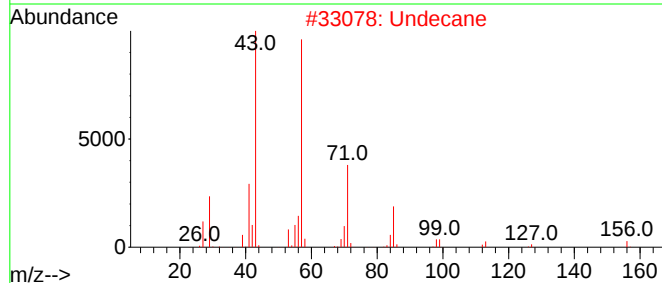
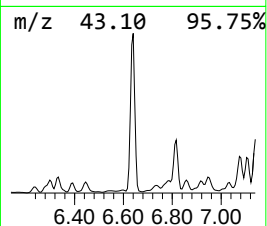
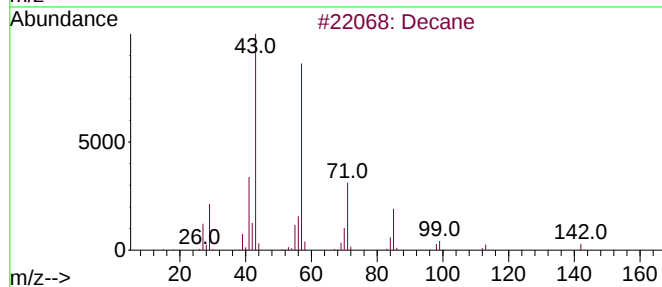
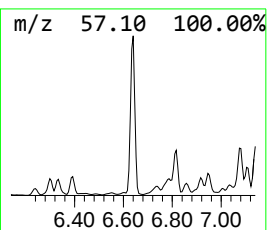
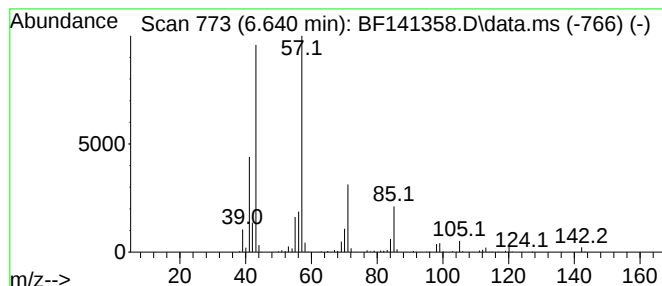
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Decane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.640	35.98 ng	1856700	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	90
2			Undecane	156	C11H24	001120-21-4	83
3			Nonane, 2-methyl-	142	C10H22	000871-83-0	72
4			Octane, 4-ethyl-	142	C10H22	015869-86-0	68
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64



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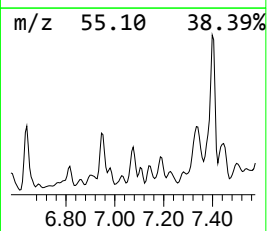
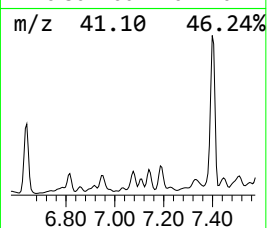
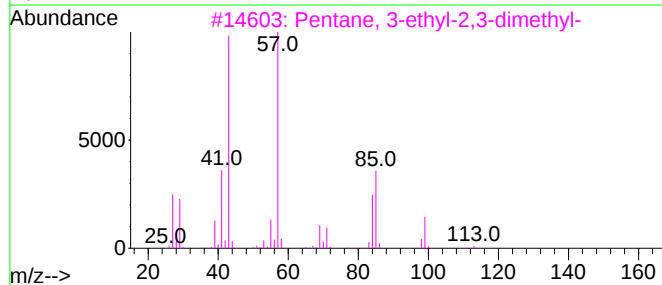
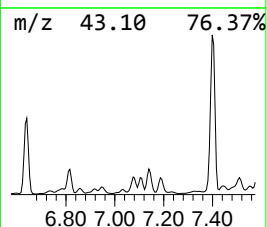
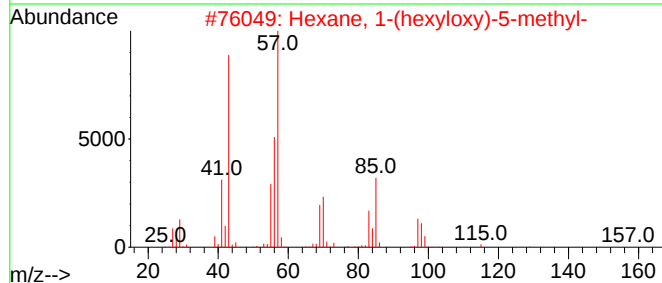
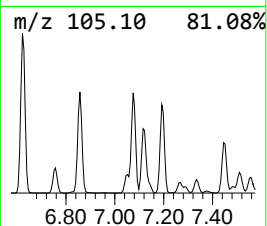
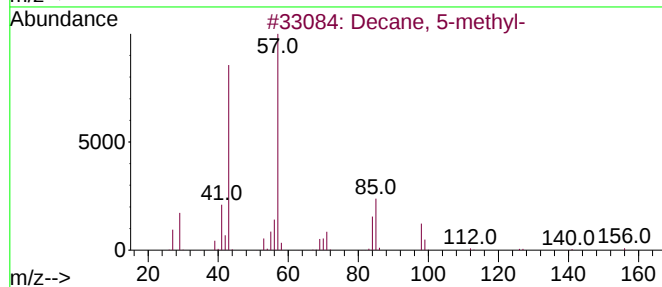
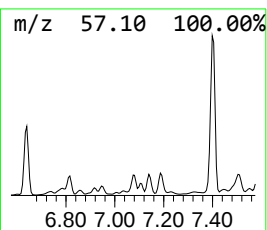
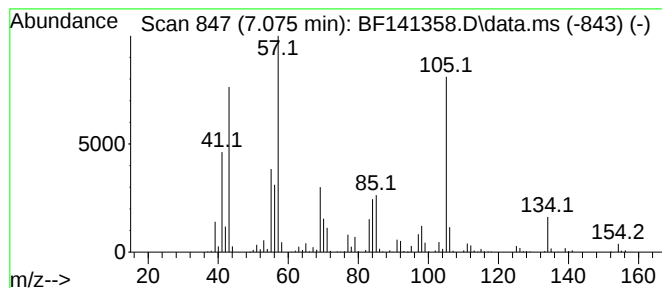
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.075 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.075	13.73 ng	708266	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-methyl-	156	C11H24	013151-35-4	43
2			Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	38
3			Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	35
4			1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	35
5			Hexane, 3-ethyl-	114	C8H18	000619-99-8	27



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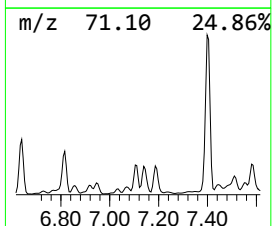
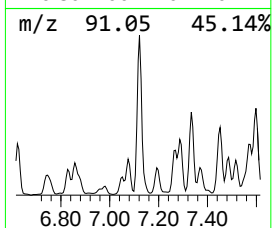
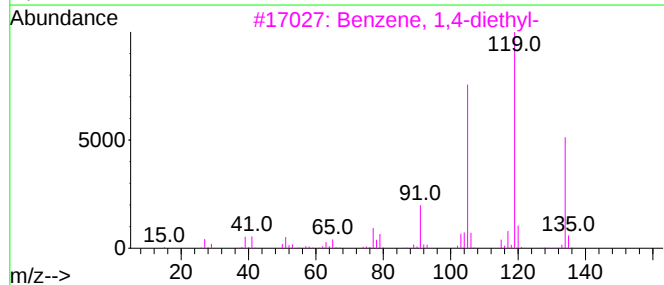
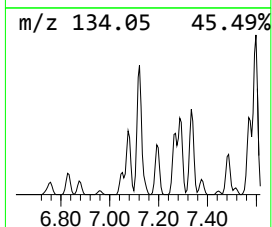
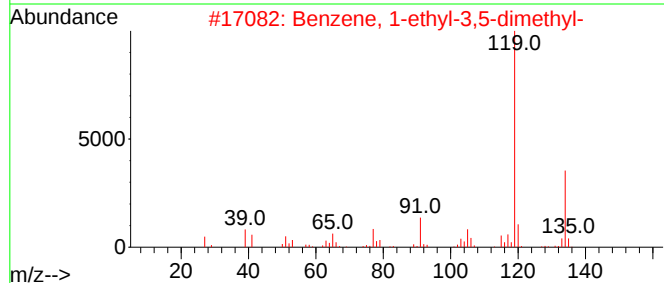
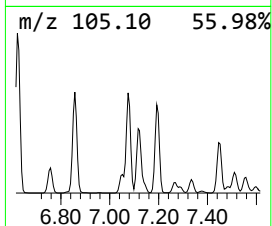
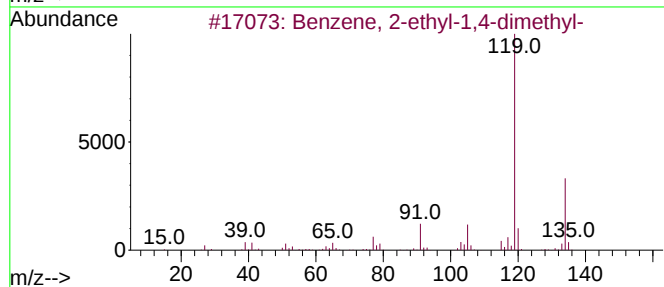
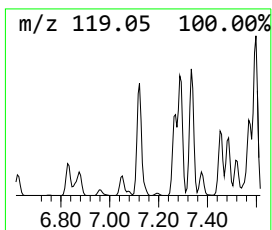
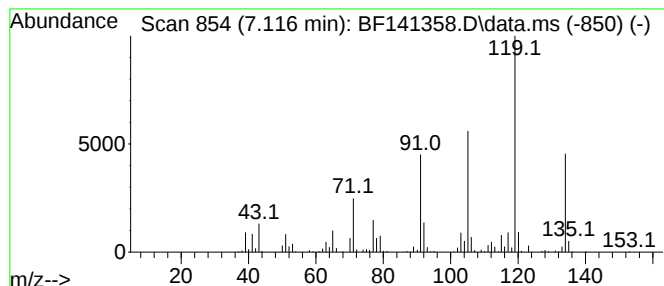
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.116	11.62 ng	599473	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	81
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81



