

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
 Data File : BF141748.D
 Acq On : 24 Feb 2025 17:08
 Operator : RC/JU
 Sample : Q1411-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-02-02212025

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-BF020625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141748.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.263	25	29	36	rBV	6415	15131	1.66%	0.138%
2	3.787	283	288	295	rVB	6119	9698	1.06%	0.088%
3	5.398	557	562	584	rVB	464536	764704	83.66%	6.954%
4	6.422	731	736	757	rBV	471336	796459	87.14%	7.243%
5	6.610	763	768	777	rVB2	15524	22406	2.45%	0.204%
6	6.781	791	797	803	rBV	363696	478879	52.39%	4.355%
7	6.834	803	806	815	rVB4	6871	12445	1.36%	0.113%
8	7.051	832	843	847	rBV3	15862	31567	3.45%	0.287%
9	7.098	847	851	858	rVB2	12634	25592	2.80%	0.233%
10	7.169	858	863	867	rBV2	18913	24668	2.70%	0.224%
11	7.245	873	876	878	rBV2	7882	10874	1.19%	0.099%
12	7.310	882	887	888	rBV2	20720	23769	2.60%	0.216%
13	7.339	888	892	902	rVV	333833	518440	56.72%	4.714%
14	7.428	902	907	910	rVB4	14619	21935	2.40%	0.199%
15	7.469	910	914	916	rBV4	9675	16143	1.77%	0.147%
16	7.581	929	933	936	rVB2	25548	31383	3.43%	0.285%
