

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141467.D
 Acq On : 06 Feb 2025 00:07
 Operator : RC/JU
 Sample : Q1284-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-2-4-2025

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: BF141467.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.410	559	564	577	rBV	151391	216596	31.02%	2.362%
2	6.434	733	738	750	rBV	140378	222517	31.87%	2.427%
3	6.522	750	753	761	rVV8	3260	7993	1.14%	0.087%
4	6.622	765	770	777	rBV2	20230	32596	4.67%	0.356%
5	6.792	794	799	805	rBV	258530	341914	48.97%	3.729%
6	6.845	805	808	812	rVB2	7434	9807	1.40%	0.107%
7	6.939	820	824	827	rBV3	7481	9524	1.36%	0.104%
8	7.069	834	846	849	rBV3	19896	39133	5.61%	0.427%
9	7.104	849	852	855	rBV2	10864	16511	2.36%	0.180%
10	7.181	860	865	869	rBV2	21185	28326	4.06%	0.309%
11	7.257	875	878	879	rBV	7767	8010	1.15%	0.087%
12	7.351	885	894	897	rBV2	101701	170528	24.42%	1.860%
13	7.387	897	900	904	rVB	64506	78420	11.23%	0.855%
14	7.439	904	909	912	rVB5	18759	27026	3.87%	0.295%
15	7.481	912	916	917	rBV2	7867	10505	1.50%	0.115%
16	7.504	917	920	924	rVB3	8054	10450	1.50%	0.114%
17	7.592	925	935	944	rVB4	37520	92109	13.19%	1.005%
18	7.692	945	952	954	rBV5	22708	45744	6.55%	0.499%
19	7.757	959	963	966	rVB3	22750	32035	4.59%	0.349%
20	7.816	966	973	979	rBV6	35025	102366	14.66%	1.116%
21	7.869	979	982	984	rVV2	12116	14076	2.02%	0.154%
22	7.910	987	989	992	rVB	23101	23927	3.43%	0.261%
23	7.945	992	995	997	rBV	10121	10042	1.44%	0.110%
24	7.981	997	1001	1004	rVB2	11930	13433	1.92%	0.147%
25	8.069	1004	1016	1023	rBV2	346874	698176	100.00%	7.615%
26	8.134	1023	1027	1030	rVB3	45963	67419	9.66%	0.735%
27	8.163	1030	1032	1040	rVB5	19785	30895	4.43%	0.337%
28	8.245	1040	1046	1047	rBV5	18703	29849	4.28%	0.326%
29	8.269	1047	1050	1054	rVB2	32917	42065	6.02%	0.459%
30	8.316	1054	1058	1061	rBV3	14727	22958	3.29%	0.250%
31	8.369	1061	1067	1073	rBV7	47552	86521	12.39%	0.944%
32	8.422	1073	1076	1078	rBV2	25332	26842	3.84%	0.293%
33	8.451	1078	1081	1085	rVB3	34564	39633	5.68%	0.432%
34	8.492	1085	1088	1094	rBV2	49623	69228	9.92%	0.755%
35	8.575	1099	1102	1106	rBV2	72326	95080	13.62%	1.037%
36	8.663	1113	1117	1121	rBV	187529	240115	34.39%	2.619%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.733	1126	1129	1131	rVV2	23019	27279	3.91%	0.298%
38	8.828	1142	1145	1147	rBV3	12025	16404	2.35%	0.179%
39	8.898	1152	1157	1162	rVV5	68547	111856	16.02%	1.220%
40	8.951	1163	1166	1169	rBV4	17074	24277	3.48%	0.265%
41	9.028	1175	1179	1183	rVB3	49931	80333	11.51%	0.876%
42	9.069	1183	1186	1187	rBV	25623	25004	3.58%	0.273%
43	9.092	1187	1190	1195	rVV3	60610	92891	13.30%	1.013%
44	9.145	1195	1199	1204	rVB	162082	200932	28.78%	2.191%
45	9.228	1209	1213	1218	rBV	241476	339101	48.57%	3.698%
46	9.298	1222	1225	1232	rVB	47642	66306	9.50%	0.723%
47	9.486	1250	1257	1259	rBV5	53816	116854	16.74%	1.274%
48	9.551	1263	1268	1270	rBV3	90046	137472	19.69%	1.499%
49	9.610	1275	1278	1281	rVB	53947	63410	9.08%	0.692%
50	9.763	1299	1304	1308	rVB	268853	329485	47.19%	3.594%
51	9.828	1308	1315	1320	rBV	326018	442526	63.38%	4.826%
52	9.933	1331	1333	1338	rVB4	22303	25495	3.65%	0.278%
53	9.992	1339	1343	1345	rBV2	43947	66730	9.56%	0.728%
54	10.080	1355	1358	1362	rBV4	49977	65883	9.44%	0.719%
55	10.263	1384	1389	1393	rBV	280573	355414	50.91%	3.876%
56	10.480	1421	1426	1432	rBV	103219	168676	24.16%	1.840%
57	10.539	1432	1436	1438	rBV2	37584	46403	6.65%	0.506%
58	10.616	1444	1449	1453	rVB2	91307	137282	19.66%	1.497%
59	10.733	1465	1469	1478	rVB	297175	477516	68.39%	5.208%
60	10.927	1499	1502	1504	rBV	26557	37160	5.32%	0.405%
61	11.186	1541	1546	1549	rBV	232792	330134	47.29%	3.601%
62	11.210	1549	1550	1557	rVB	93505	106752	15.29%	1.164%
63	11.316	1563	1568	1574	rBV	334264	452277	64.78%	4.933%
64	11.492	1596	1598	1602	rVB	19789	20334	2.91%	0.222%
65	11.610	1614	1618	1623	rBV	208863	254743	36.49%	2.778%
66	12.016	1683	1687	1696	rVB	170852	227913	32.64%	2.486%
67	12.298	1733	1735	1740	rVB	19269	21694	3.11%	0.237%
68	12.410	1750	1754	1758	rVB	133221	166793	23.89%	1.819%
69	12.780	1810	1817	1821	rBV2	95352	153532	21.99%	1.675%
70	12.904	1833	1838	1846	rVB	184936	261360	37.43%	2.851%
71	13.139	1874	1878	1883	rBV	57414	76764	10.99%	0.837%
72	13.480	1933	1936	1940	rBV	36428	44272	6.34%	0.483%
73	13.957	2013	2017	2024	rBV	237908	319760	45.80%	3.487%
74	15.421	2261	2266	2281	rVB	148630	265392	38.01%	2.895%

Sum of corrected areas: 9168778

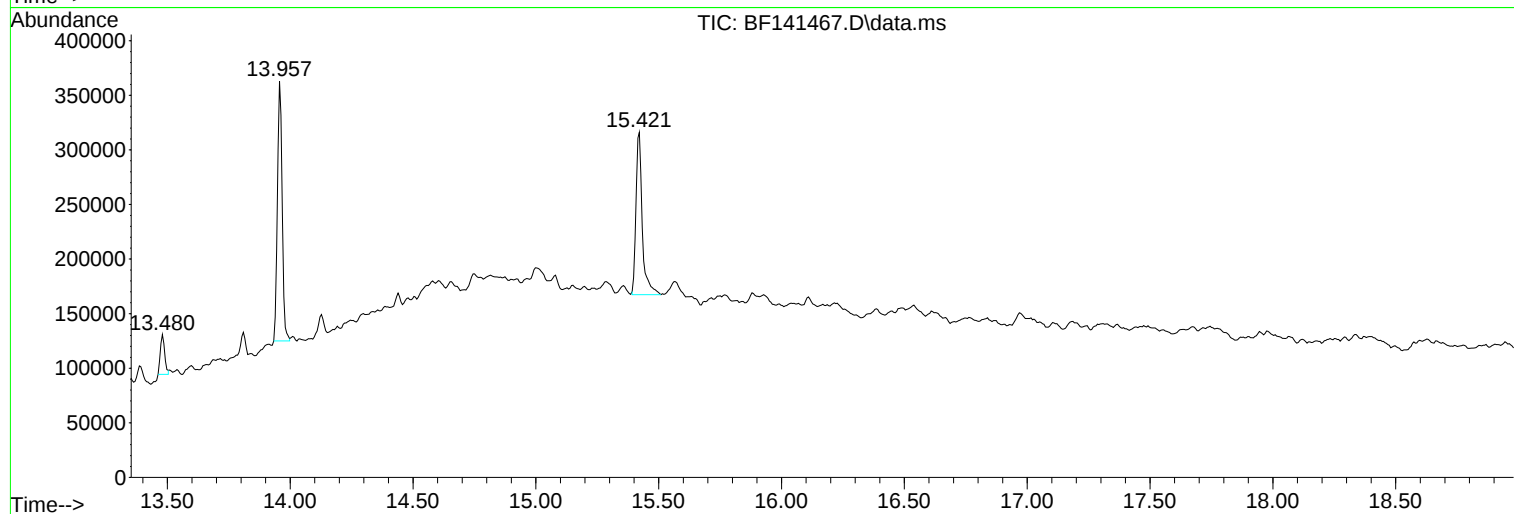
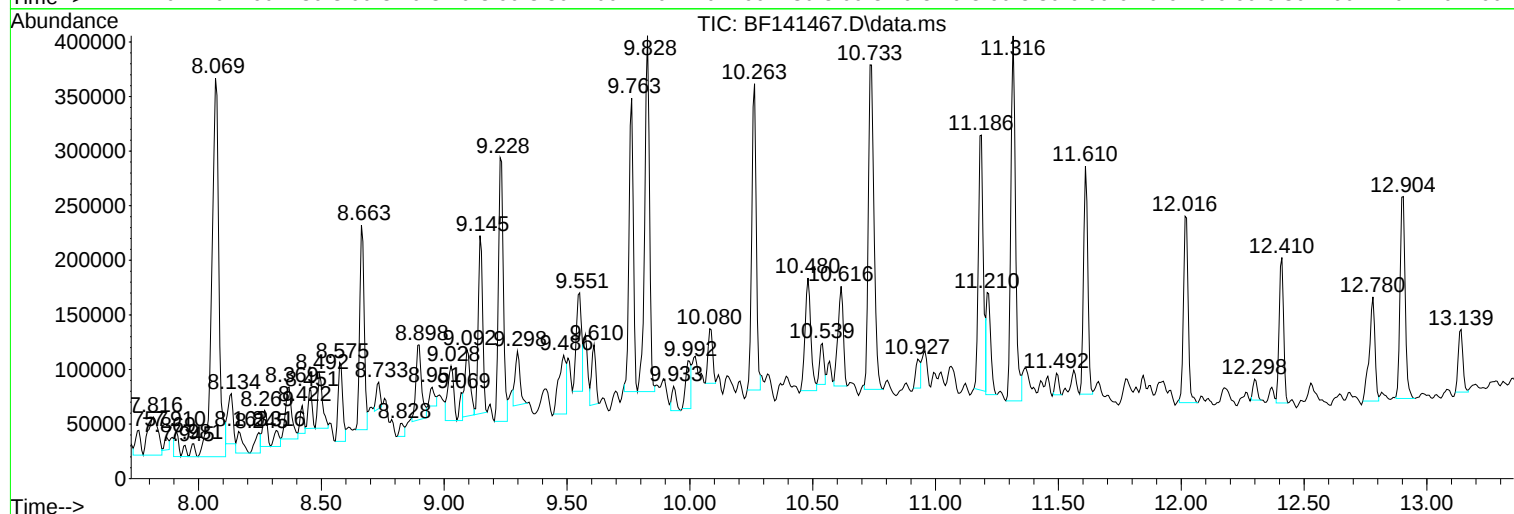
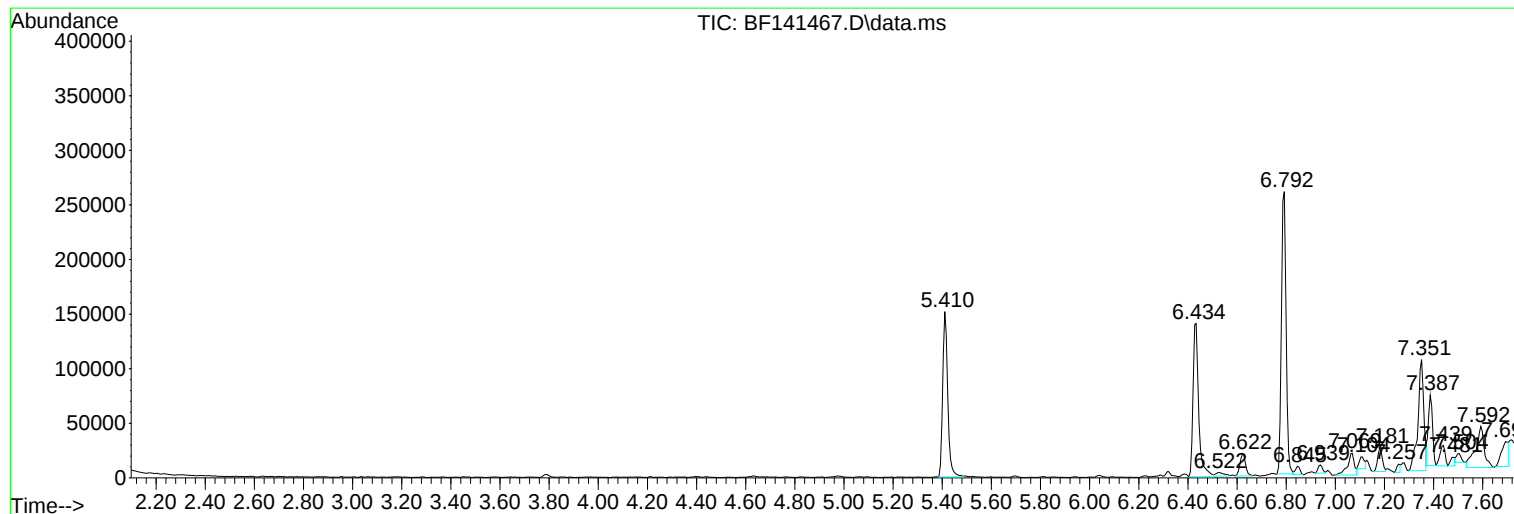
Instrument :
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-2-4-2025