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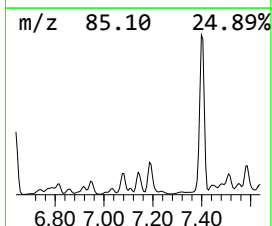
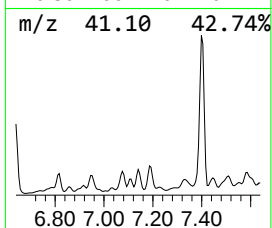
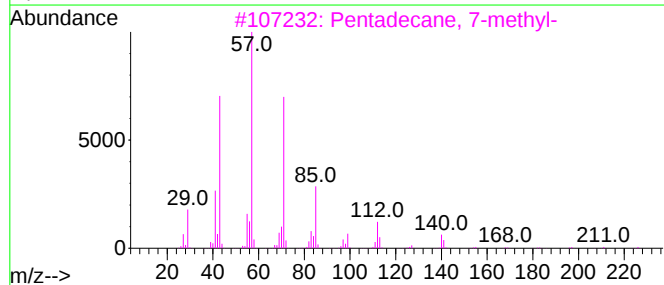
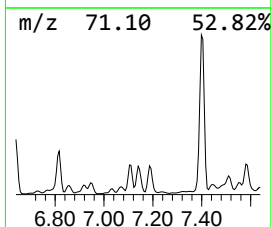
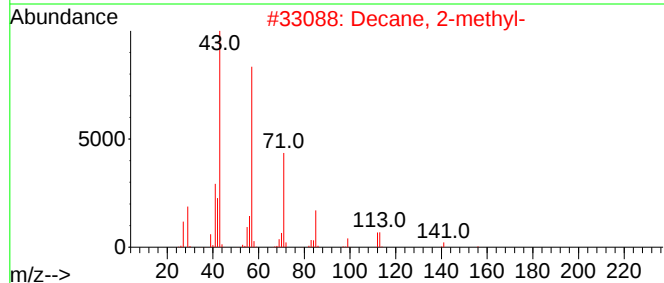
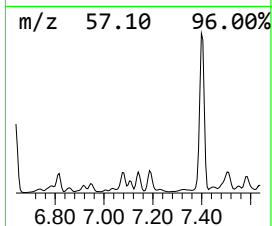
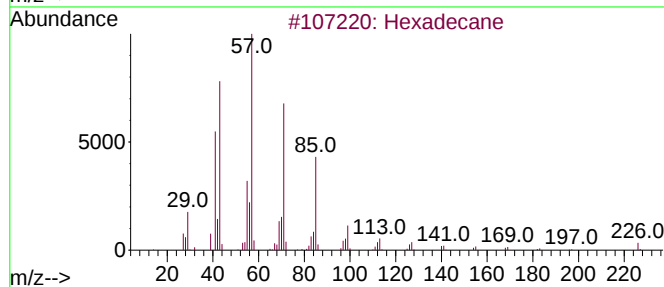
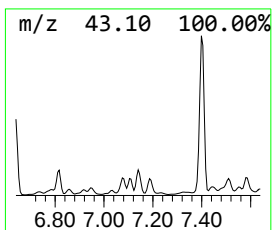
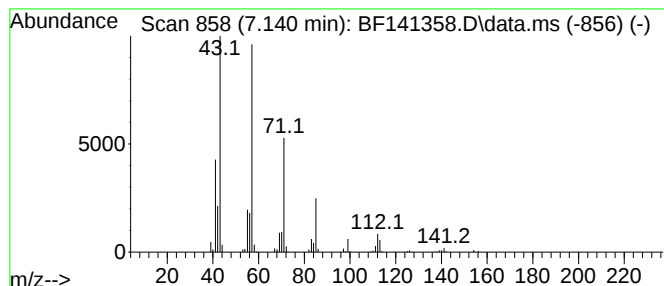
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.140	8.50 ng	438765	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	83
2			Decane, 2-methyl-	156	C11H24	006975-98-0	76
3			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
4			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72
5			Tridecane	184	C13H28	000629-50-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141358.D
Acq On : 01 Feb 2025 03:11
Operator : RC/JU
Sample : Q1244-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-01302025

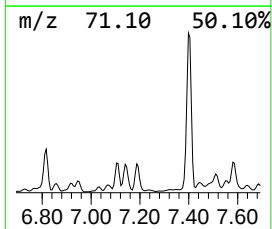
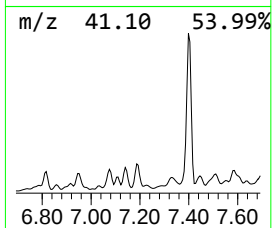
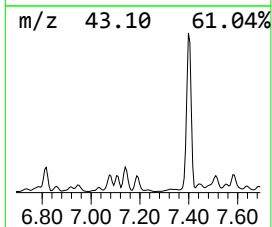
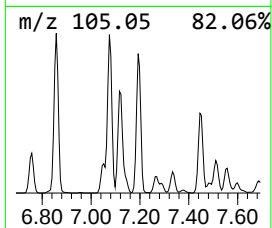
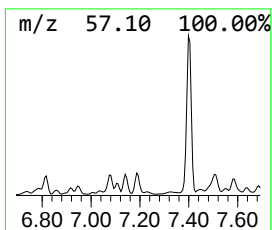
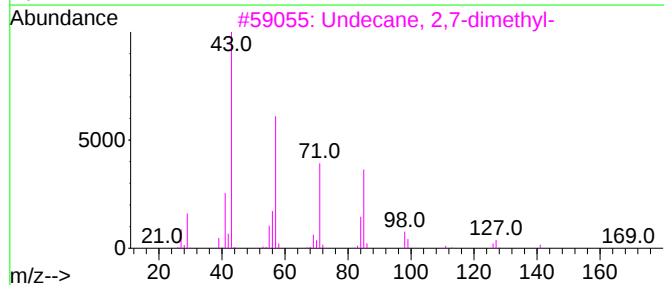
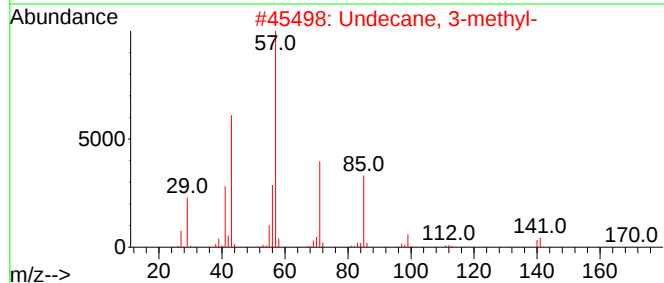
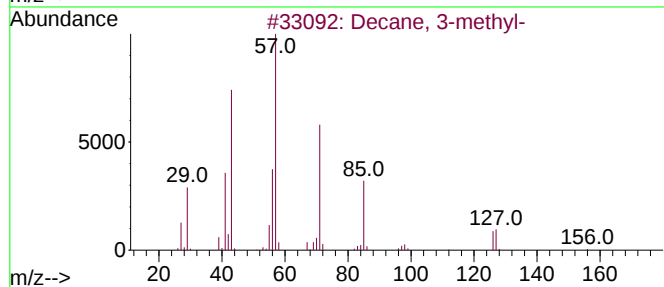
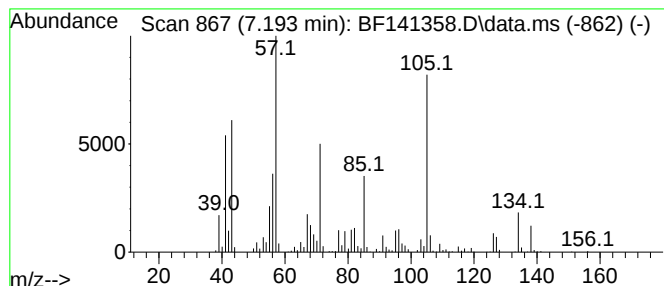
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Decane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.193	14.49 ng	747555	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	60
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	47
3			Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	46
4			dl-Menthol	156	C10H20O	000089-78-1	38
5			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141358.D
Acq On : 01 Feb 2025 03:11
Operator : RC/JU
Sample : Q1244-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-01302025