17	7.692	943	952	957	rBV8	19061	67142	7.35%	0.611%
18	7.739	957	960	964	rVB2	19409	25702	2.81%	0.234%
19	7.798	964	970	974	rBV5	35721	77574	8.49%	0.705%
20	7.898	985	987	990	rVB	20531	20386	2.23%	0.185%
21	7.963	995	998	1001	rVB2	11047	11853	1.30%	0.108%
22	8.063	1001	1015	1021	rBV	473314	831472	90.97%	7.561%
23	8.116	1021	1024	1028	rVB3	37346	52031	5.69%	0.473%
24	8.151	1028	1030	1037	rVB4	17877	24533	2.68%	0.223%
25	8.234	1038	1044	1045	rBV5	14628	23931	2.62%	0.218%
26	8.257	1045	1048	1052	rVB2	26597	30141	3.30%	0.274%
27	8.304	1052	1056	1059	rBV4	12703	20624	2.26%	0.188%
28	8.351	1059	1064	1070	rVB6	36190	61885	6.77%	0.563%
29	8.410	1070	1074	1076	rBV2	16942	20743	2.27%	0.189%
30	8.439	1076	1079	1082	rBV3	24468	28695	3.14%	0.261%
31	8.481	1082	1086	1088	rBV	25339	28878	3.16%	0.263%
32	8.563	1096	1100	1104	rBV2	70065	92817	10.15%	0.844%
33	8.651	1110	1115	1119	rBV	119478	155445	17.01%	1.414%
34	8.722	1124	1127	1129	rVV	16517	20108	2.20%	0.183%
35	8.810	1139	1142	1144	rBV3	10490	12086	1.32%	0.110%
36	8.881	1150	1154	1160	rBV4	59898	88383	9.67%	0.804%

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37	9.010	1172	1176	1181	rVB4	30907	52650	5.76%	0.479%