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



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Instrument :
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SU-03-2-4-2025

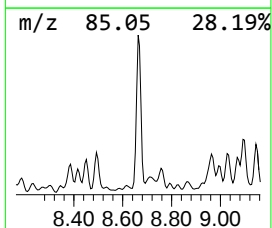
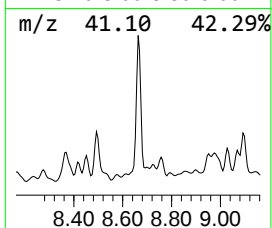
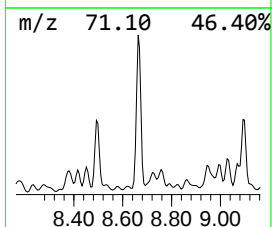
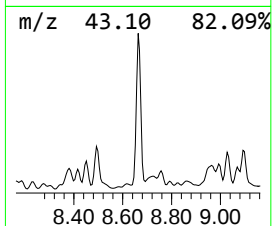
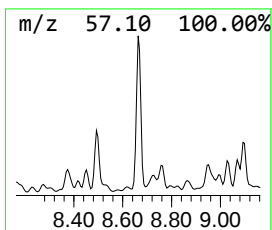
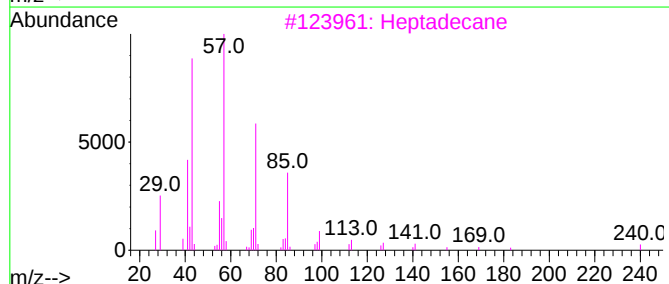
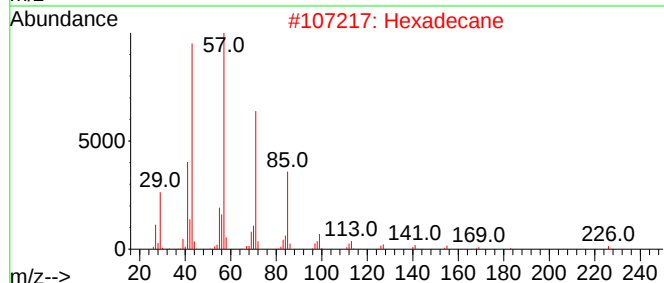
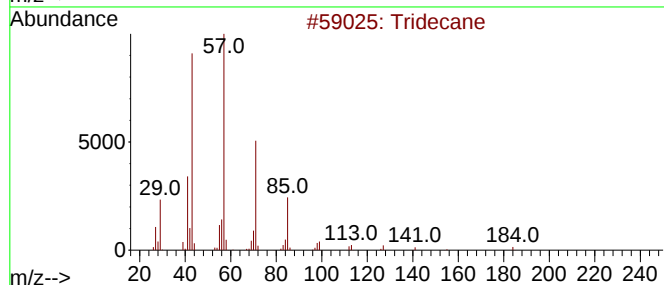
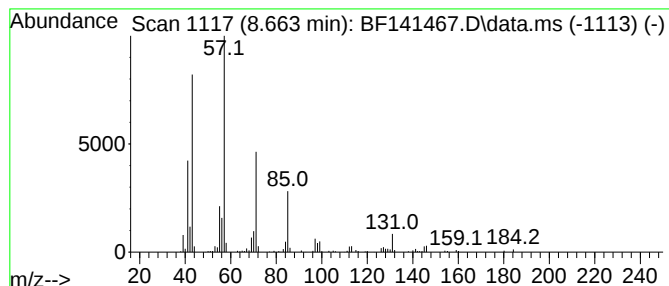
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.663	6.88 ng	240115	Naphthalene-d8	8.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Hexadecane	226	C16H34	000544-76-3	87
3			Heptadecane	240	C17H36	000629-78-7	86
4			Decane	142	C10H22	000124-18-5	76
5			Undecane	156	C11H24	001120-21-4	72



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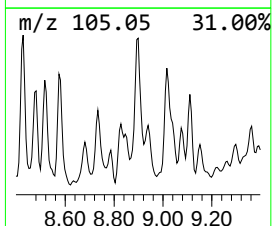
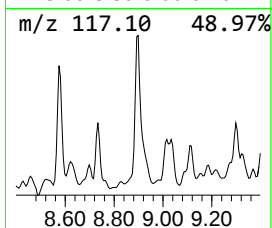
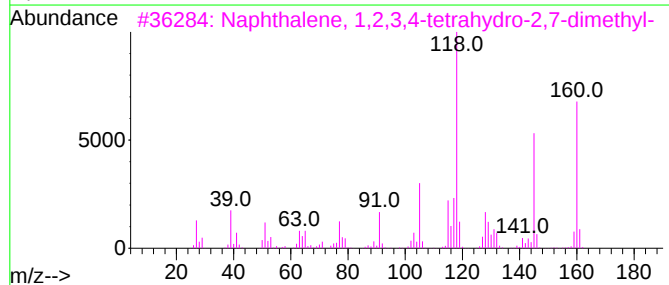
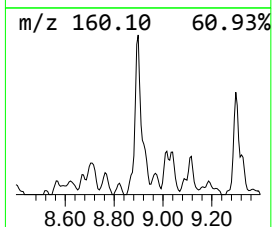
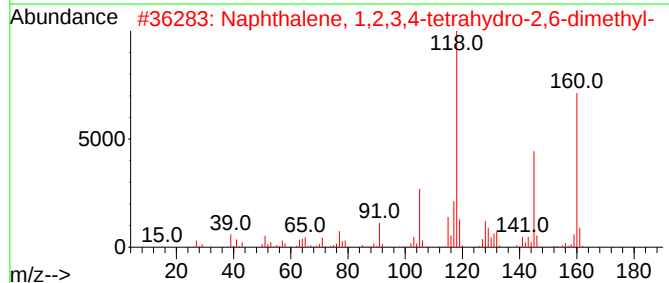
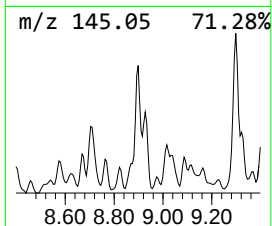
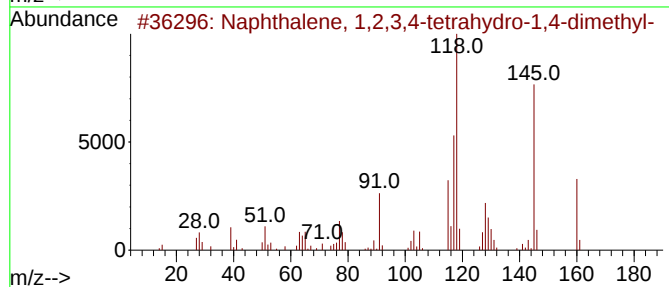
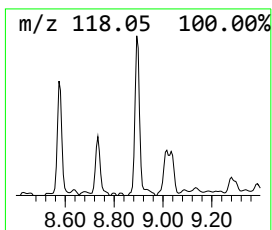
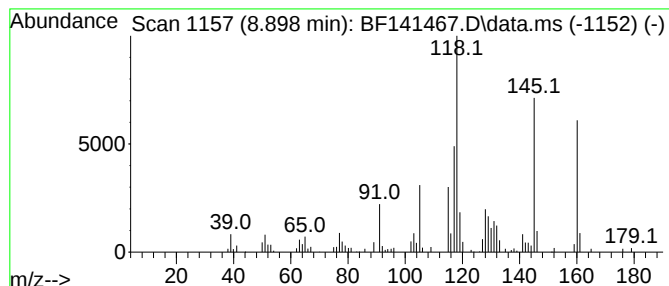
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.898	3.20 ng	111856	Naphthalene-d8	8.075	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	87
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	81
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	53
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	50



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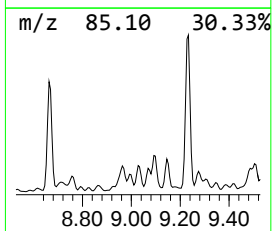
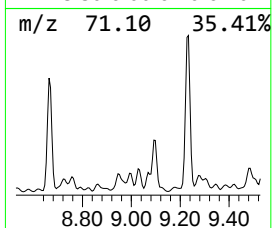
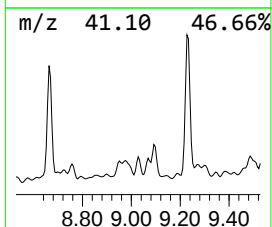
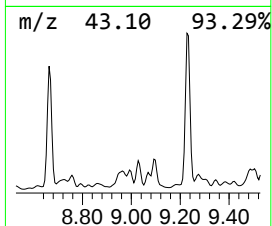
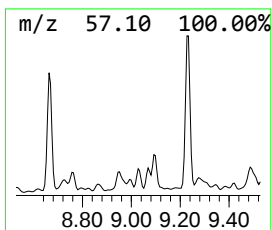
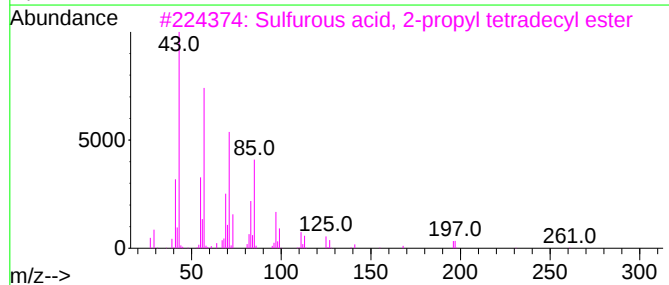
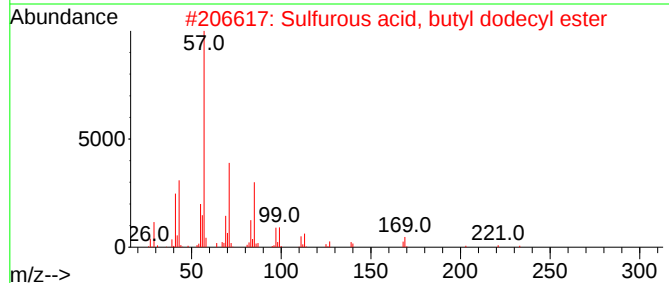
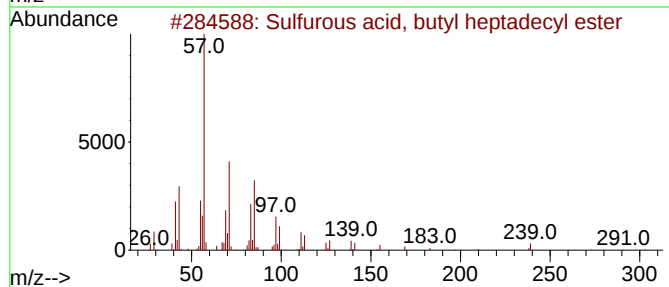
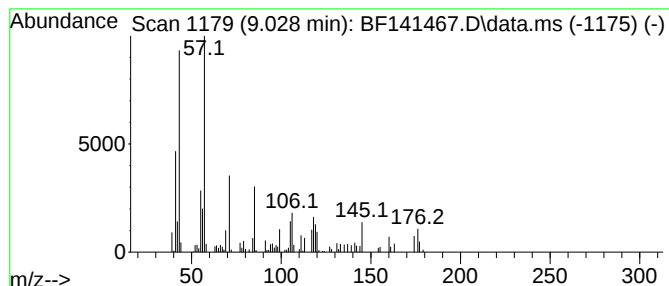
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown9.028 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.028	3.63 ng	80333	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	27
2			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	27
3			Sulfurous acid, 2-propyl tetradecyl...	320	C17H36O3S	1010309-12-5	27
4			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	27
5			Pentadecane	212	C15H32	000629-62-9	27