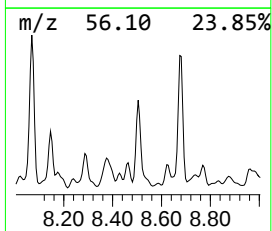
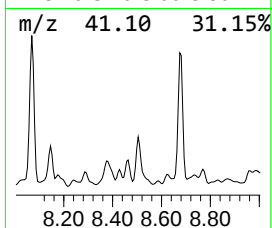
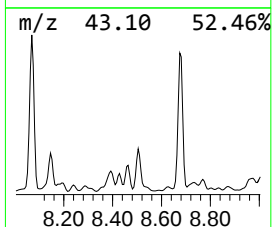
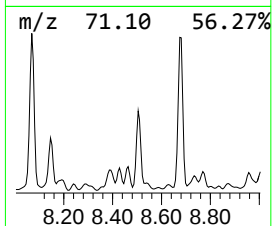
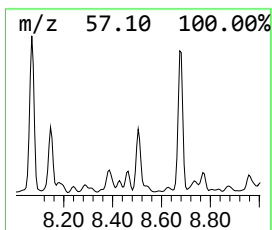
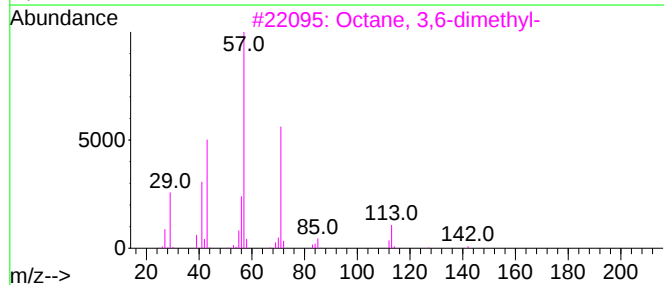
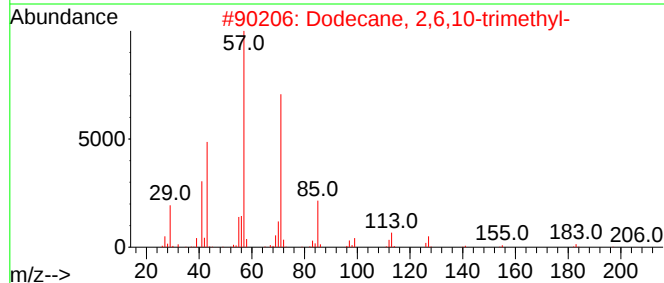
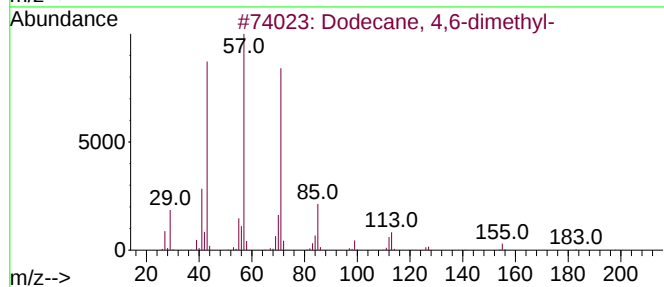
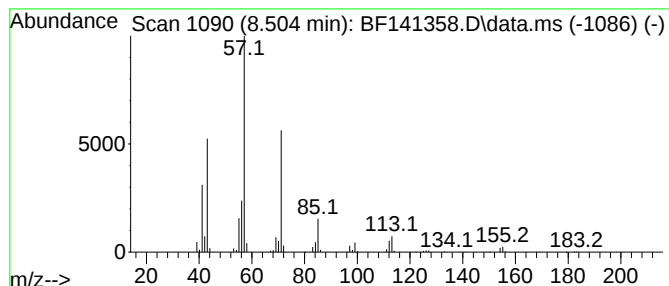
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Dodecane, 4,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.504	7.14 ng	1553660	Naphthalene-d8	8.081

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	89
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64
5			Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141358.D
Acq On : 01 Feb 2025 03:11
Operator : RC/JU
Sample : Q1244-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-01302025

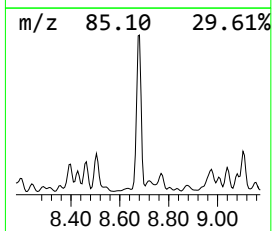
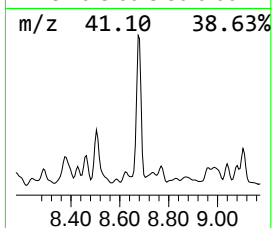
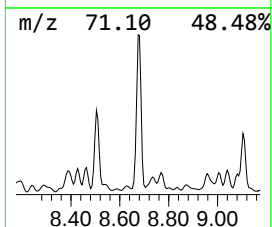
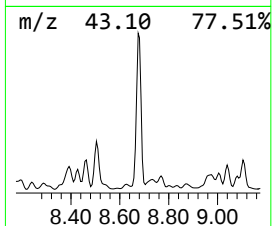
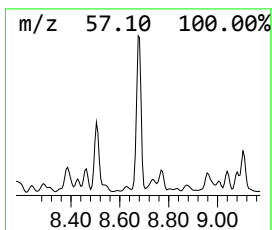
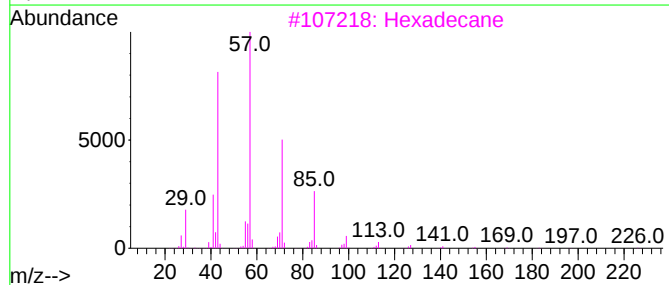
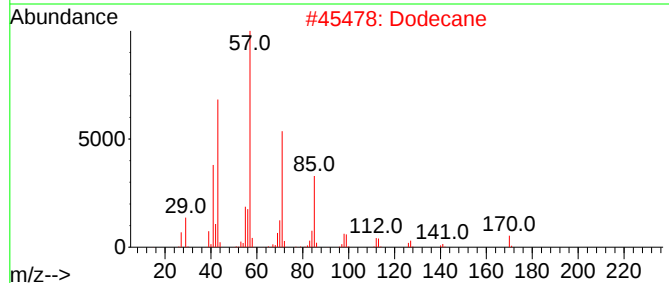
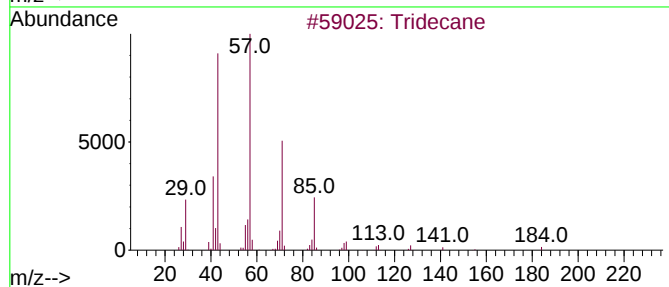
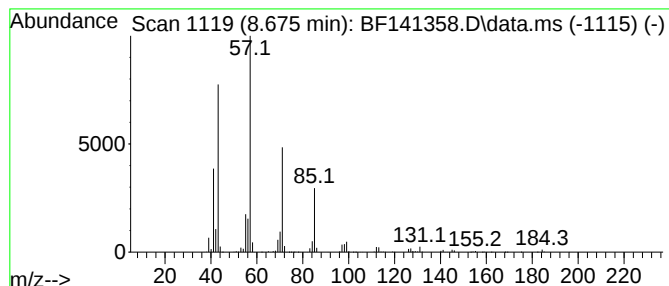
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.675	17.93 ng	3900350	Naphthalene-d8	8.081

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	93
2		Dodecane	170	C12H26	000112-40-3	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Pentadecane	212	C15H32	000629-62-9	86
5		Tetradecane	198	C14H30	000629-59-4	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141358.D
Acq On : 01 Feb 2025 03:11
Operator : RC/JU
Sample : Q1244-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

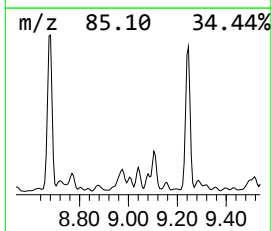
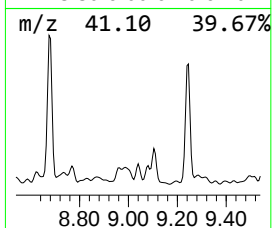
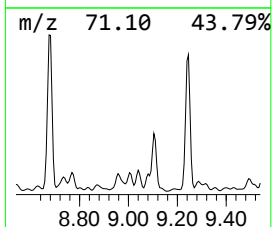
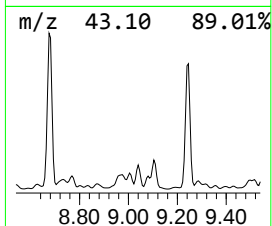
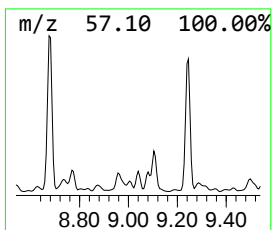
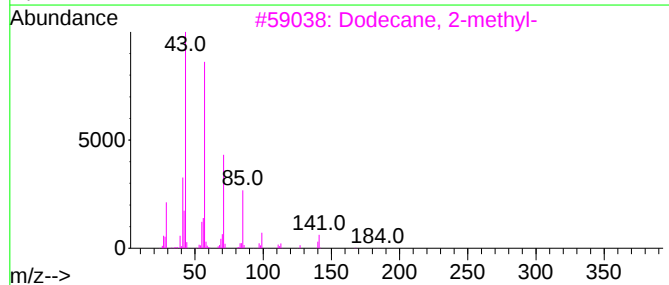
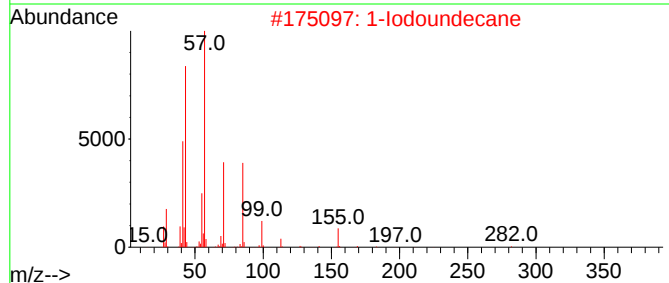
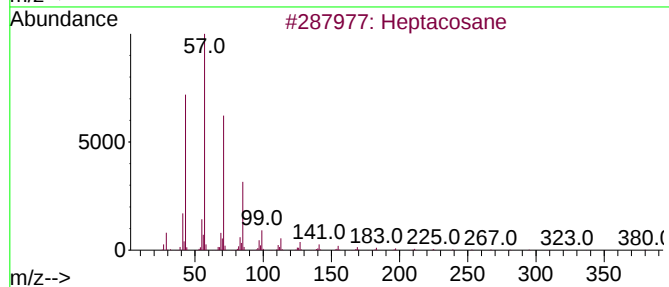
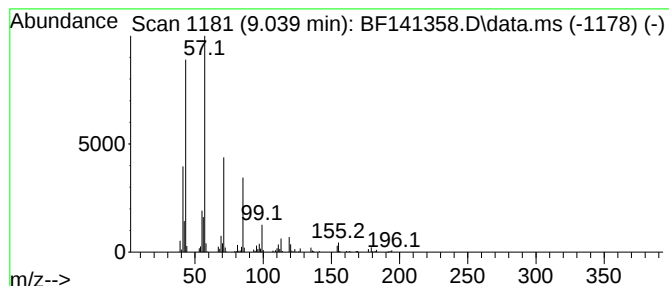
Instrument :
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ClientSampleId :
EO-02-01302025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.039	12.90 ng	533380	Acenaphthene-d10	9.834	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	78
2	1-Iodoundecane	282	C11H23I	004282-44-4	72
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141358.D
Acq On : 01 Feb 2025 03:11
Operator : RC/JU
Sample : Q1244-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-01302025