38	9.075	1181	1187	1192	rBV3	40668	76409	8.36%	0.695%
39	9.133	1192	1197	1206	rVB	708792	914024	100.00%	8.312%
40	9.216	1206	1211	1216	rBV	143874	197773	21.64%	1.798%
41	9.280	1219	1222	1229	rVB	31539	47224	5.17%	0.429%
42	9.469	1247	1254	1256	rBV7	32792	67949	7.43%	0.618%
43	9.533	1260	1265	1267	rBV4	49626	72495	7.93%	0.659%
44	9.592	1272	1275	1279	rVB2	32468	37627	4.12%	0.342%
45	9.739	1296	1300	1305	rVB	133229	170057	18.61%	1.546%
46	9.810	1307	1312	1321	rVB	472186	628781	68.79%	5.718%
47	9.916	1328	1330	1335	rVB4	16959	20795	2.28%	0.189%
48	9.975	1336	1340	1342	rBV	24397	38313	4.19%	0.348%
49	10.063	1352	1355	1359	rBV4	30407	39304	4.30%	0.357%
50	10.133	1364	1367	1373	rBV8	13045	26519	2.90%	0.241%
51	10.239	1381	1385	1392	rVB	144402	180623	19.76%	1.643%
52	10.457	1418	1422	1428	rVB	47894	76489	8.37%	0.696%
53	10.527	1429	1434	1440	rVV2	44799	83053	9.09%	0.755%
54	10.604	1440	1447	1458	rVV	268894	413305	45.22%	3.758%
55	10.716	1461	1466	1474	rVB	149916	236082	25.83%	2.147%
56	10.910	1496	1499	1500	rBV2	10647	12370	1.35%	0.112%
57	11.039	1517	1521	1528	rVB5	18121	34952	3.82%	0.318%
58	11.163	1537	1542	1545	rBV	108474	150976	16.52%	1.373%