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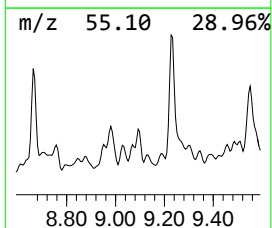
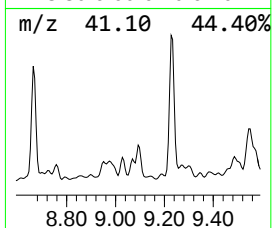
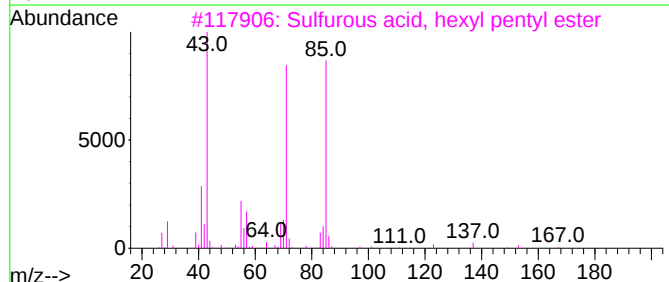
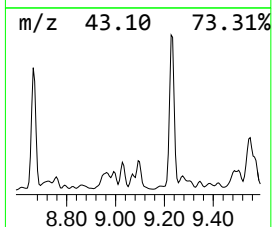
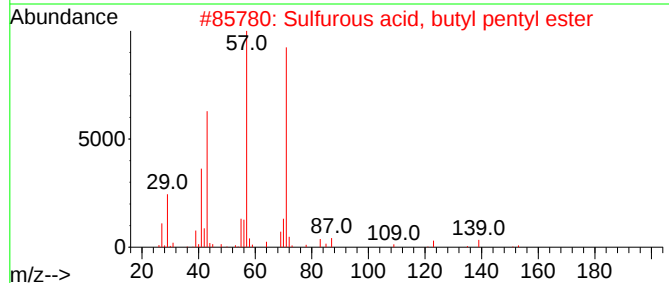
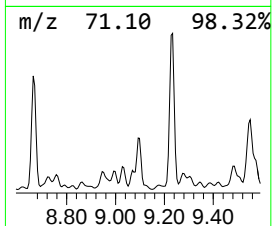
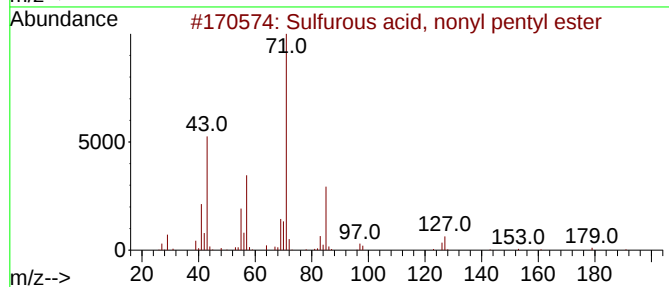
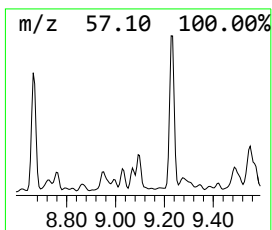
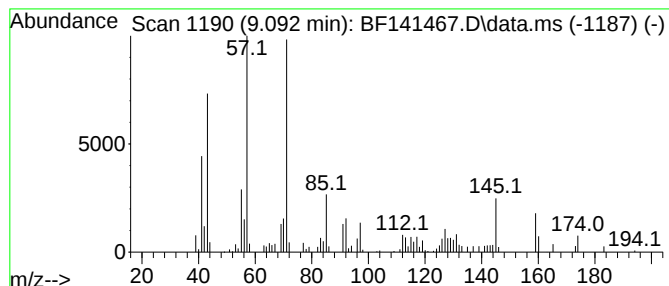
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown9.092 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.092	4.20 ng	92891	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	49
2			Sulfurous acid, butyl pentyl ester	208	C9H20O3S	1000309-17-1	43
3			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	43
4			2,3'-Bifuran, octahydro-	142	C8H14O2	073373-15-6	38
5			2-Bromo dodecane	248	C12H25Br	013187-99-0	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141467.D
Acq On : 06 Feb 2025 00:07
Operator : RC/JU
Sample : Q1284-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-2-4-2025