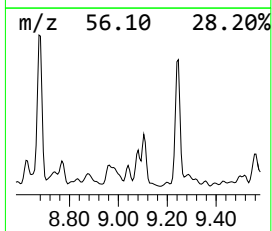
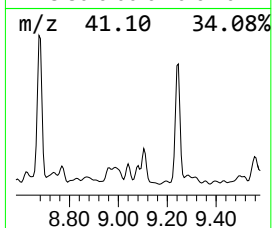
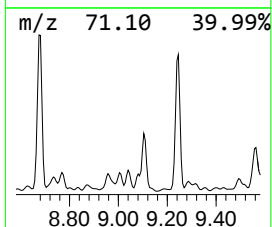
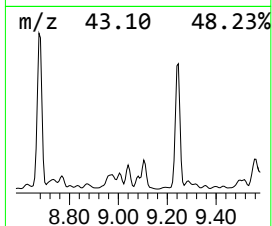
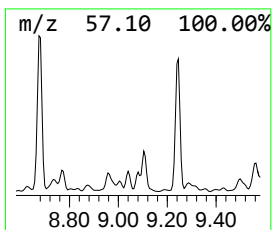
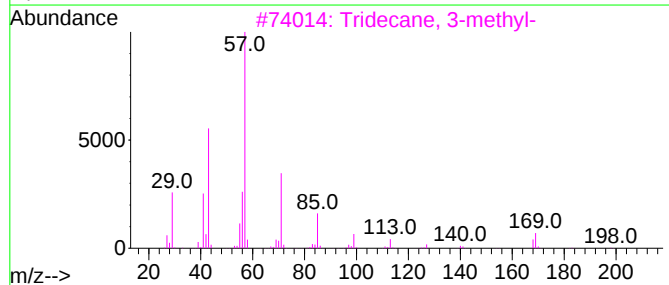
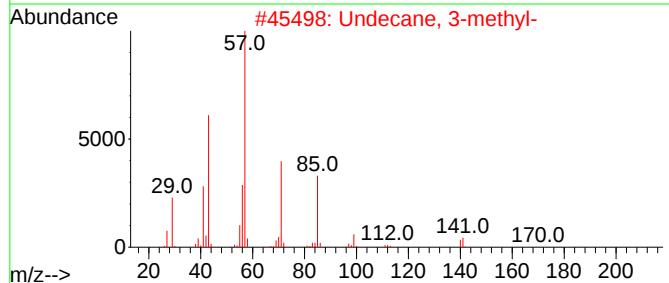
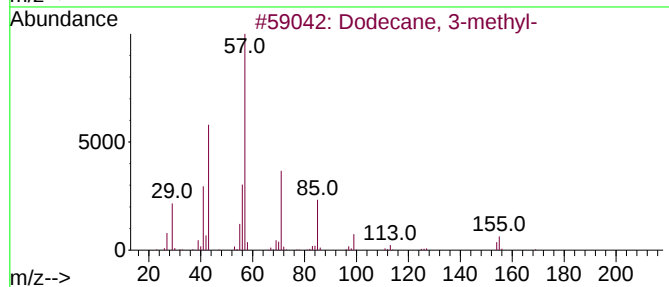
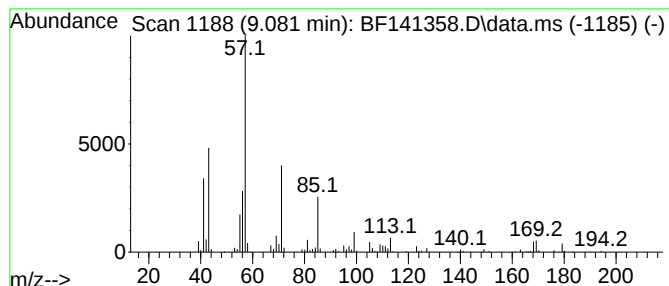
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Dodecane, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.081	7.44 ng	307608	Acenaphthene-d10	9.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	72
3			Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
4			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141358.D
Acq On : 01 Feb 2025 03:11
Operator : RC/JU
Sample : Q1244-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-01302025

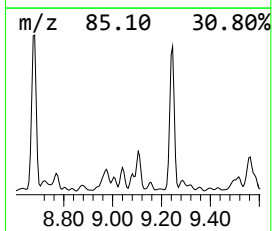
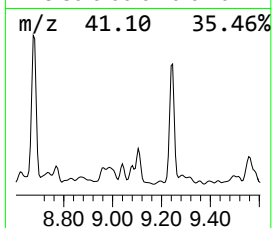
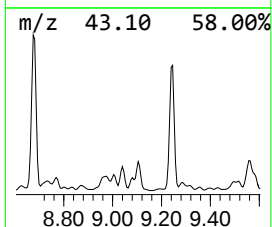
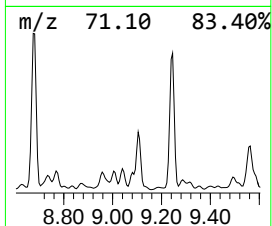
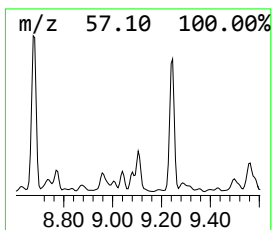
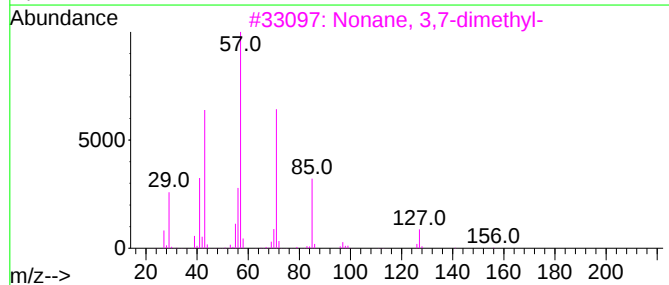
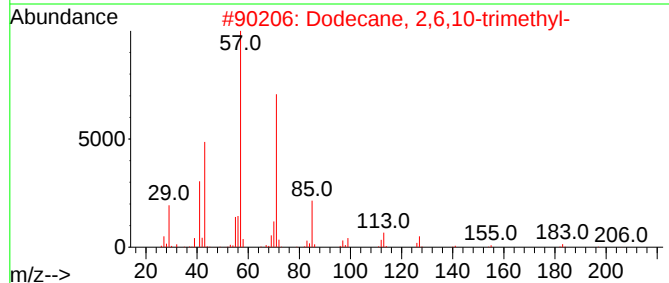
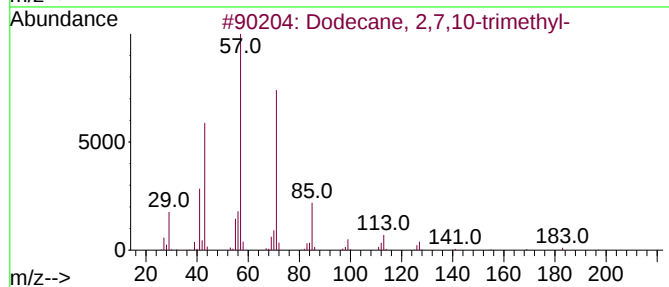
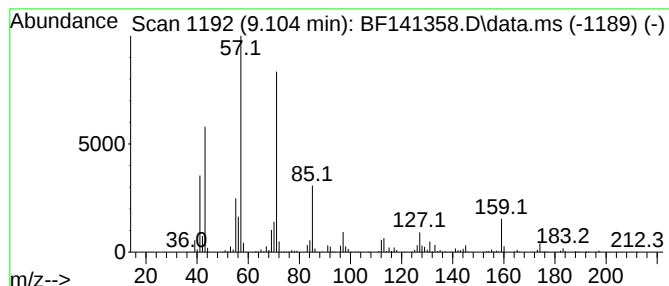
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Dodecane, 2,7,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.104	26.45 ng	1093130	Acenaphthene-d10	9.834

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	68
4		Decane, 3,4-dimethyl-	170	C12H26	017312-45-7	53
5		Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141358.D
Acq On : 01 Feb 2025 03:11
Operator : RC/JU
Sample : Q1244-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-01302025

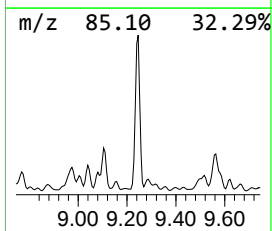
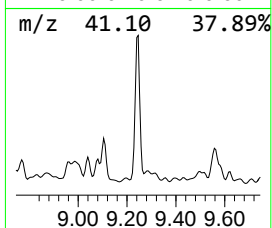
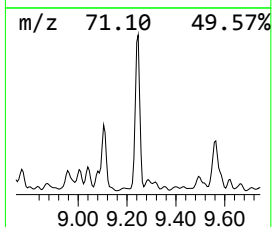
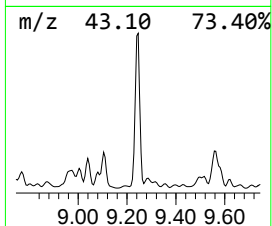
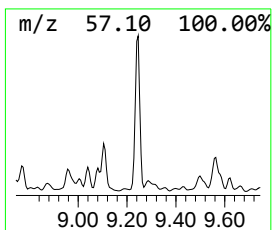
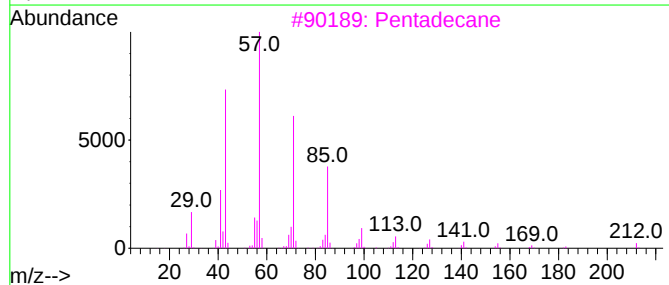
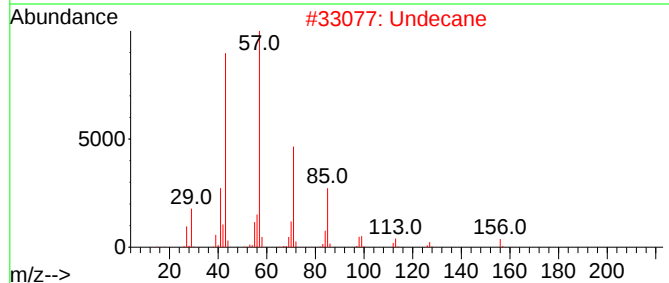
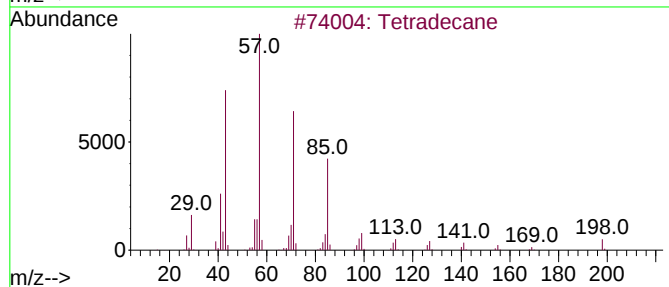
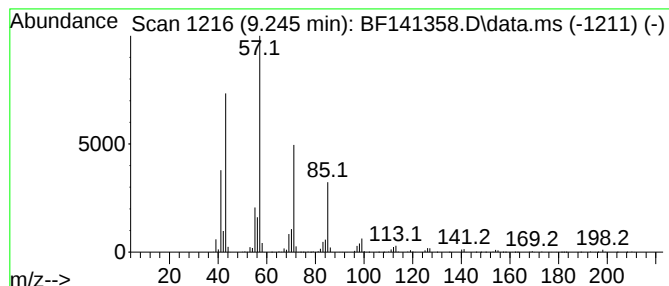
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.245	80.09 ng	3310340	Acenaphthene-d10	9.834