59	11.298	1560	1565	1581	rBV	398337	582822	63.76%	5.300%
60	11.469	1592	1594	1598	rVB2	9769	11119	1.22%	0.101%
61	11.586	1610	1614	1619	rBV	84234	100379	10.98%	0.913%
62	11.751	1639	1642	1647	rBV5	9705	17200	1.88%	0.156%
63	11.827	1651	1655	1662	rBV3	29547	57561	6.30%	0.523%
64	11.992	1679	1683	1689	rBV	67696	85480	9.35%	0.777%
65	12.380	1745	1749	1757	rVB	49997	64622	7.07%	0.588%
66	12.516	1768	1772	1783	rBV	22413	38321	4.19%	0.348%
67	12.751	1806	1812	1817	rBV2	47571	83013	9.08%	0.755%
68	12.833	1822	1826	1829	rVV	30578	48002	5.25%	0.437%
69	12.880	1829	1834	1844	rVB	580985	760428	83.20%	6.915%
70	13.110	1869	1873	1879	rBV2	22277	35734	3.91%	0.325%
71	13.939	2008	2014	2023	rBV	368441	560988	61.38%	5.101%
72	15.380	2254	2259	2267	rVB	294364	474830	51.95%	4.318%

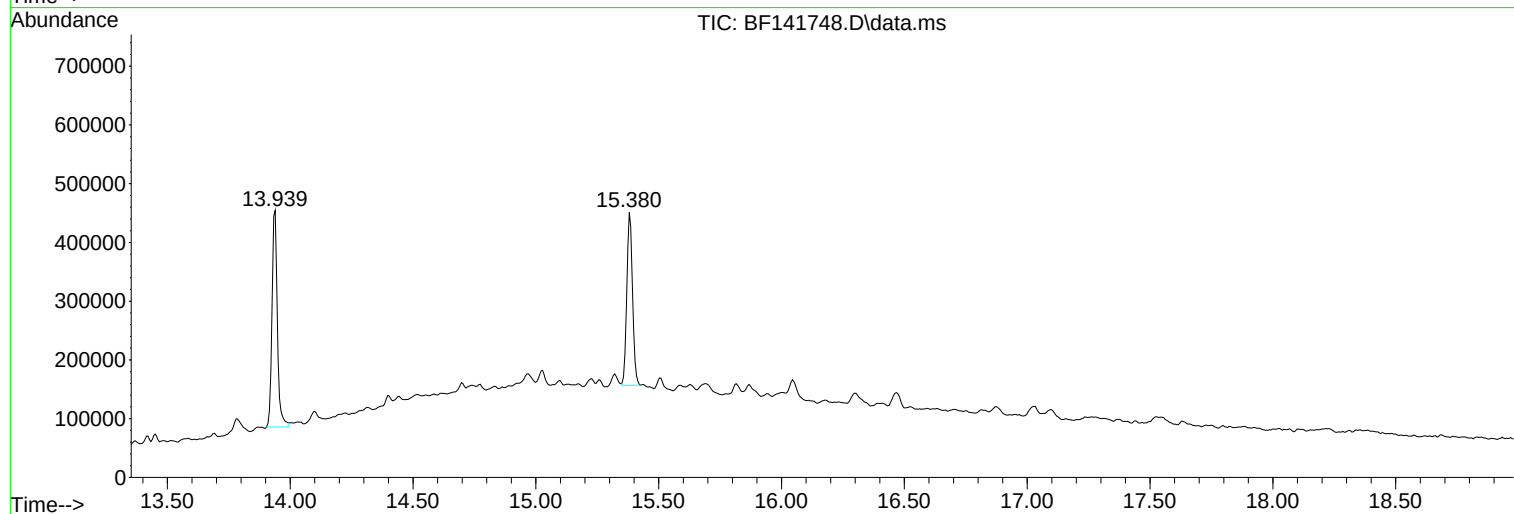
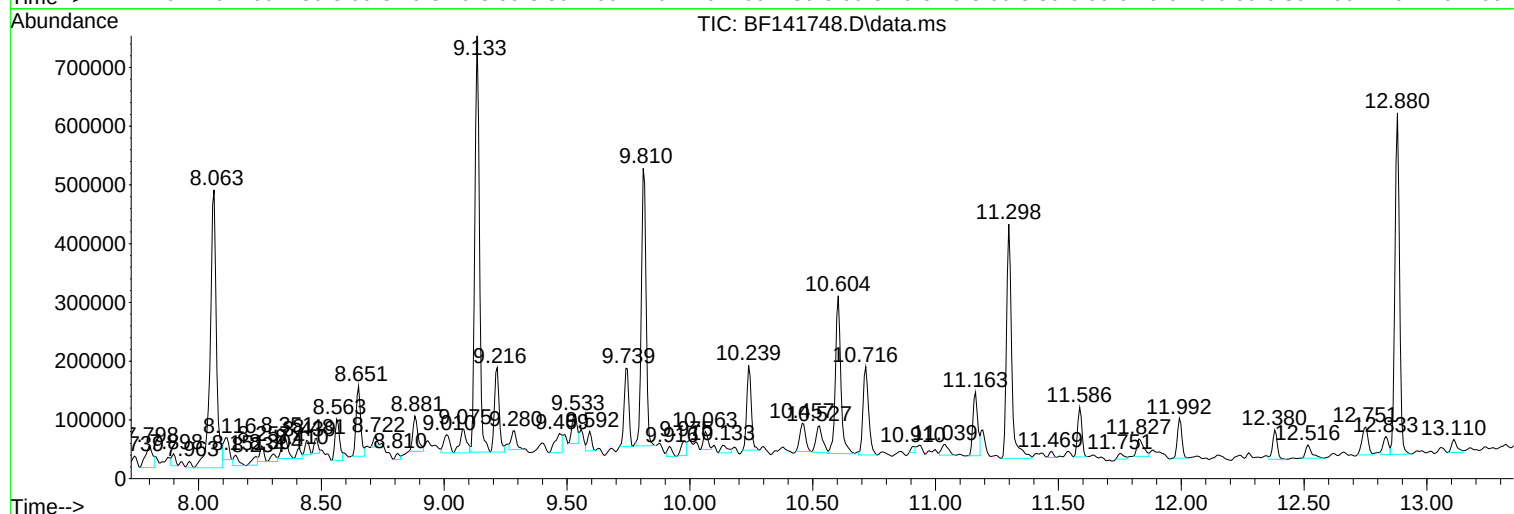
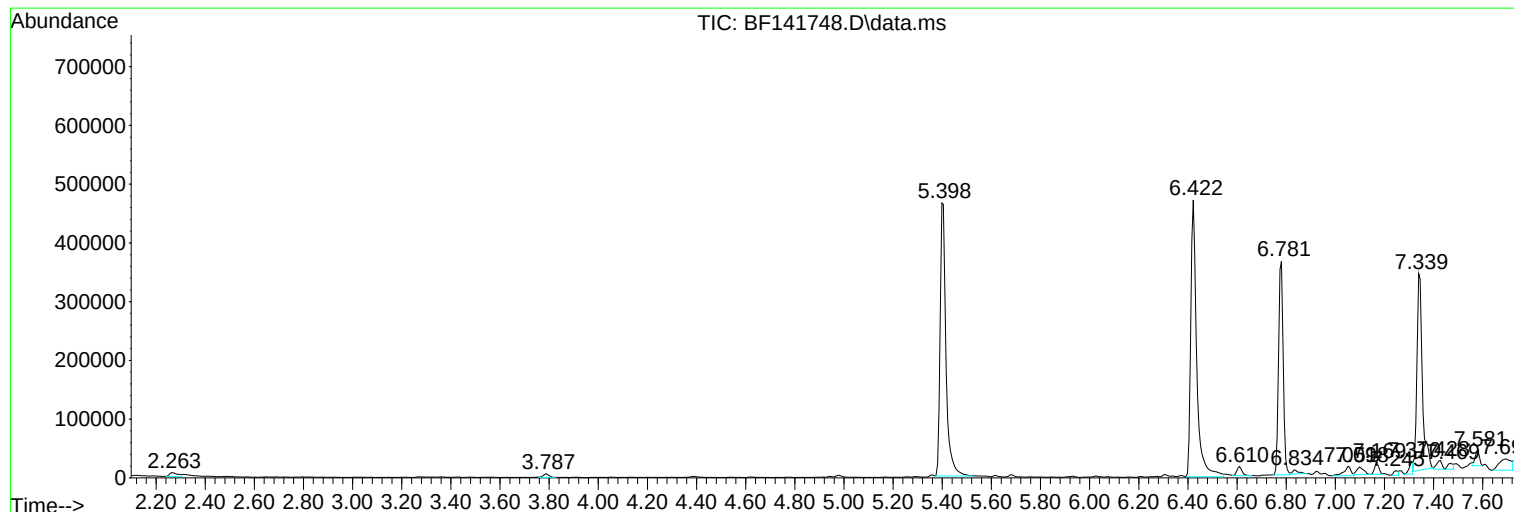
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BF141748.D
Acq On : 24 Feb 2025 17:08
Operator : RC/JU
Sample : Q1411-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

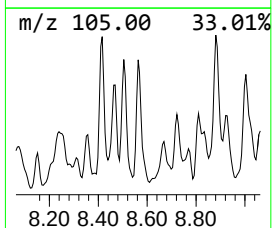
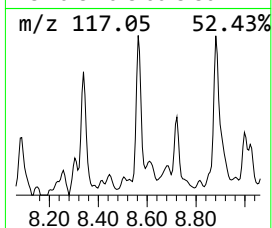