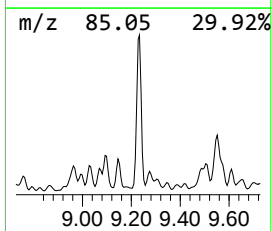
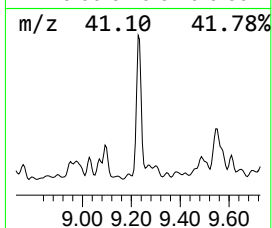
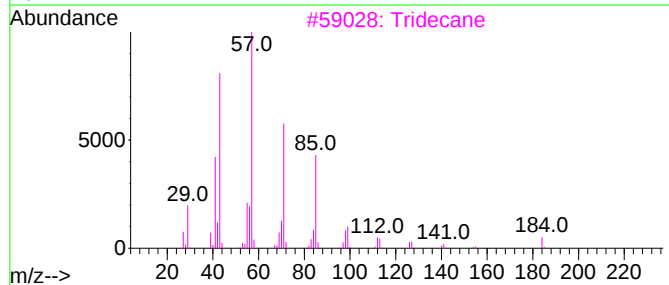
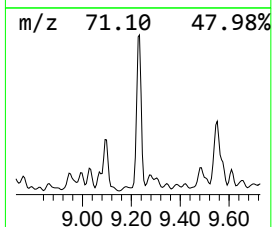
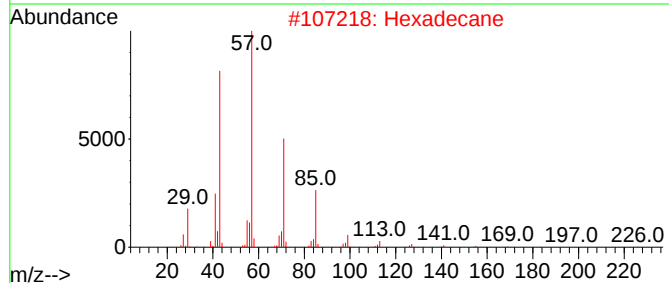
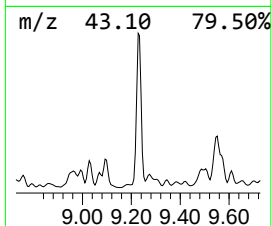
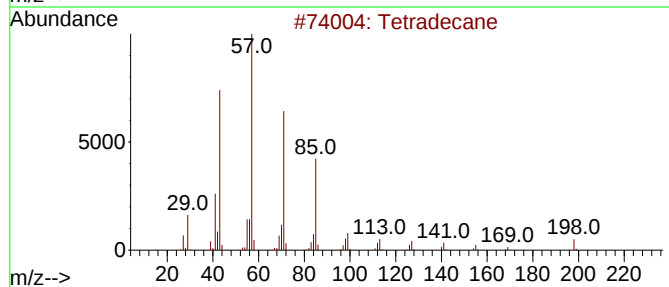
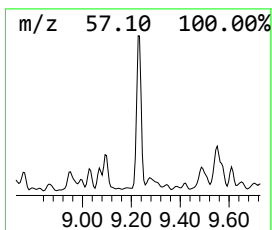
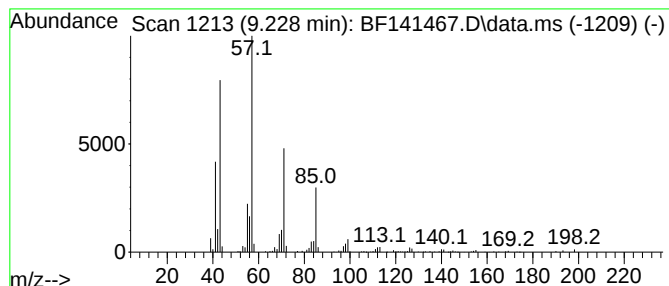
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.228	15.33 ng	339101	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	95
2			Hexadecane	226	C16H34	000544-76-3	90
3			Tridecane	184	C13H28	000629-50-5	90
4			Nonadecane	268	C19H40	000629-92-5	86
5			Tridecane, 6-methyl-	198	C14H30	013287-21-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141467.D
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Operator : RC/JU
Sample : Q1284-01 5X
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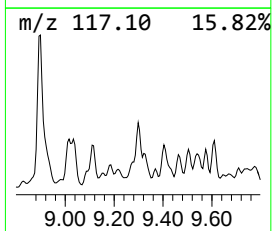
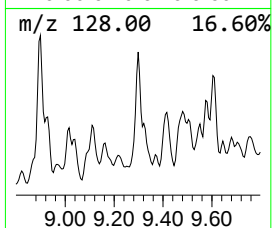
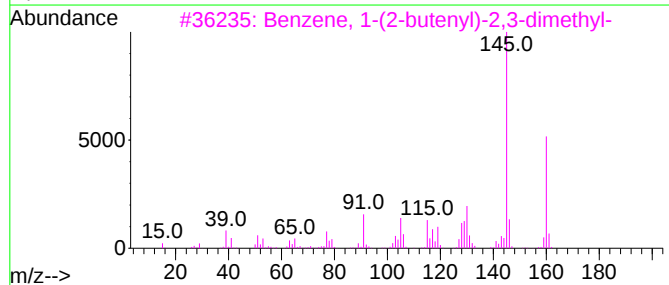
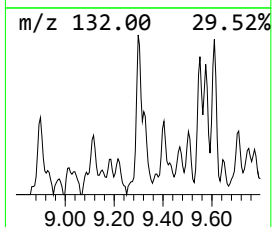
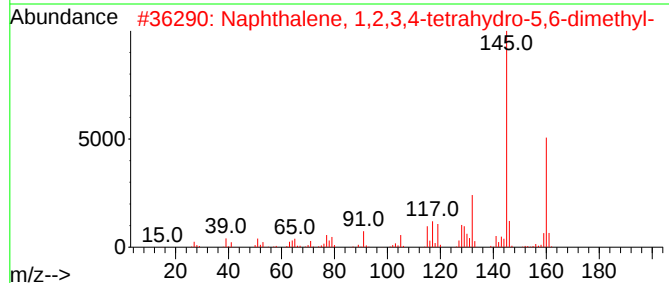
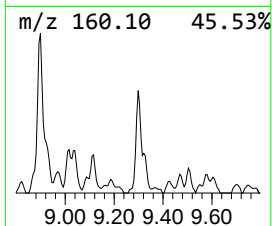
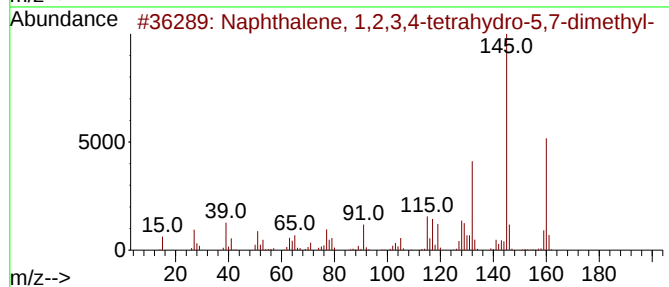
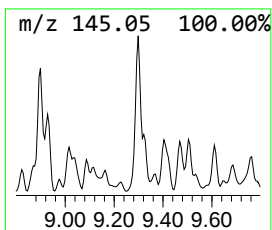
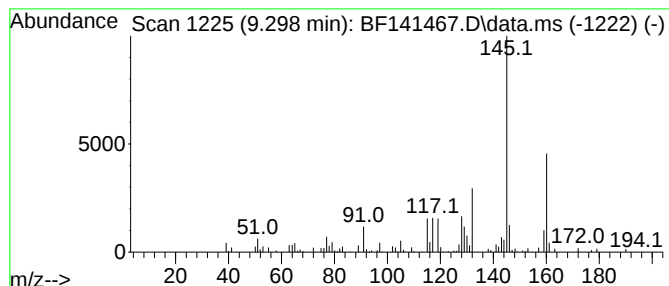
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.298	3.00 ng	66306	Acenaphthene-d10	9.828	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	91
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	80
5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141467.D
Acq On : 06 Feb 2025 00:07
Operator : RC/JU
Sample : Q1284-01 5X
Misc :
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Instrument :
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ClientSampleId :
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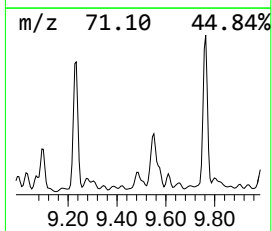
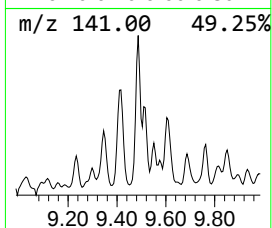
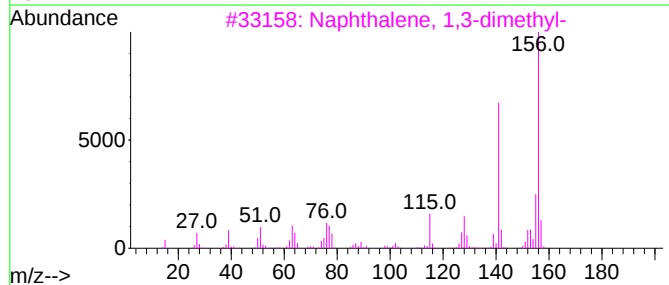
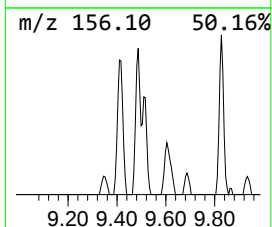
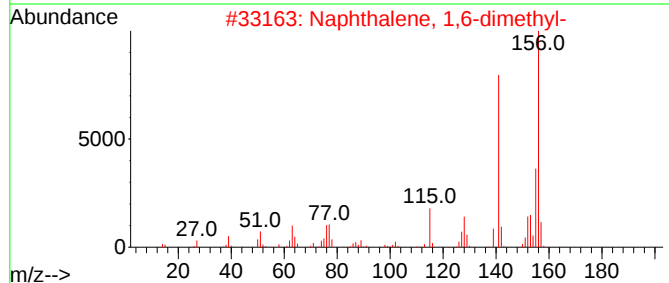
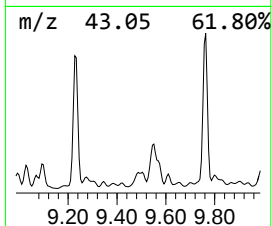
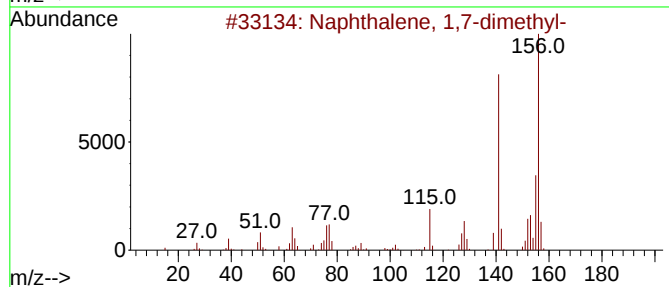
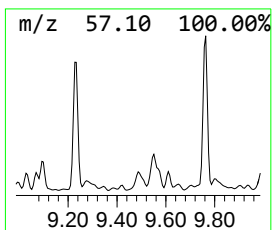
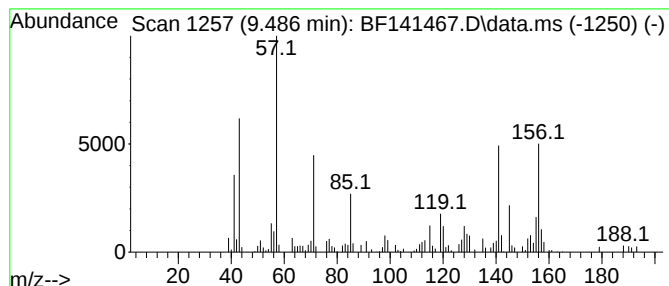
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	5.28 ng	116854	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	89
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	89
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	86
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	86
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141467.D
Acq On : 06 Feb 2025 00:07
Operator : RC/JU
Sample : Q1284-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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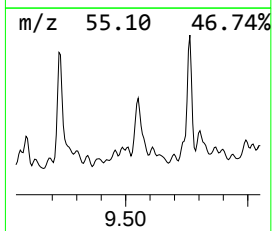
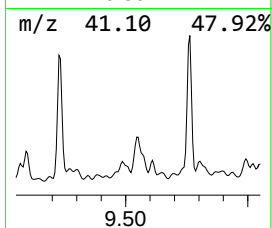
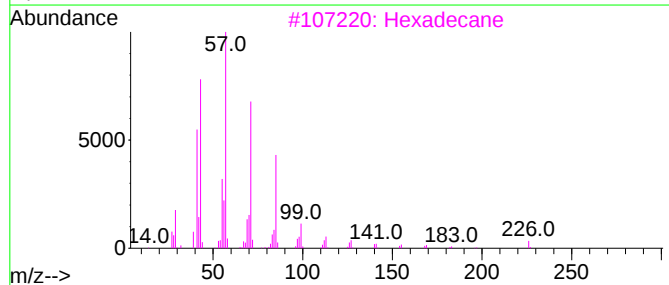
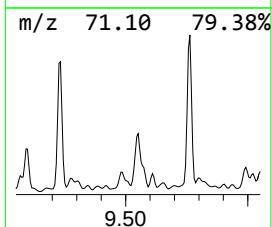
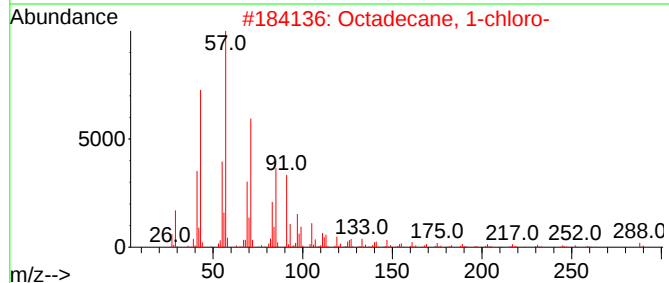
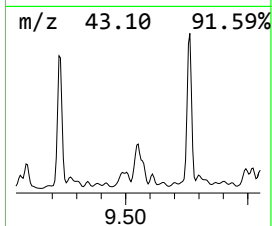
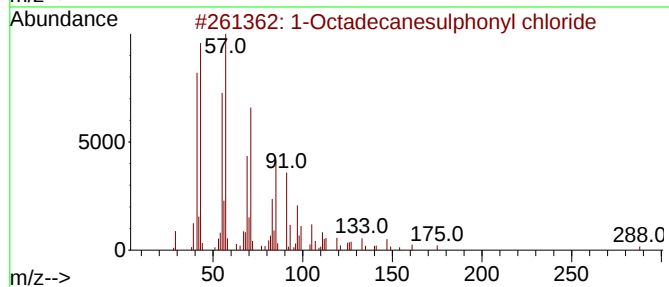
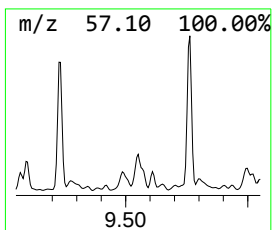
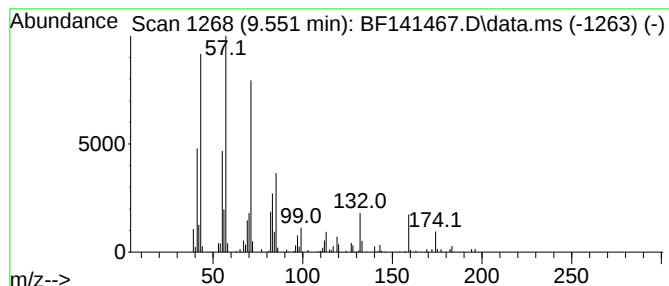
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Octadecanesulphonyl chloride Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	6.21 ng	137472	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	83
2			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	80
3			Hexadecane	226	C16H34	000544-76-3	76
4			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	72
5			Nonadecane	268	C19H40	000629-92-5	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141467.D
Acq On : 06 Feb 2025 00:07
Operator : RC/JU
Sample : Q1284-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-03-2-4-2025

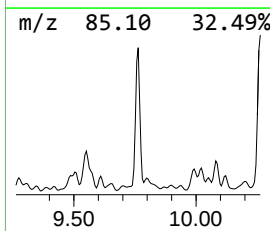
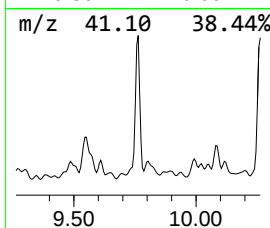
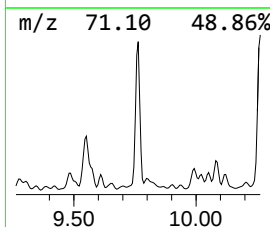
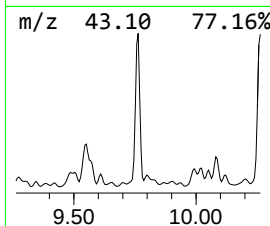
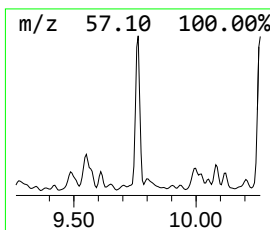
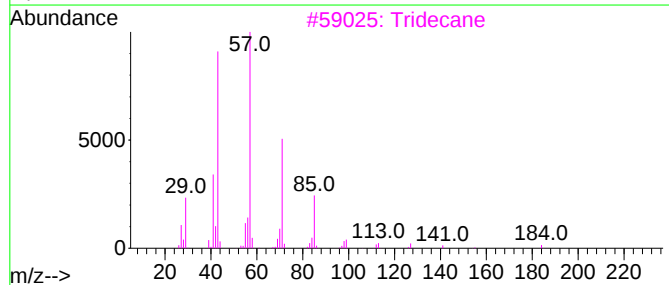
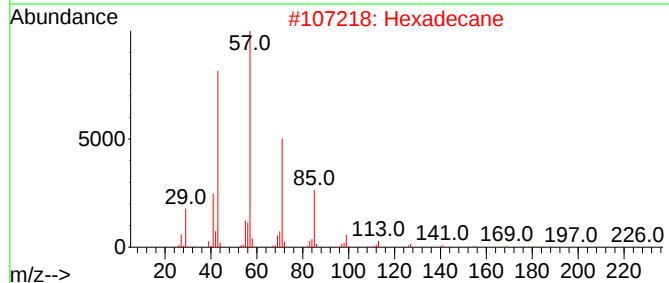
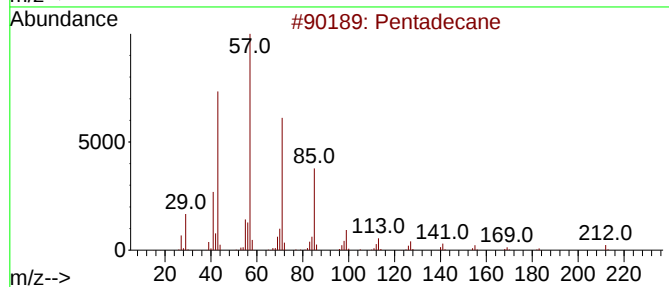
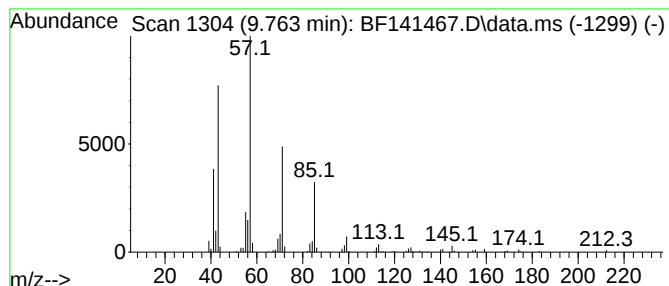
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.763	14.89 ng	329485	Acenaphthene-d10	9.828