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Undecane	156	C11H24	001120-21-4	90
3		Pentadecane	212	C15H32	000629-62-9	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141358.D
Acq On : 01 Feb 2025 03:11
Operator : RC/JU
Sample : Q1244-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-01302025

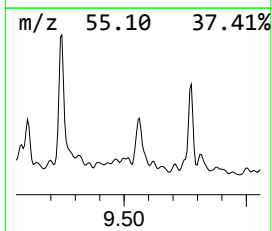
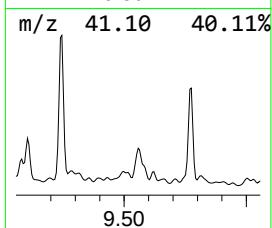
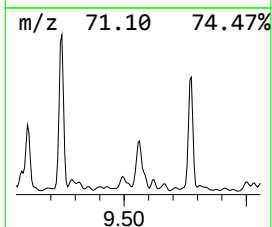
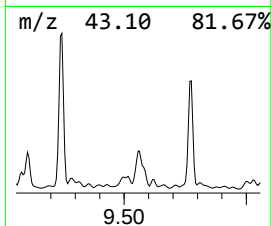
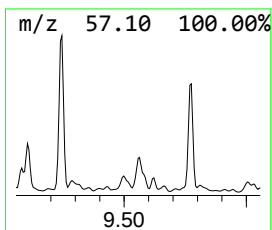
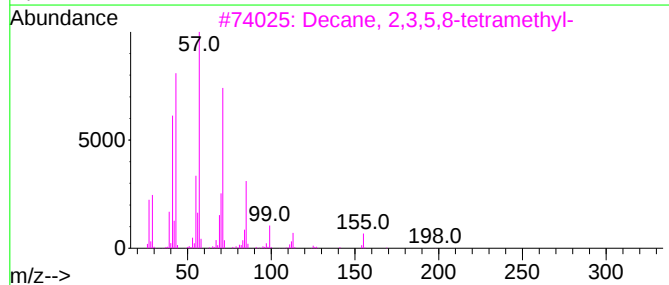
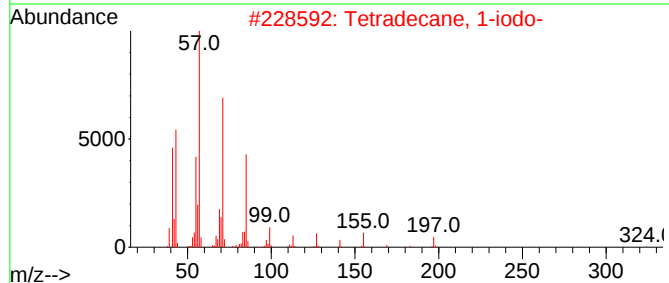
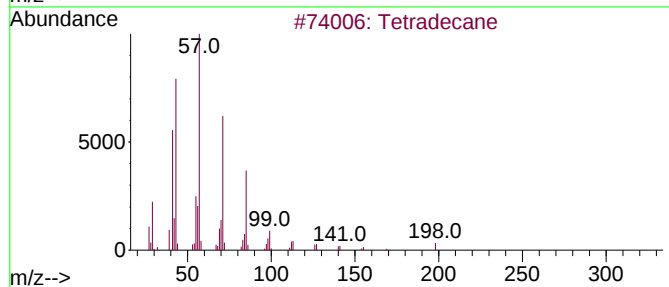
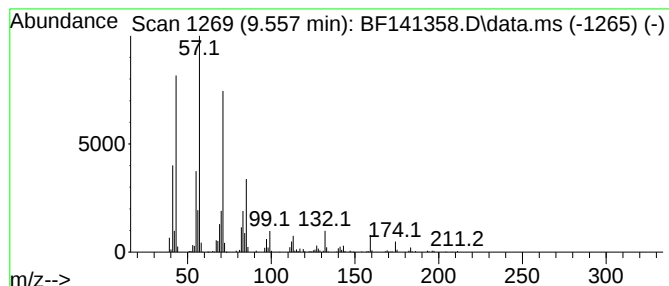
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Tetradecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.557	24.54 ng	1014470	Acenaphthene-d10	9.834

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	86
2		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	83
3		Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	80
4		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	80
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141358.D
Acq On : 01 Feb 2025 03:11
Operator : RC/JU
Sample : Q1244-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-01302025

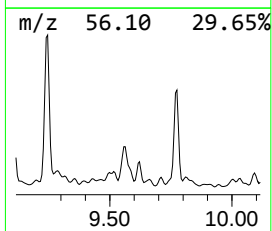
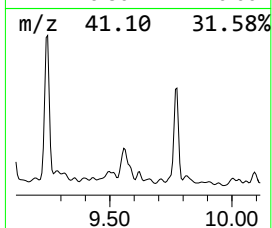
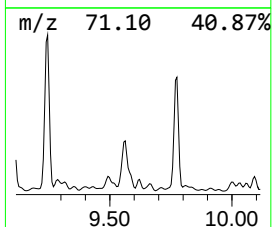
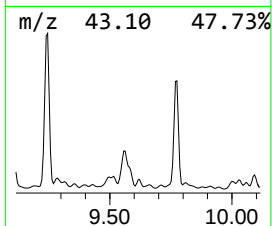
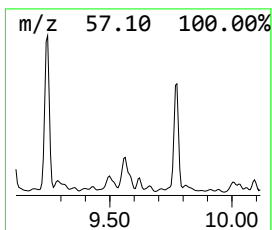
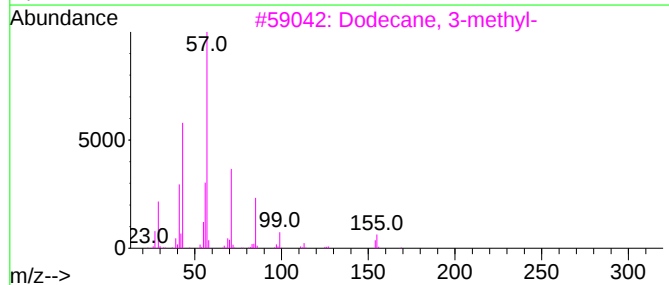
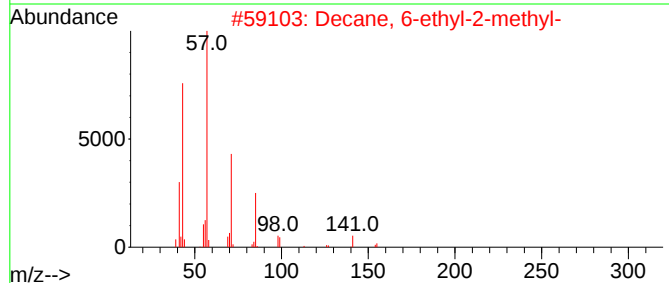
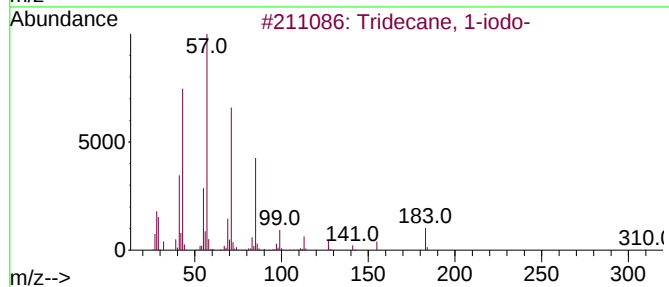
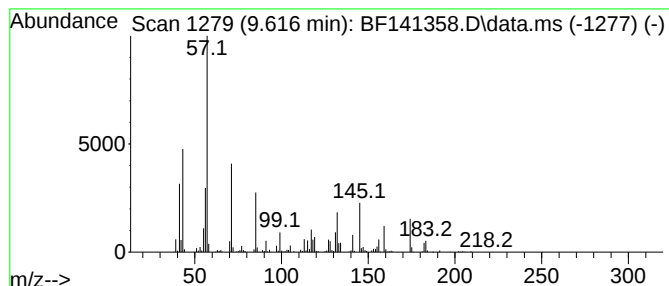
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown9.616 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.616	6.73 ng	278075	Acenaphthene-d10	9.834