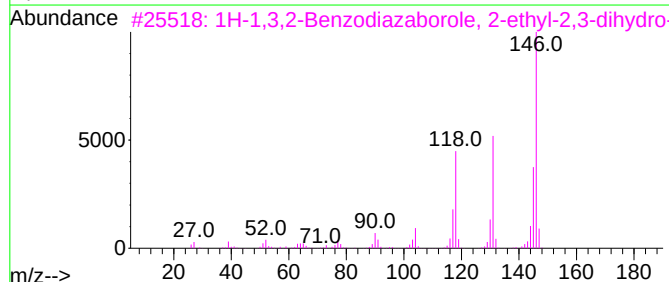
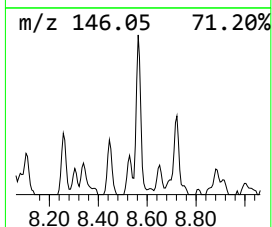
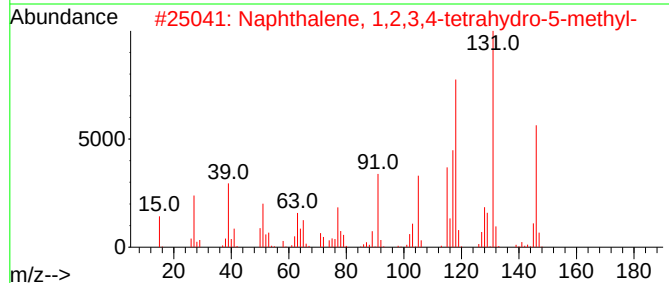
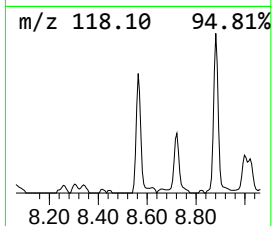
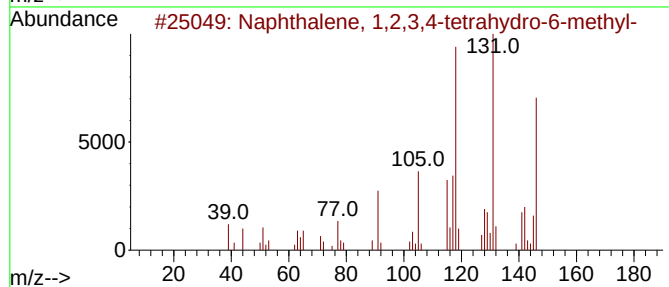
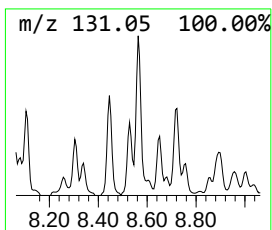
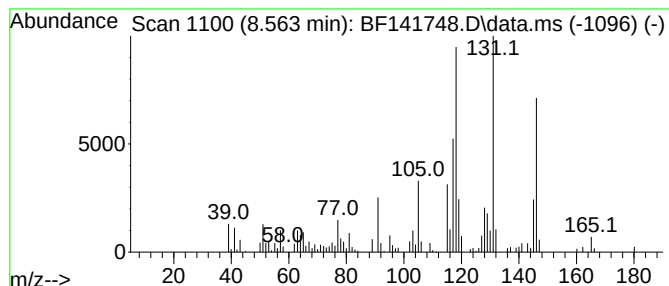
Instrument :
BNA_F
ClientSampleId :
HR-02-02212025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Naphthalene, 1,2,3,4-tetra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.563	2.23 ng	92817	Naphthalene-d8	8.063	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	89
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	76
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	49
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	45



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Instrument :
BNA_F
ClientSampleId :
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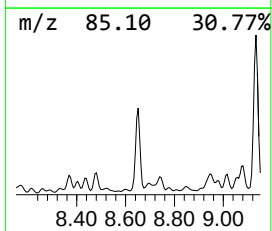
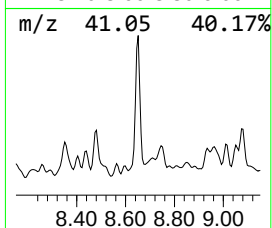
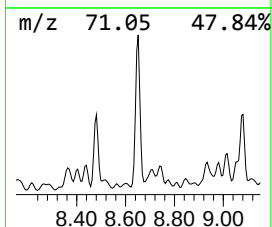
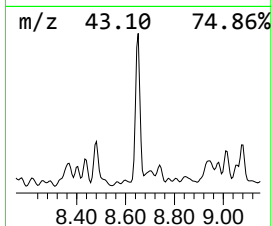
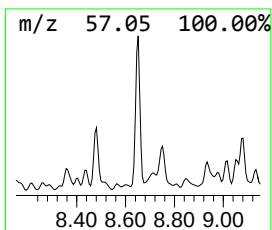
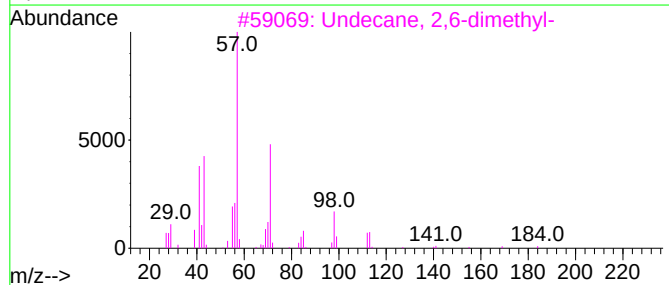
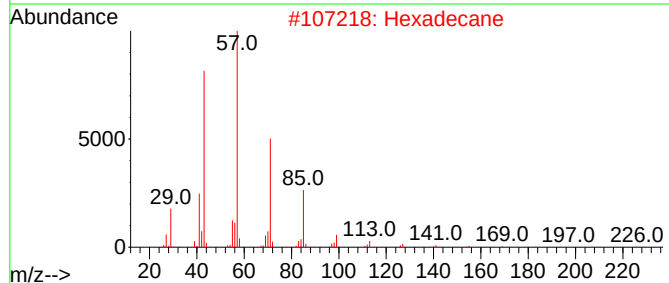