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			Tridecane	184	C13H28	000629-50-5	90
4			Undecane	156	C11H24	001120-21-4	86
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141467.D
Acq On : 06 Feb 2025 00:07
Operator : RC/JU
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-03-2-4-2025

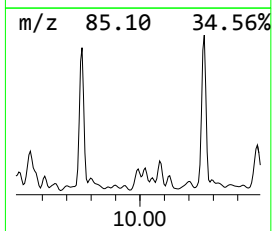
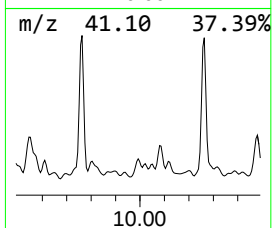
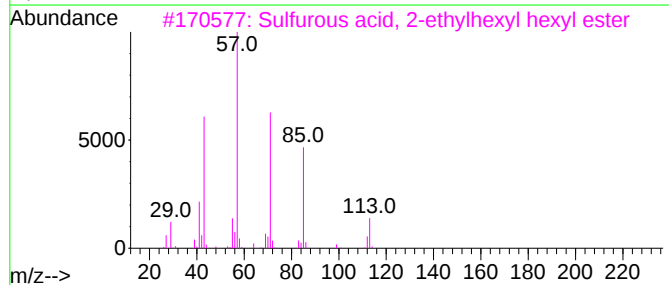
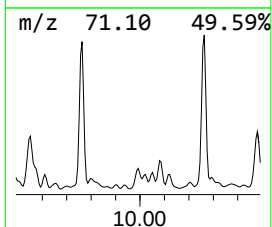
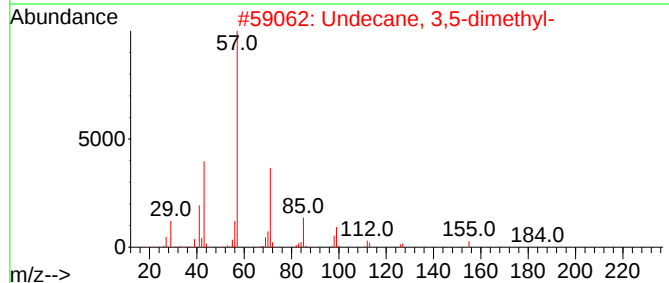
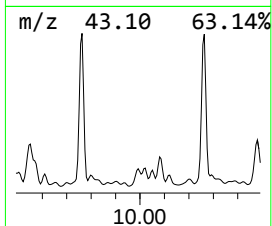
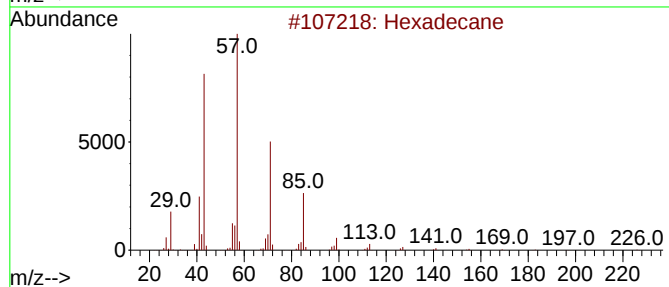
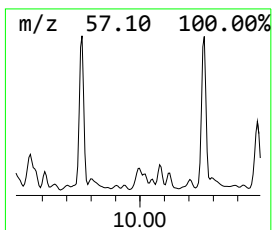
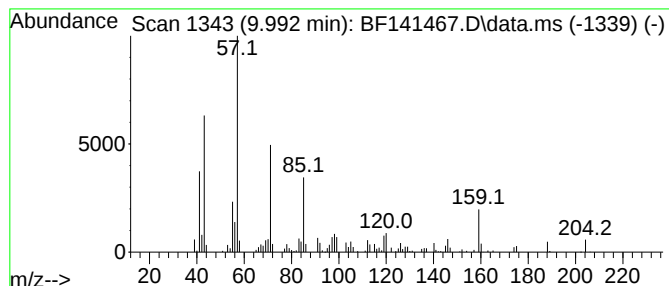
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.992 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.992	3.02 ng	66730	Acenaphthene-d10	9.828

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	49
2		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	47
3		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47
4		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	47
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141467.D
Acq On : 06 Feb 2025 00:07
Operator : RC/JU
Sample : Q1284-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
SU-03-2-4-2025

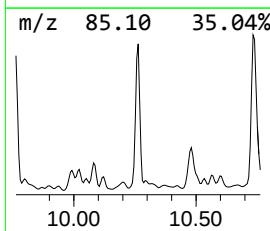
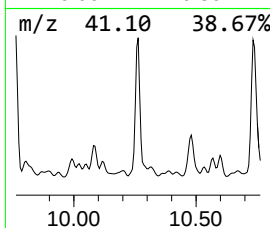
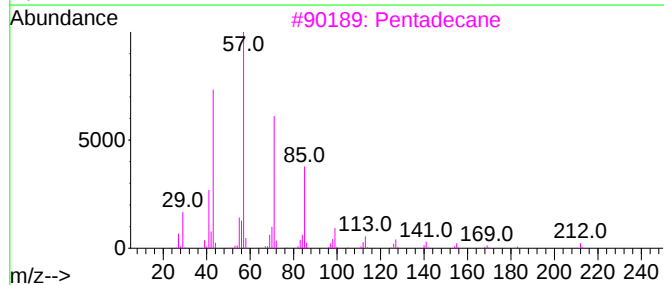
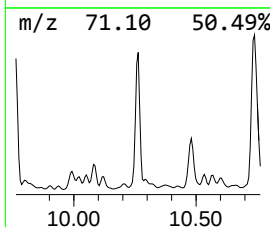
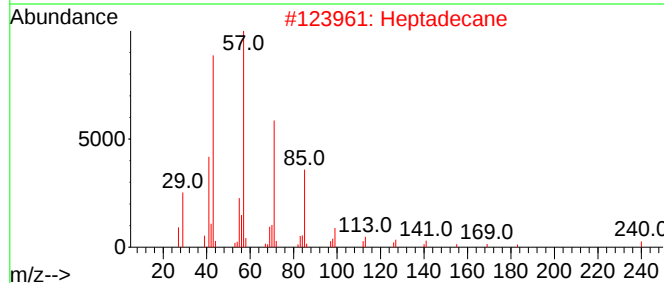
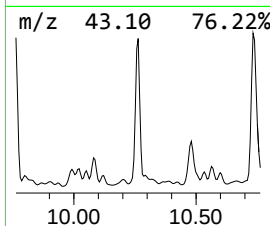
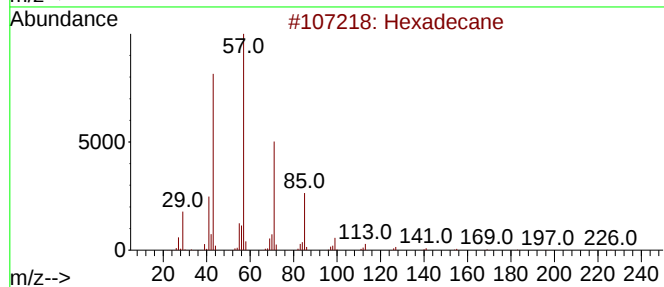
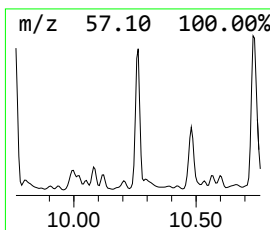
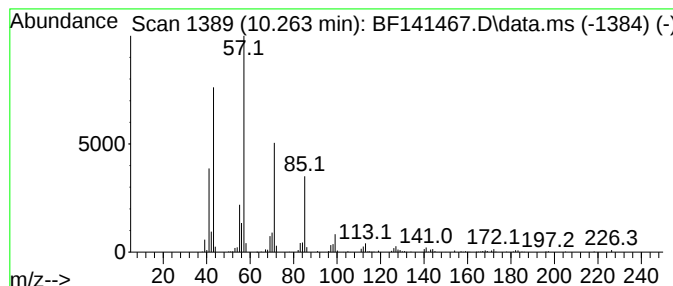
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.263	16.06 ng	355414	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	97
2			Heptadecane	240	C17H36	000629-78-7	91
3			Pentadecane	212	C15H32	000629-62-9	90
4			Tridecane	184	C13H28	000629-50-5	90
5			Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141467.D
Acq On : 06 Feb 2025 00:07
Operator : RC/JU
Sample : Q1284-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-2-4-2025

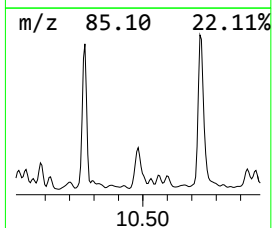
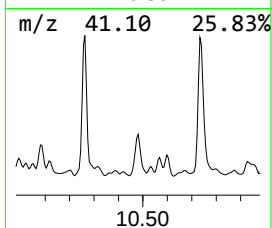
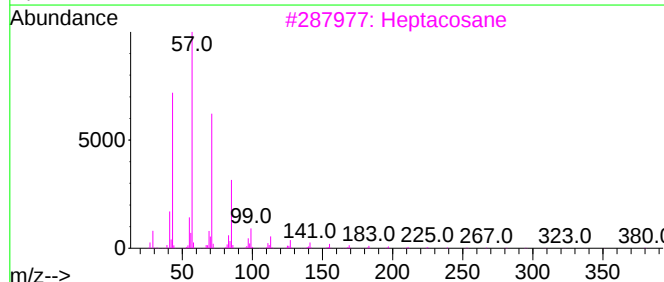
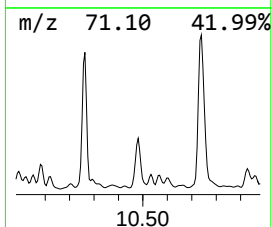
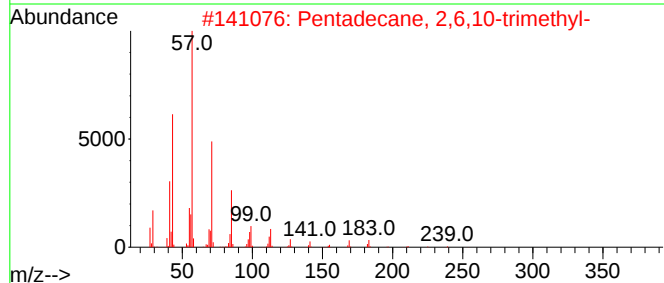
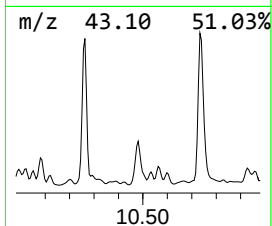
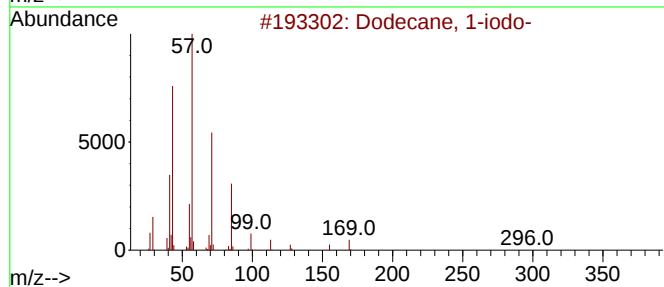
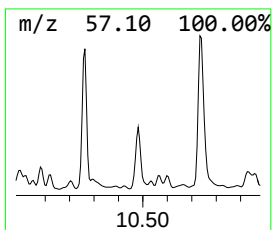
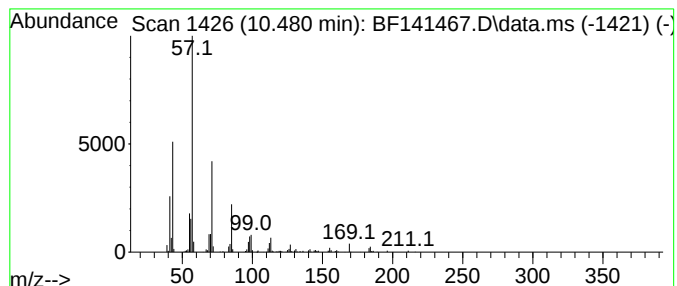
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.480	7.62 ng	168676	Acenaphthene-d10	9.828