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	38
2		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	35
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	35
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	35
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141358.D
Acq On : 01 Feb 2025 03:11
Operator : RC/JU
Sample : Q1244-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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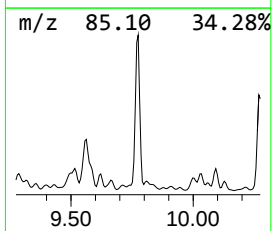
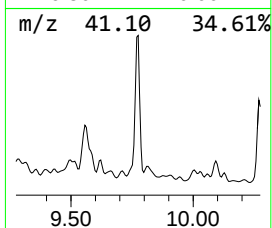
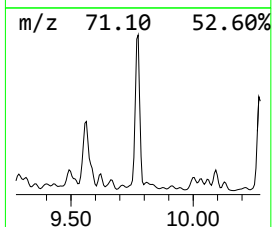
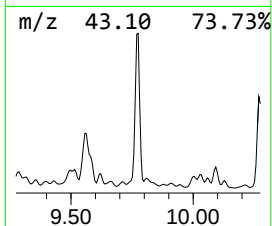
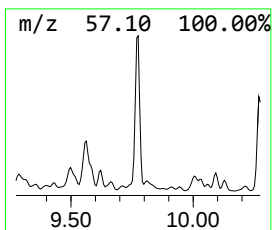
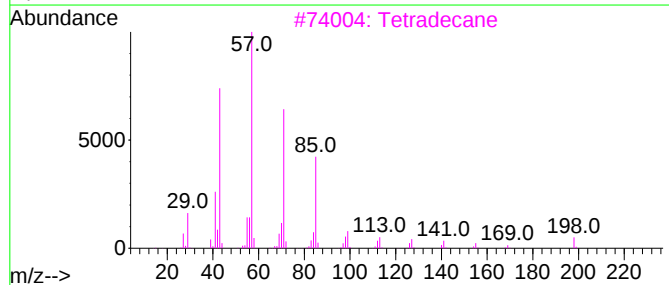
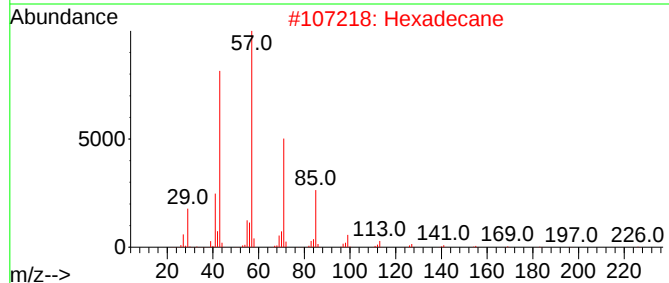
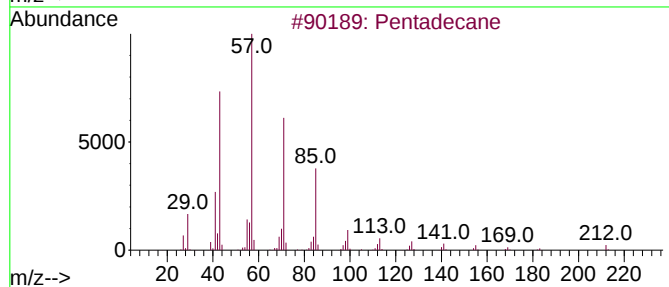
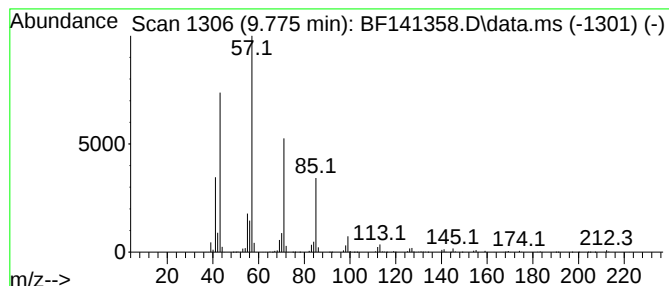
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Pentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.775	50.38 ng	2082150	Acenaphthene-d10	9.834

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tetradecane	198	C14H30	000629-59-4	90
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5		Heptadecane	240	C17H36	000629-78-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141358.D
Acq On : 01 Feb 2025 03:11
Operator : RC/JU
Sample : Q1244-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-01302025

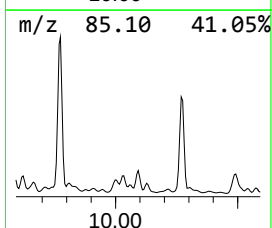
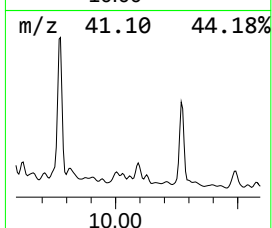
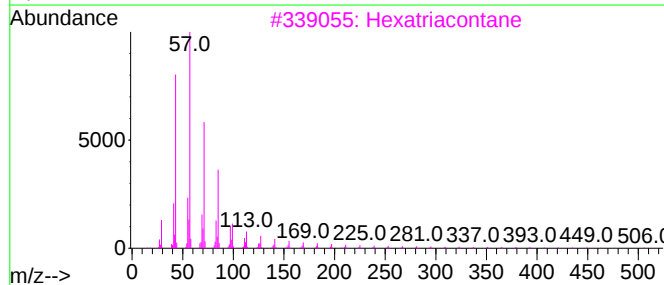
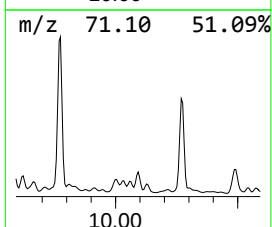
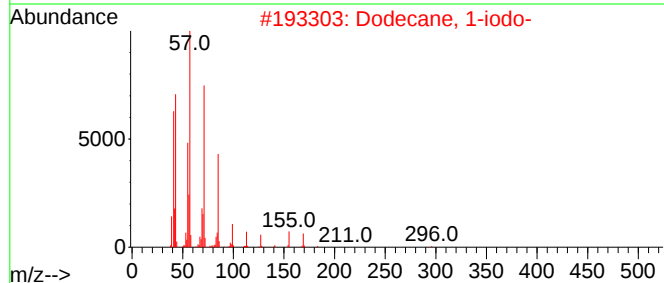
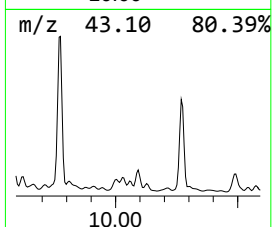
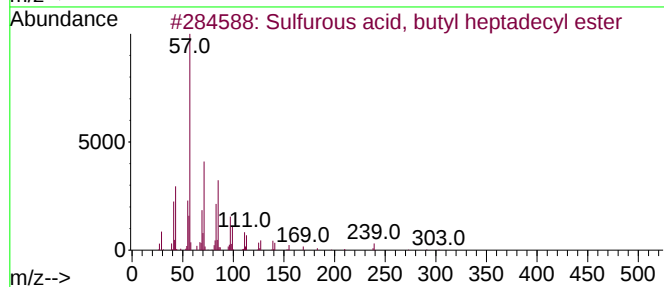
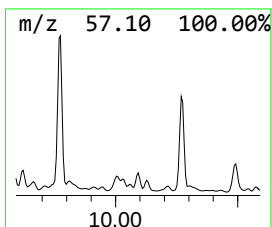
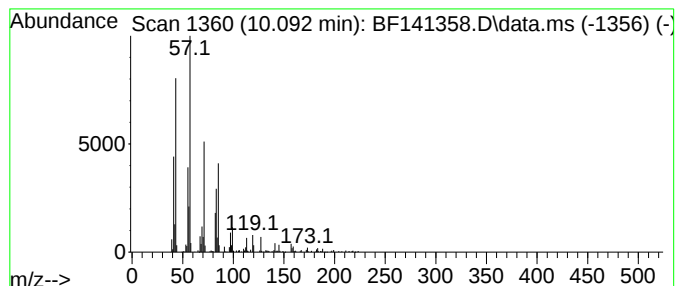
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Sulfurous acid, butyl hepta... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.092	7.04 ng	290961	Acenaphthene-d10	9.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	86
2			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
3			Hexatriacontane	507	C36H74	000630-06-8	64
4			Tetratetracontane	619	C44H90	007098-22-8	64
5			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141358.D
Acq On : 01 Feb 2025 03:11
Operator : RC/JU
Sample : Q1244-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-01302025

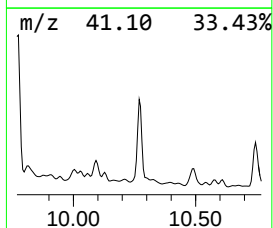
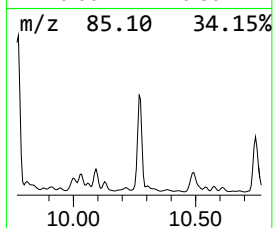
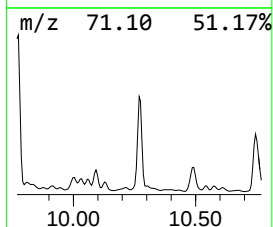
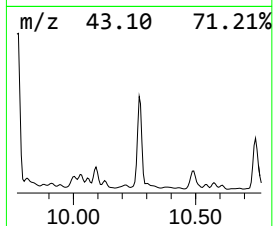
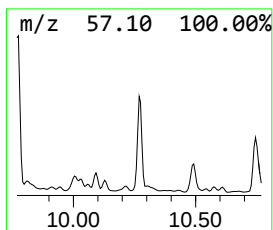
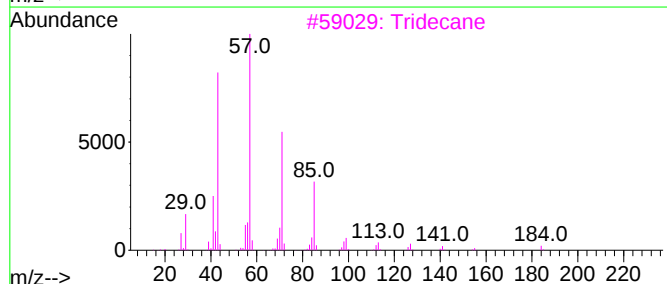
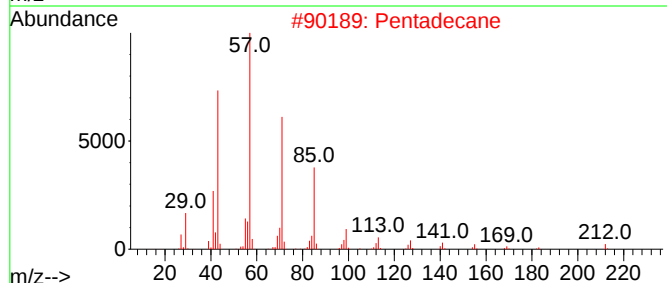
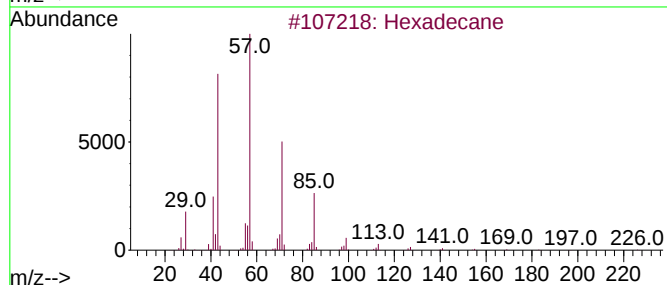
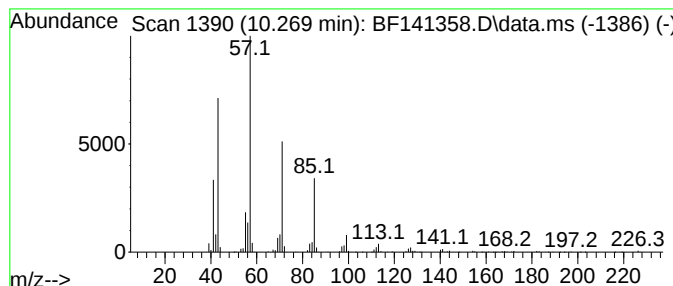
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.269	29.39 ng	1214680	Acenaphthene-d10	9.834