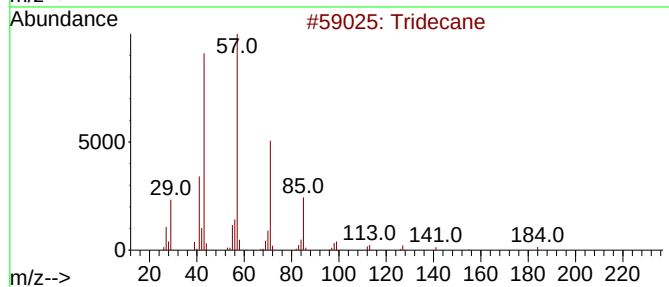
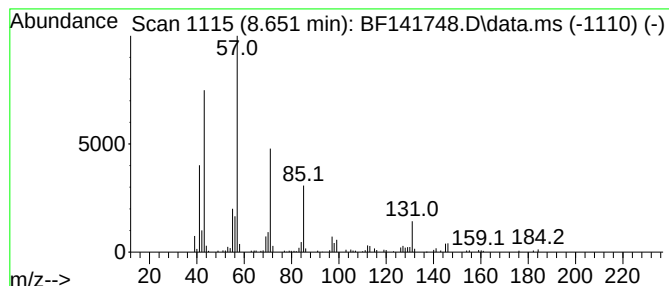
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.651	3.74 ng	155445	Naphthalene-d8	8.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Hexadecane	226	C16H34	000544-76-3	64
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	60
4			Pentadecane	212	C15H32	000629-62-9	59
5			Nonadecane	268	C19H40	000629-92-5	58



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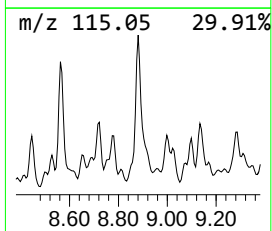
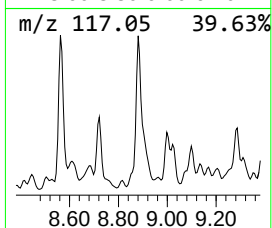
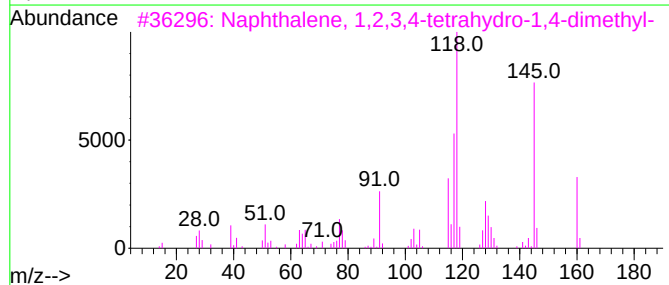
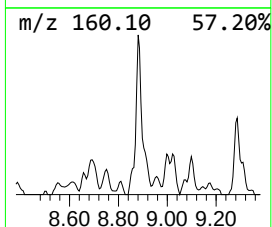
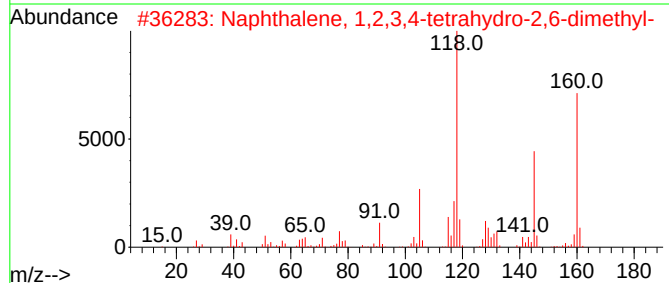
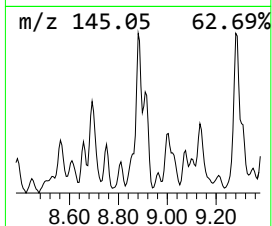
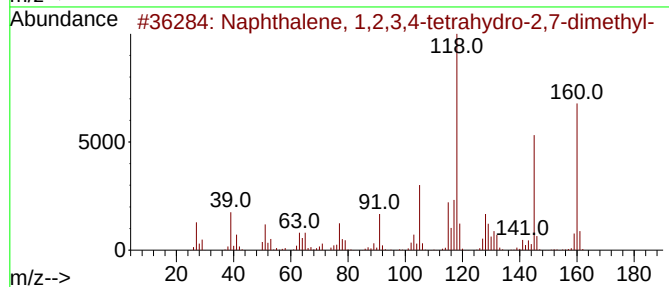
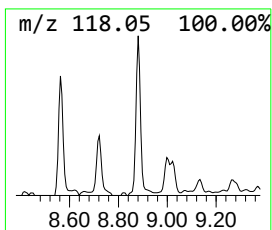
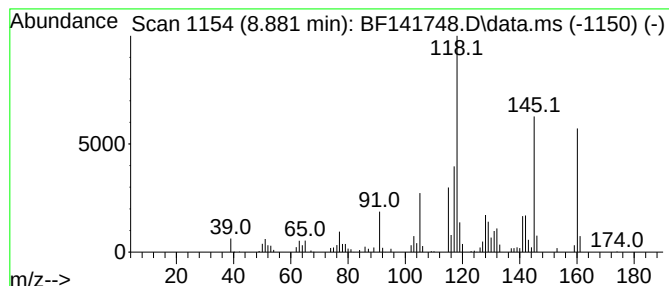
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.881	2.13 ng	88383	Naphthalene-d8	8.063	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	89
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	81
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	70
4	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	68
5	Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	52