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
3		Heptacosane	380	C27H56	000593-49-7	80
4		Tridecane	184	C13H28	000629-50-5	74
5		Decane, 2-methyl-	156	C11H24	006975-98-0	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141467.D
Acq On : 06 Feb 2025 00:07
Operator : RC/JU
Sample : Q1284-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-2-4-2025

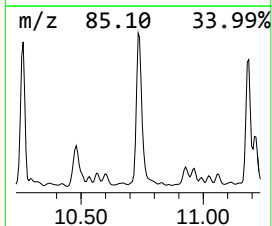
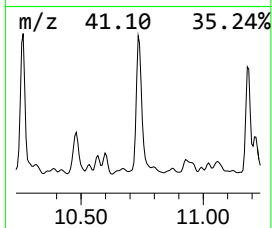
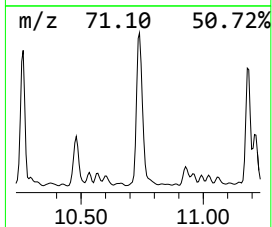
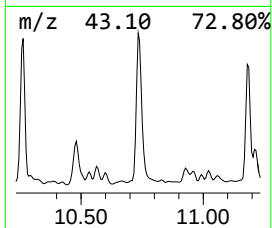
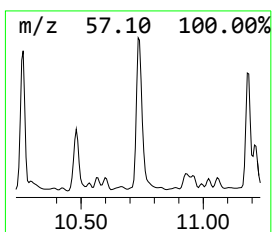
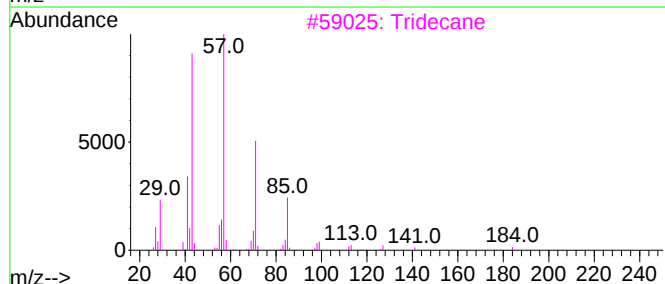
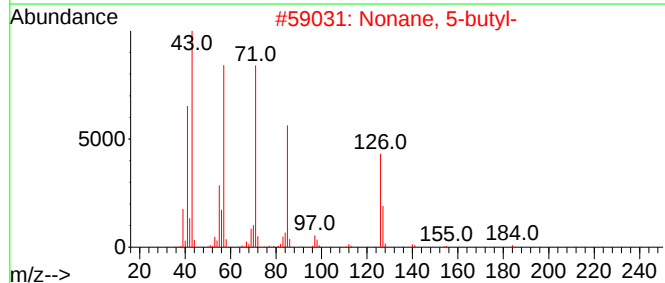
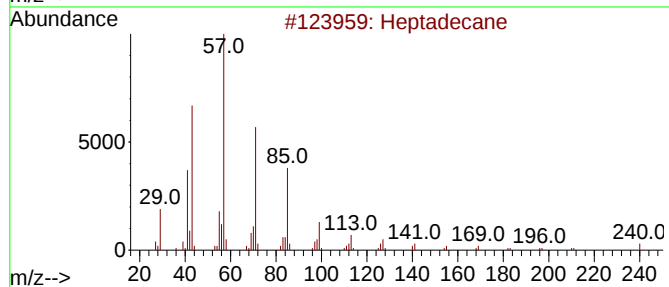
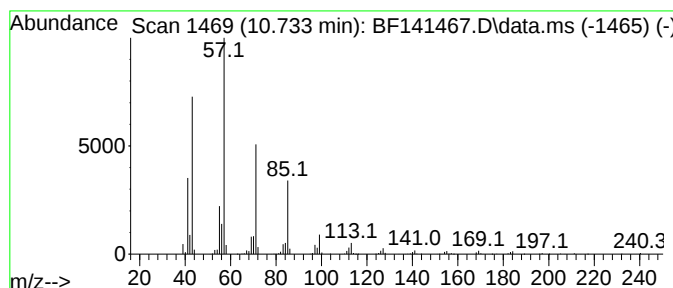
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.733	21.12 ng	477516	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	97
2			Nonane, 5-butyl-	184	C13H28	017312-63-9	94
3			Tridecane	184	C13H28	000629-50-5	91
4			Nonadecane	268	C19H40	000629-92-5	91
5			Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141467.D
Acq On : 06 Feb 2025 00:07
Operator : RC/JU
Sample : Q1284-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-2-4-2025

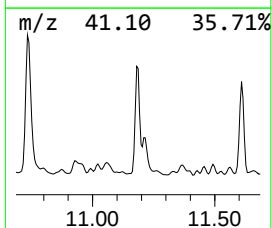
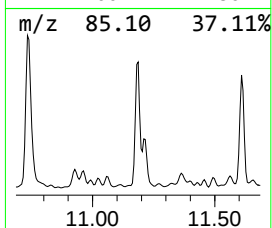
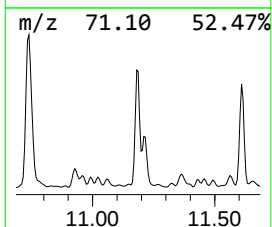
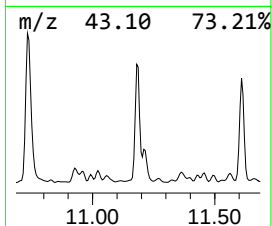
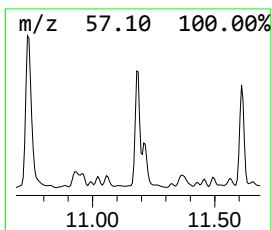
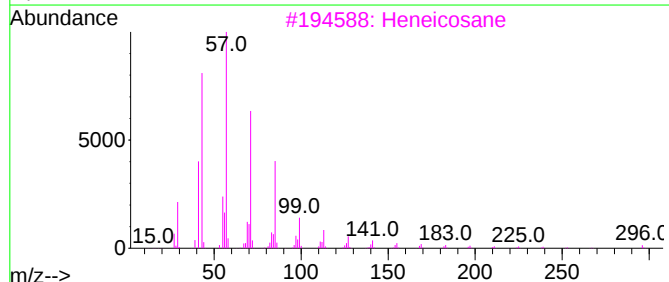
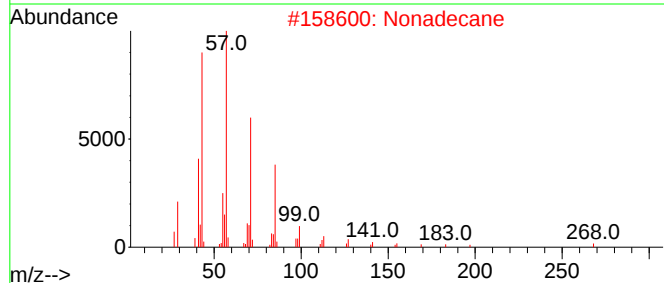
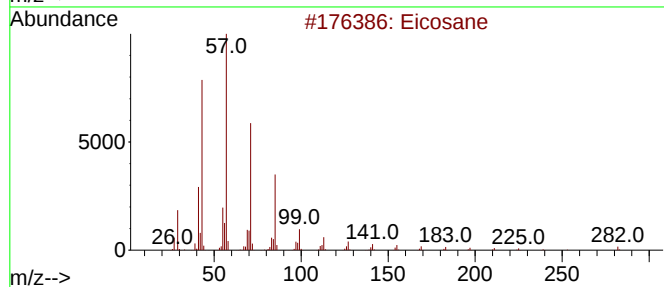
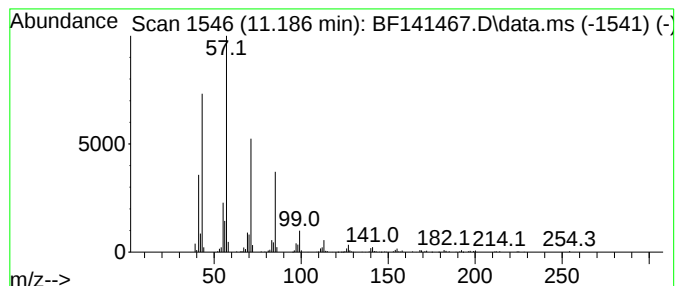
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.186	14.60 ng	330134	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	91
2			Nonadecane	268	C19H40	000629-92-5	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Heptadecane	240	C17H36	000629-78-7	91
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141467.D
Acq On : 06 Feb 2025 00:07
Operator : RC/JU
Sample : Q1284-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-03-2-4-2025