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	96
2		Pentadecane	212	C15H32	000629-62-9	90
3		Tridecane	184	C13H28	000629-50-5	90
4		Heptadecane	240	C17H36	000629-78-7	90
5		Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141358.D
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Operator : RC/JU
Sample : Q1244-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

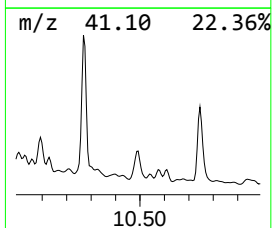
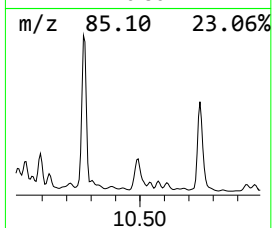
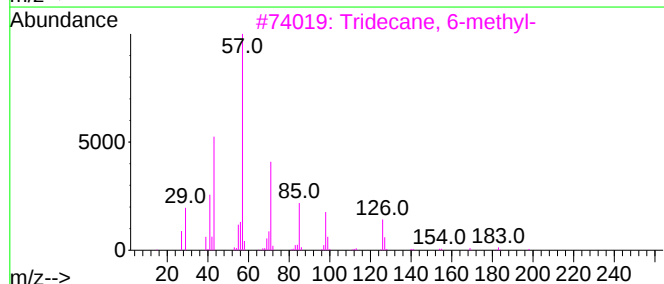
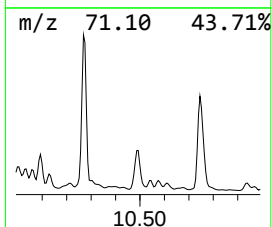
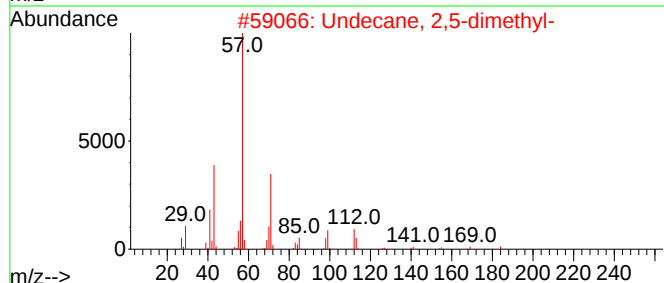
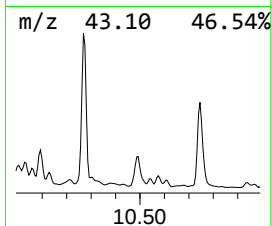
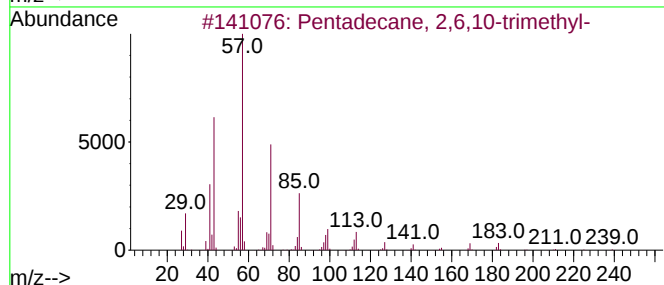
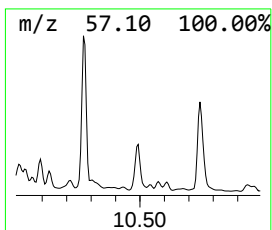
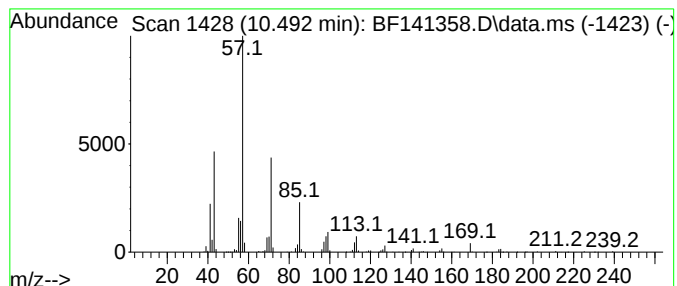
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BNA_F
ClientSampleId :
EO-02-01302025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Pentadecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.492	9.83 ng	406422	Acenaphthene-d10	9.834	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	Eicosane	282	C20H42	000112-95-8	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141358.D
Acq On : 01 Feb 2025 03:11
Operator : RC/JU
Sample : Q1244-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-01302025

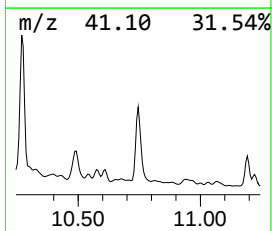
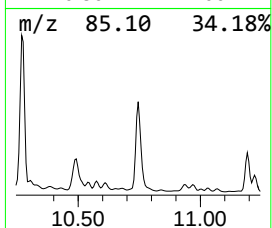
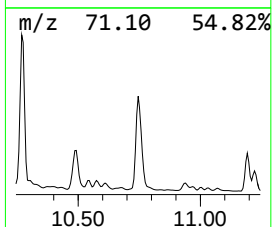
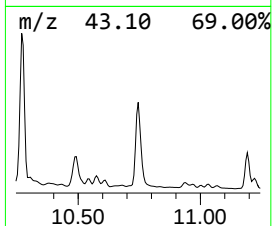
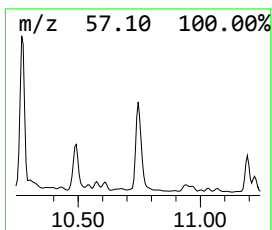
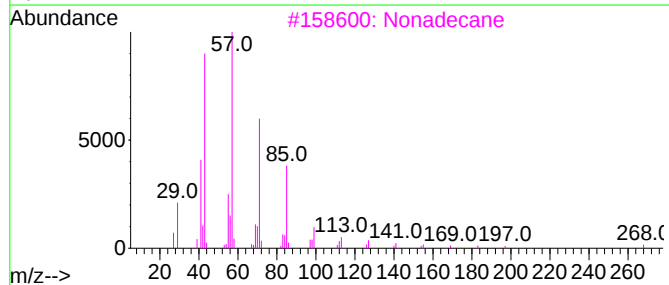
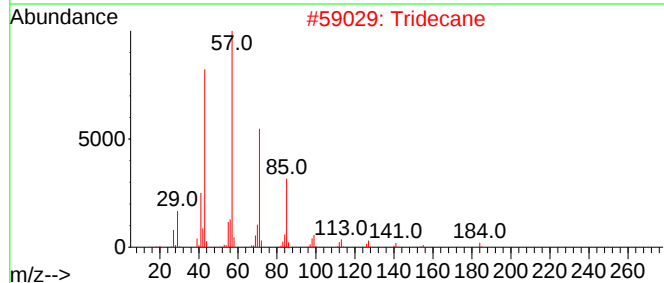
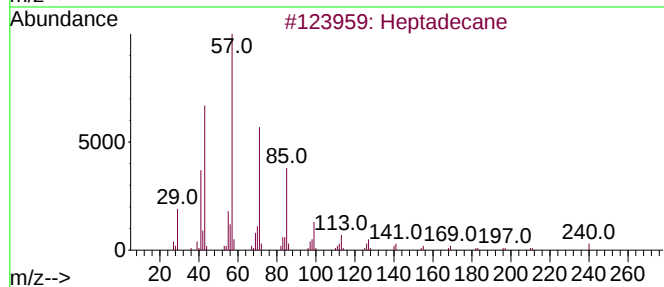
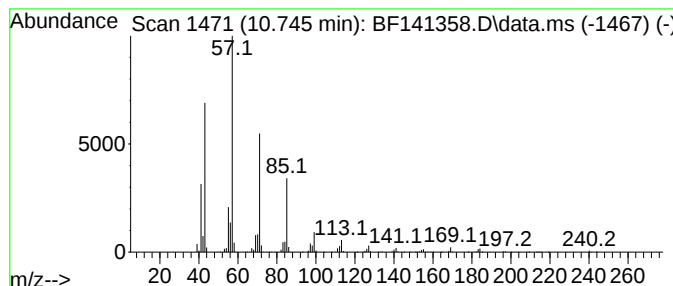
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.745	23.20 ng	944358	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	97
2			Tridecane	184	C13H28	000629-50-5	94
3			Nonadecane	268	C19H40	000629-92-5	91
4			Hexadecane	226	C16H34	000544-76-3	86
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141358.D
Acq On : 01 Feb 2025 03:11
Operator : RC/JU
Sample : Q1244-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-01302025