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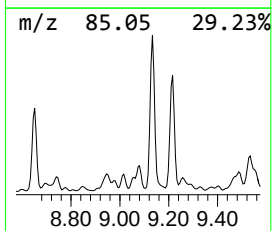
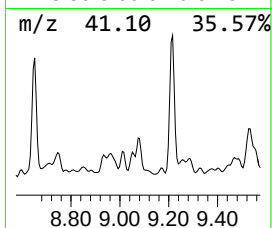
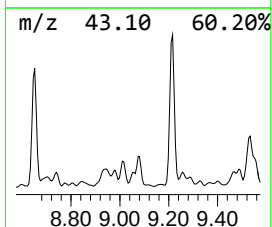
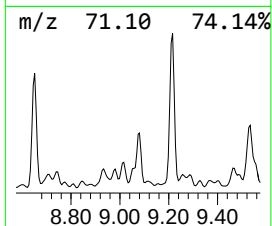
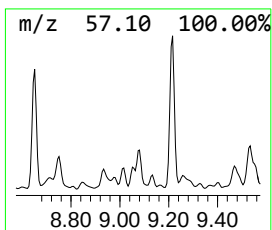
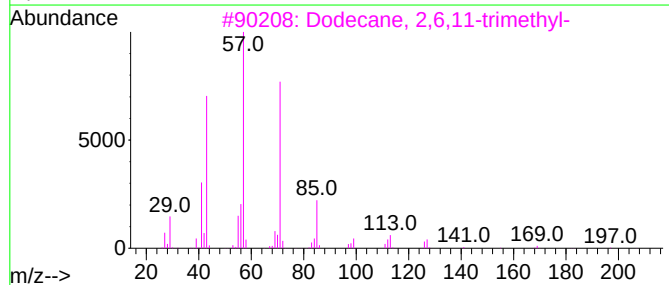
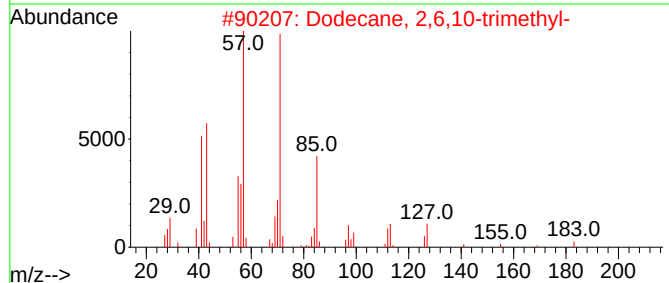
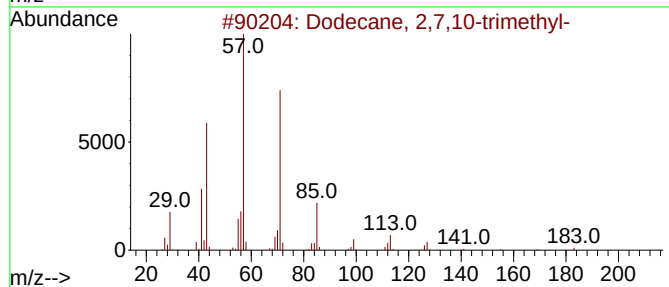
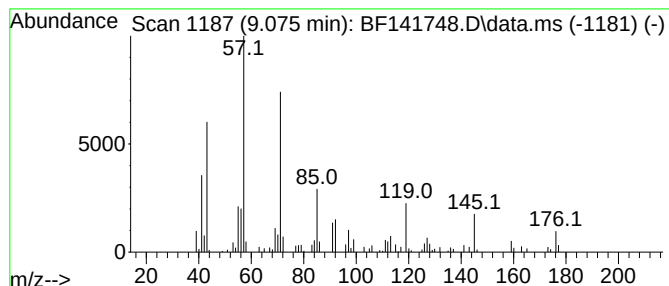
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dodecane, 2,7,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.075	2.43 ng	76409	Acenaphthene-d10	9.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	52
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	52
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	50
4			Decane, 5-propyl-	184	C13H28	017312-62-8	47
5			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	47



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Acq On : 24 Feb 2025 17:08
Operator : RC/JU
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Misc :
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ClientSampleId :
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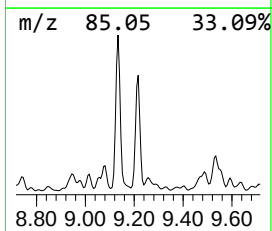