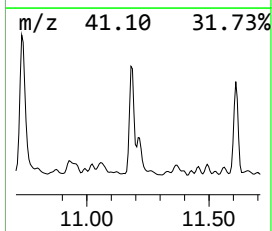
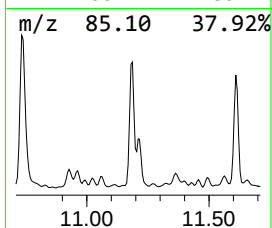
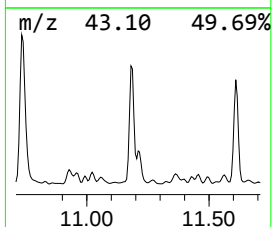
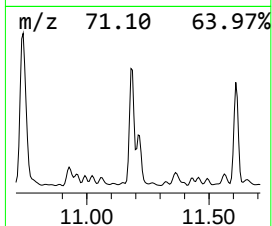
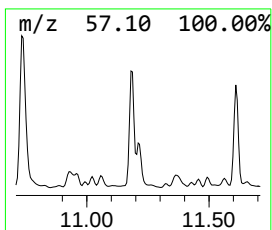
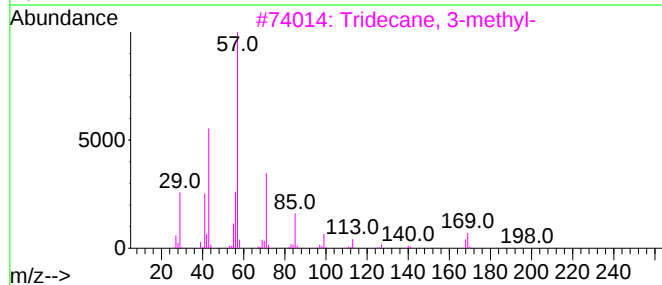
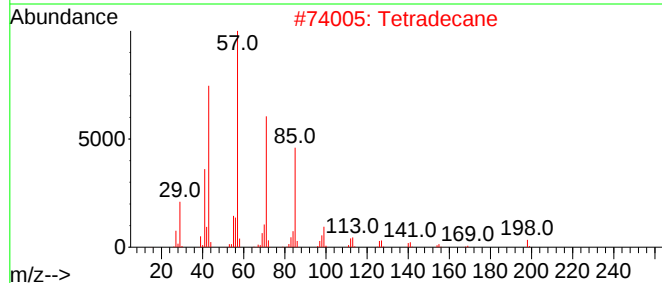
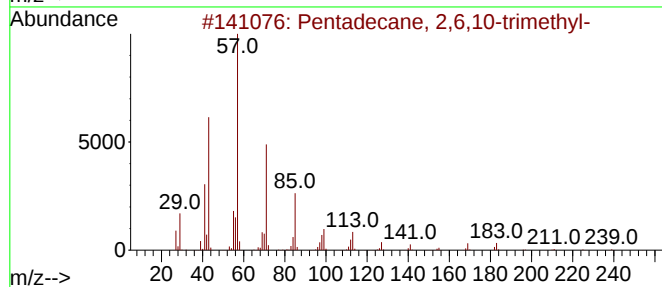
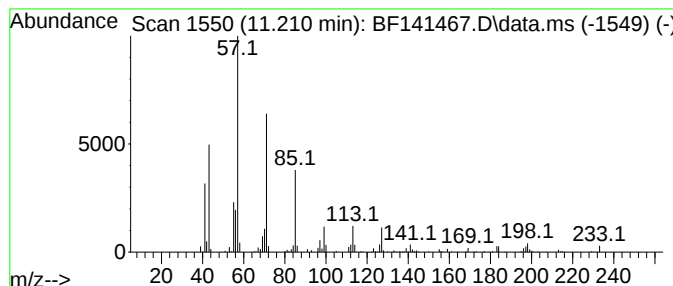
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecane, 2,6,10-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.210	4.72 ng	106752	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	78
2			Tetradecane	198	C14H30	000629-59-4	74
3			Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141467.D
Acq On : 06 Feb 2025 00:07
Operator : RC/JU
Sample : Q1284-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-2-4-2025

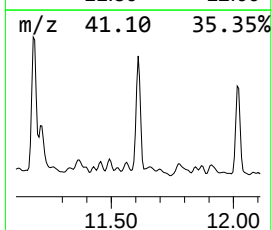
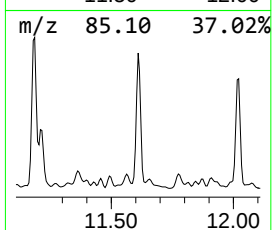
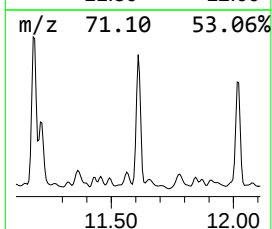
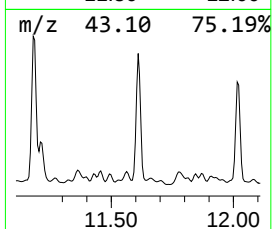
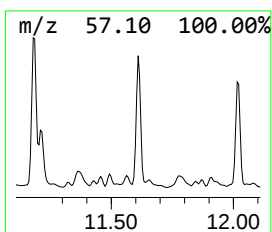
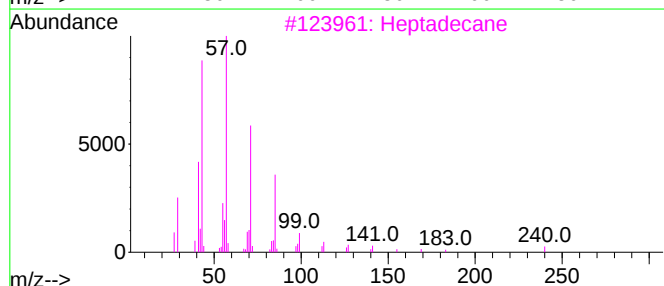
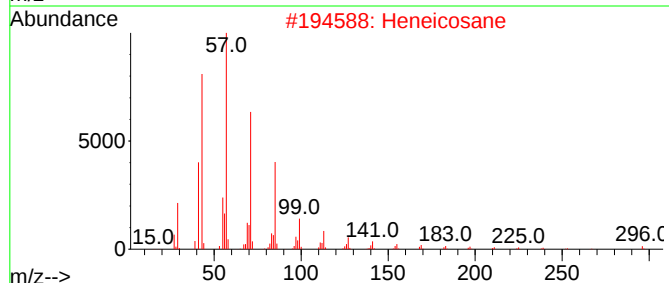
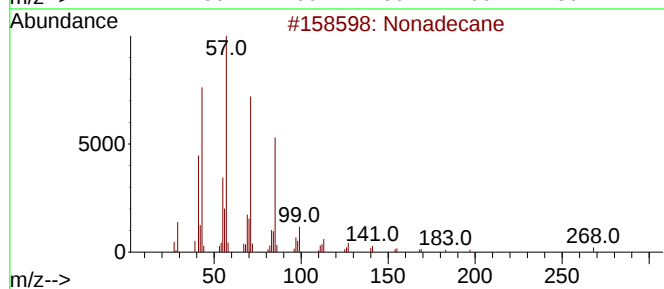
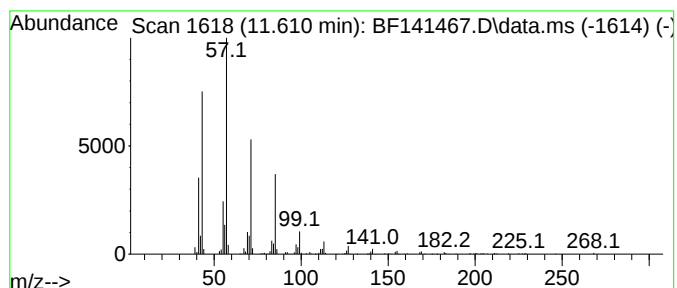
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	11.26 ng	254743	Phenanthrene-d10	11.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141467.D
Acq On : 06 Feb 2025 00:07
Operator : RC/JU
Sample : Q1284-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-03-2-4-2025

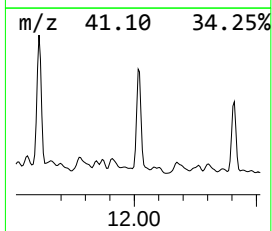
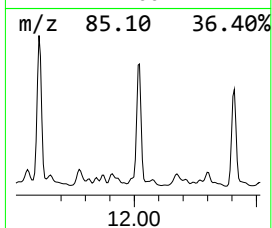
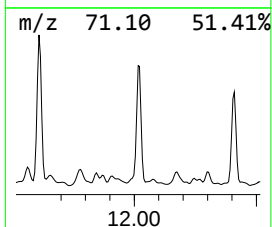
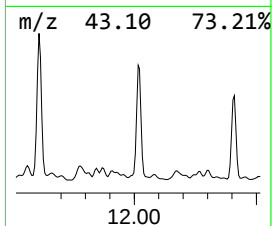
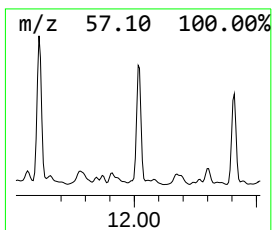
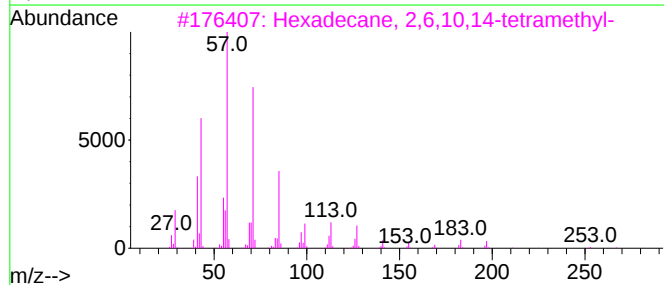
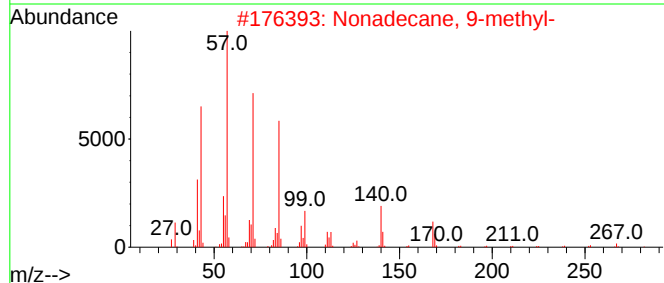
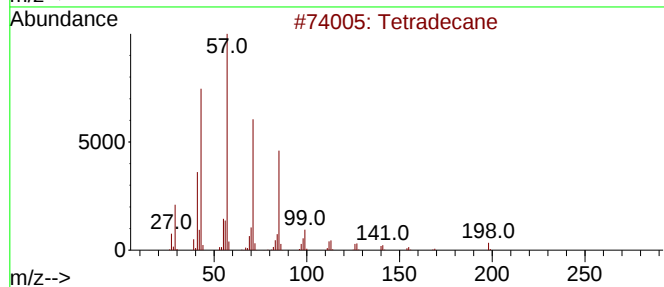
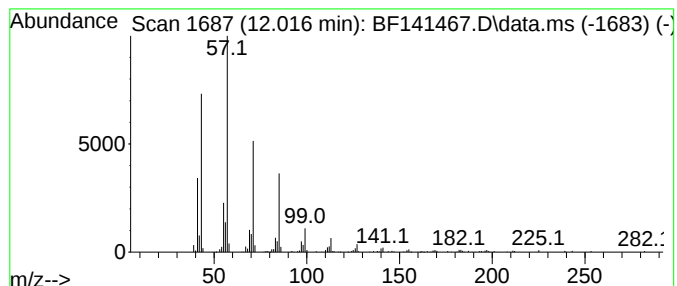
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Nonadecane, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	10.08 ng	227913	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	94
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
4			Nonadecane	268	C19H40	000629-92-5	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
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Acq On : 06 Feb 2025 00:07
Operator : RC/JU
Sample : Q1284-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

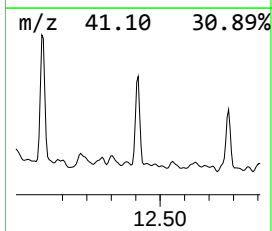
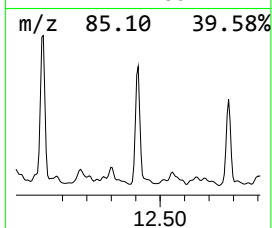
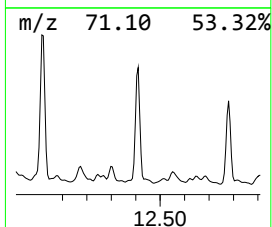
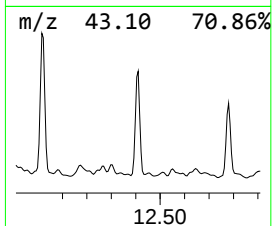
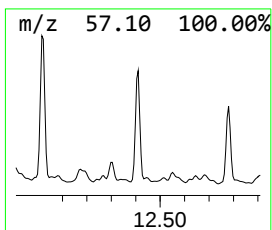
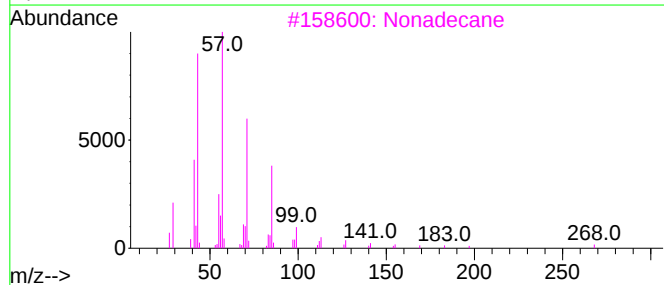
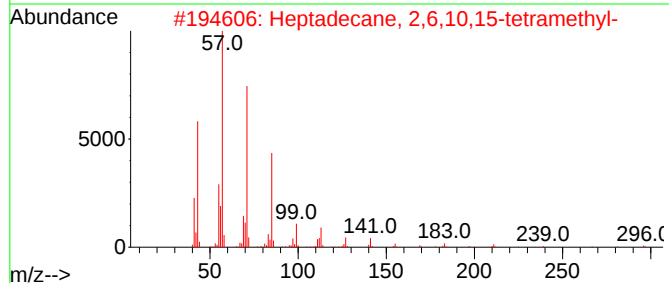
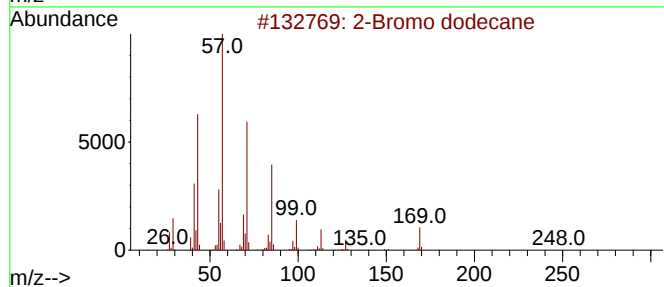
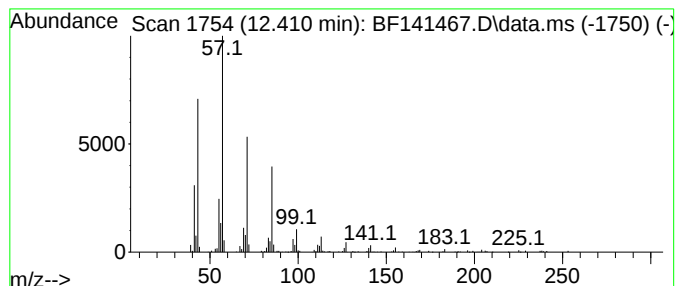
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ClientSampleId :
SU-03-2-4-2025