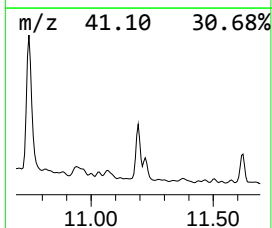
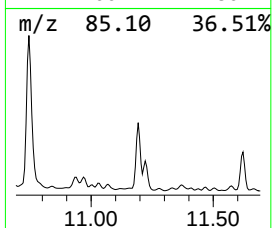
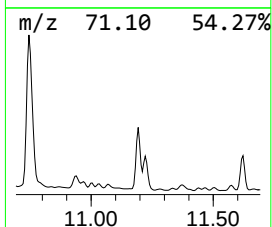
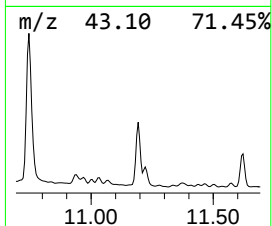
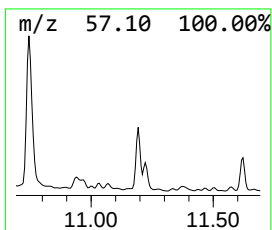
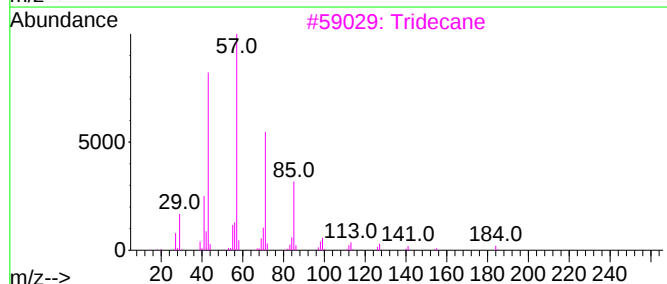
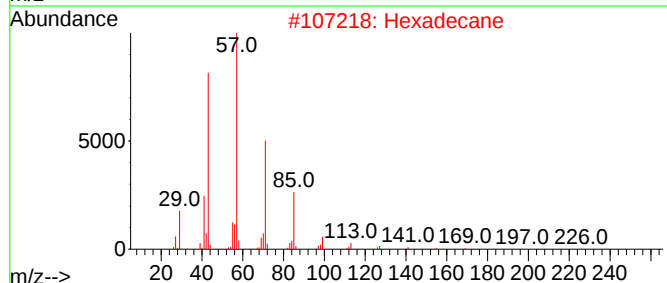
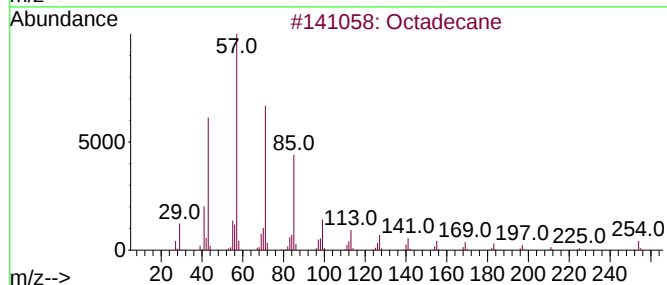
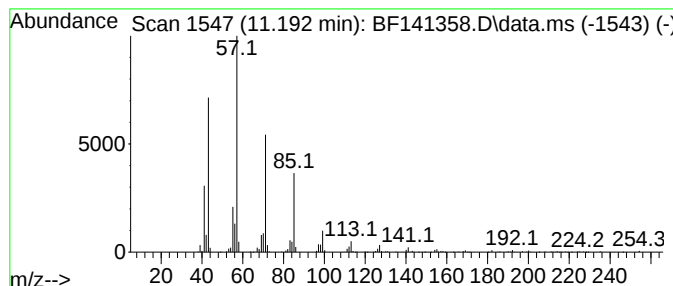
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.192	7.99 ng	325322	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	97
2			Hexadecane	226	C16H34	000544-76-3	90
3			Tridecane	184	C13H28	000629-50-5	90
4			Pentadecane	212	C15H32	000629-62-9	87
5			Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141358.D
Acq On : 01 Feb 2025 03:11
Operator : RC/JU
Sample : Q1244-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-01302025

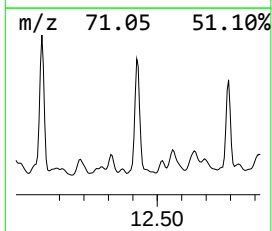
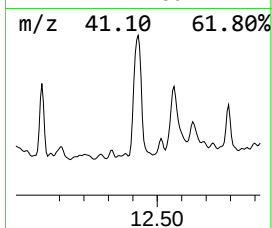
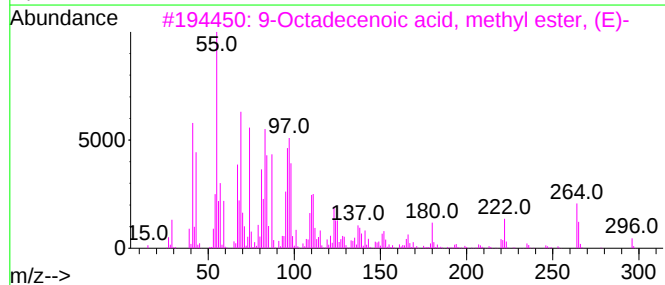
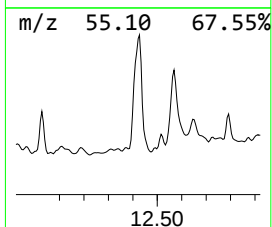
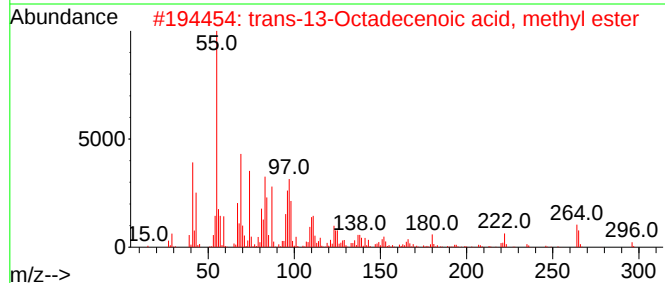
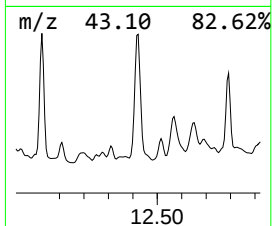
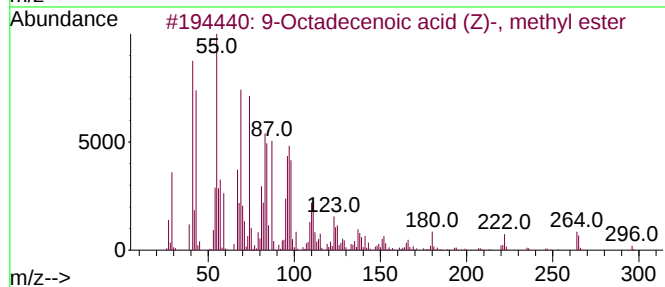
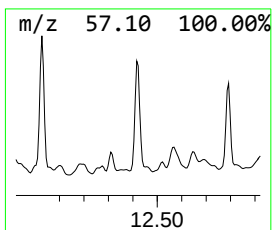
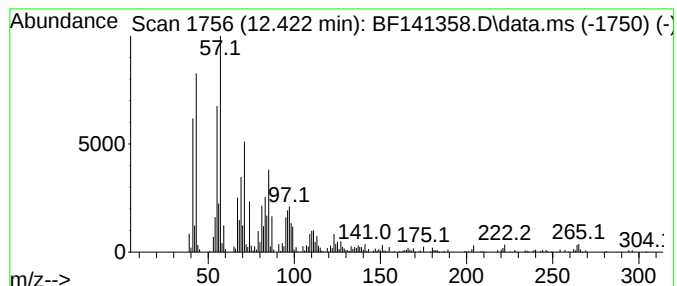
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 9-Octadecenoic acid (Z)-, m... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.422	8.90 ng	362256	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	96
2			trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	95
3			9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	95
4			11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	95
5			6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141358.D
Acq On : 01 Feb 2025 03:11
Operator : RC/JU
Sample : Q1244-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-01302025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Decane	6.640	36.0	ng	1856700	1	6.798	1031960	20.0
unknown7.075	7.075	13.7	ng	708266	1	6.798	1031960	20.0
Benzene, 2-ethy...	7.116	11.6	ng	599473	1	6.798	1031960	20.0
Hexadecane	7.140	8.5	ng	438765	1	6.798	1031960	20.0
Decane, 3-methyl-	7.193	14.5	ng	747555	1	6.798	1031960	20.0
Dodecane, 4,6-d...	8.504	7.1	ng	1553660	2	8.081	4349610	20.0
Tridecane	8.675	17.9	ng	3900350	2	8.081	4349610	20.0
Heptacosane	9.039	12.9	ng	533380	3	9.834	826644	20.0
Dodecane, 3-met...	9.081	7.4	ng	307608	3	9.834	826644	20.0
Dodecane, 2,7,1...	9.104	26.4	ng	1093130	3	9.834	826644	20.0
Tetradecane	9.245	80.1	ng	3310340	3	9.834	826644	20.0
Tetradecane, 1-...	9.557	24.5	ng	1014470	3	9.834	826644	20.0
unknown9.616	9.616	6.7	ng	278075	3	9.834	826644	20.0
Pentadecane	9.775	50.4	ng	2082150	3	9.834	826644	20.0
Sulfurous acid,...	10.092	7.0	ng	290961	3	9.834	826644	20.0
Heptadecane	10.269	29.4	ng	1214680	3	9.834	826644	20.0
Pentadecane, 2,...	10.492	9.8	ng	406422	3	9.834	826644	20.0
Nonadecane	10.745	23.2	ng	944358	4	11.322	814238	20.0
Octadecane	11.192	8.0	ng	325322	4	11.322	814238	20.0
9-Octadecenoic ...	12.422	8.9	ng	362256	4	11.322	814238	20.0