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 18 2-Bromo dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.410	7.38 ng	166793	Phenanthrene-d10	11.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141467.D
Acq On : 06 Feb 2025 00:07
Operator : RC/JU
Sample : Q1284-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-2-4-2025

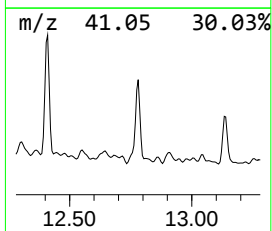
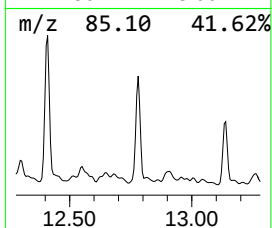
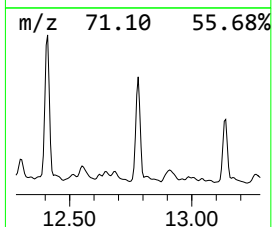
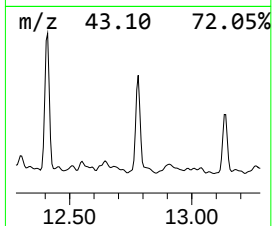
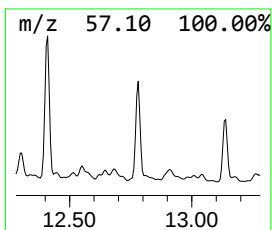
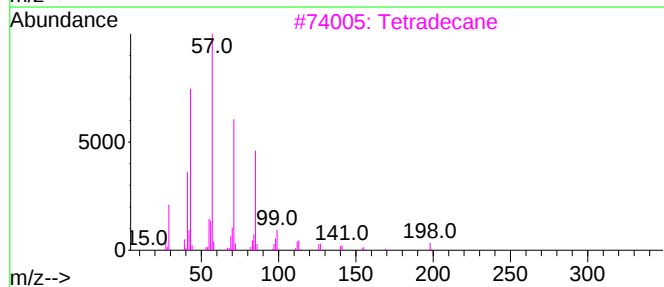
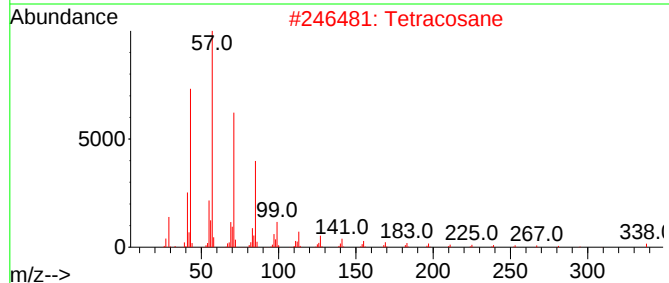
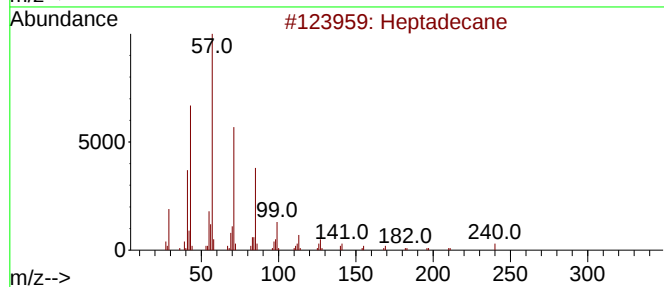
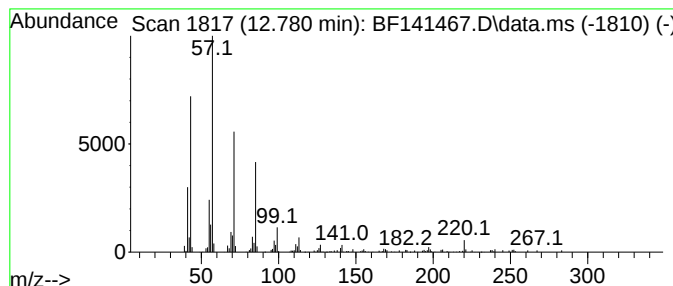
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	9.60 ng	153532	Chrysene-d12	13.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	95
2			Tetracosane	338	C24H50	000646-31-1	83
3			Tetradecane	198	C14H30	000629-59-4	80
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5			Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141467.D
Acq On : 06 Feb 2025 00:07
Operator : RC/JU
Sample : Q1284-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-2-4-2025

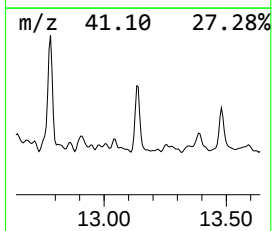
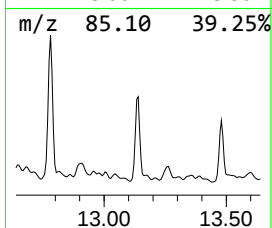
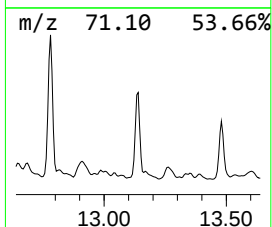
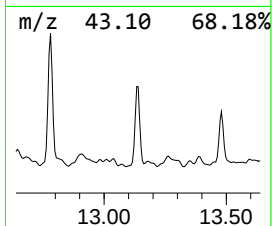
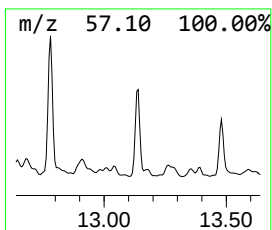
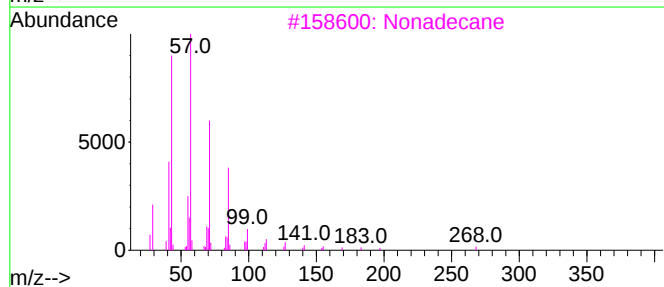
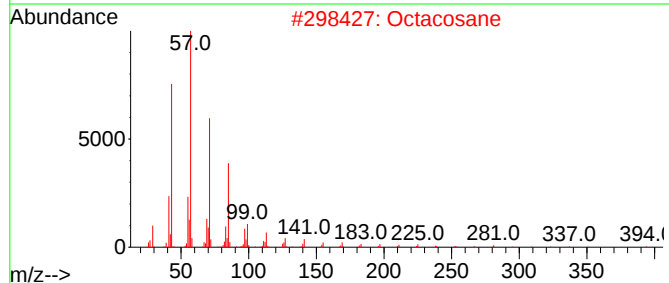
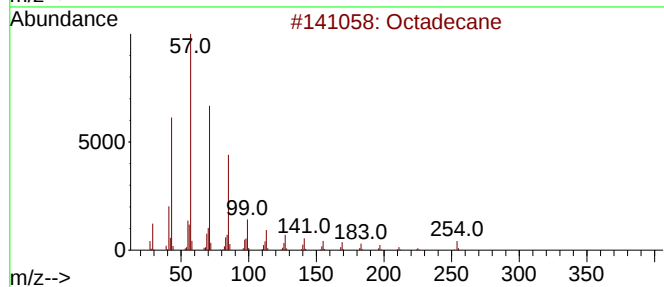
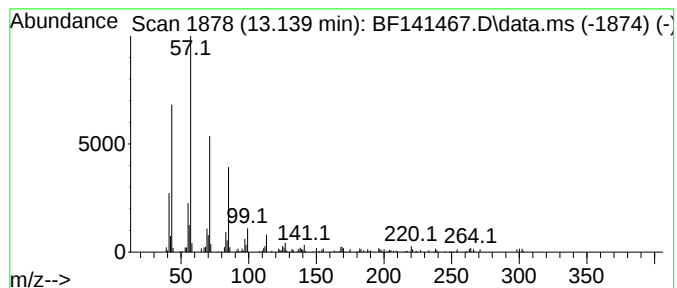
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.139	4.80 ng	76764	Chrysene-d12	13.957

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	90
2		Octacosane	394	C28H58	000630-02-4	87
3		Nonadecane	268	C19H40	000629-92-5	87
4		Tetradecane	198	C14H30	000629-59-4	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141467.D
Acq On : 06 Feb 2025 00:07
Operator : RC/JU
Sample : Q1284-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-2-4-2025

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
Tridecane	8.663	6.9	ng	240115	2	8.075	698176	20.0
Naphthalene, 1,...	8.898	3.2	ng	111856	2	8.075	698176	20.0
unknown9.028	9.028	3.6	ng	80333	3	9.828	442526	20.0
unknown9.092	9.092	4.2	ng	92891	3	9.828	442526	20.0
Tetradecane	9.228	15.3	ng	339101	3	9.828	442526	20.0
Naphthalene, 1,...	9.298	3.0	ng	66306	3	9.828	442526	20.0
Naphthalene, 1,...	9.486	5.3	ng	116854	3	9.828	442526	20.0
1-Octadecanesul...	9.551	6.2	ng	137472	3	9.828	442526	20.0
Pentadecane	9.763	14.9	ng	329485	3	9.828	442526	20.0
unknown9.992	9.992	3.0	ng	66730	3	9.828	442526	20.0
Hexadecane	10.263	16.1	ng	355414	3	9.828	442526	20.0
Dodecane, 1-iodo-	10.480	7.6	ng	168676	3	9.828	442526	20.0
Heptadecane	10.733	21.1	ng	477516	4	11.316	452277	20.0
Eicosane	11.186	14.6	ng	330134	4	11.316	452277	20.0
Pentadecane, 2,...	11.210	4.7	ng	106752	4	11.316	452277	20.0
Nonadecane	11.610	11.3	ng	254743	4	11.316	452277	20.0
Nonadecane, 9-m...	12.016	10.1	ng	227913	4	11.316	452277	20.0
2-Bromo dodecane	12.410	7.4	ng	166793	4	11.316	452277	20.0
Tetracosane	12.780	9.6	ng	153532	5	13.957	319760	20.0
Octadecane	13.139	4.8	ng	76764	5	13.957	319760	20.0