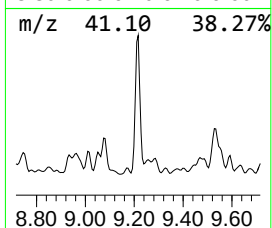
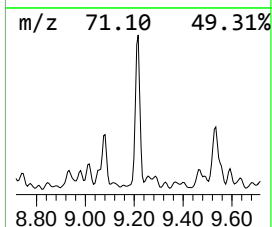
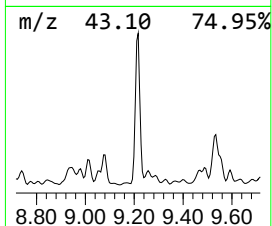
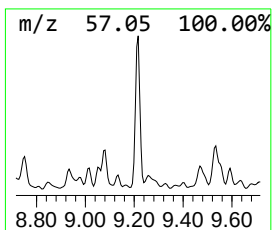
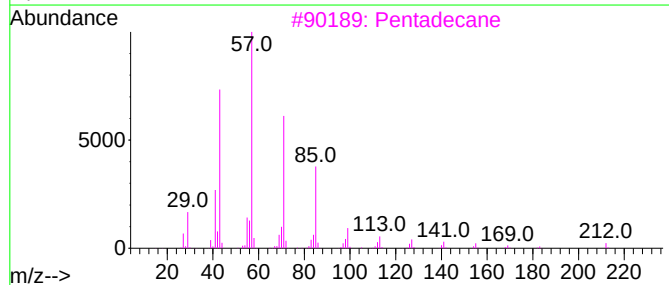
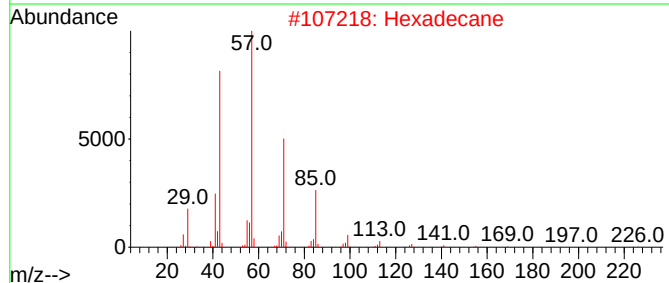
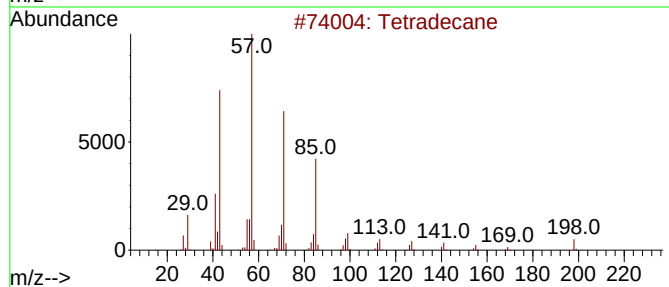
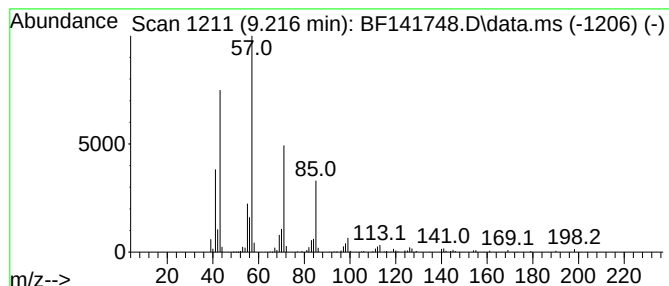
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.216	6.29 ng	197773	Acenaphthene-d10	9.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Hexadecane	226	C16H34	000544-76-3	90
3			Pentadecane	212	C15H32	000629-62-9	90
4			Tridecane	184	C13H28	000629-50-5	90
5			Undecane	156	C11H24	001120-21-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
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ClientSampleId :
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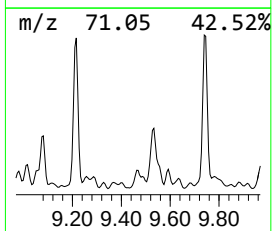
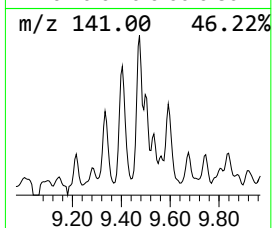
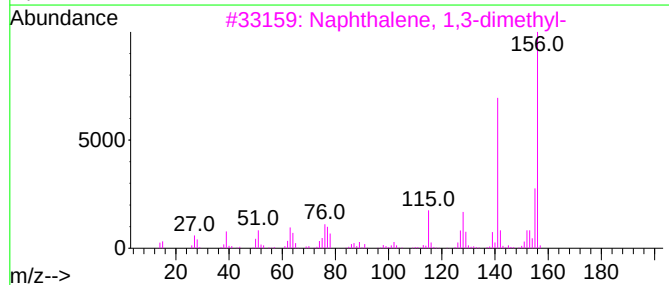
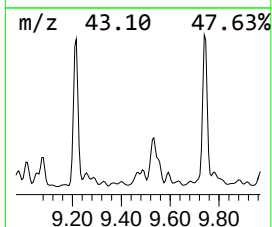
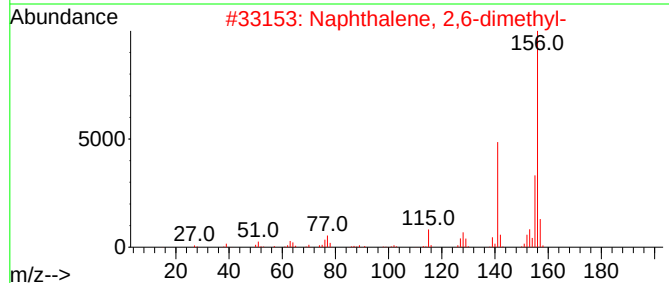
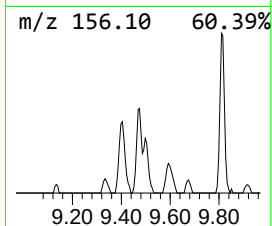
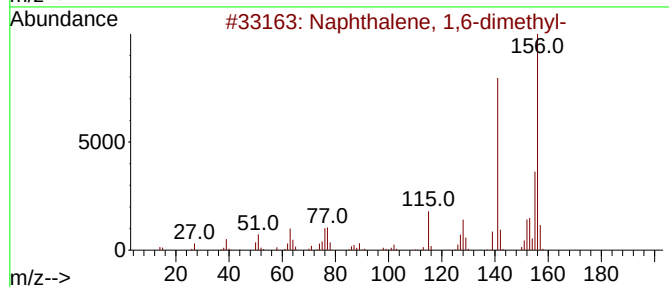
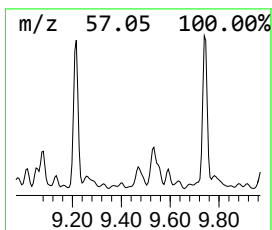
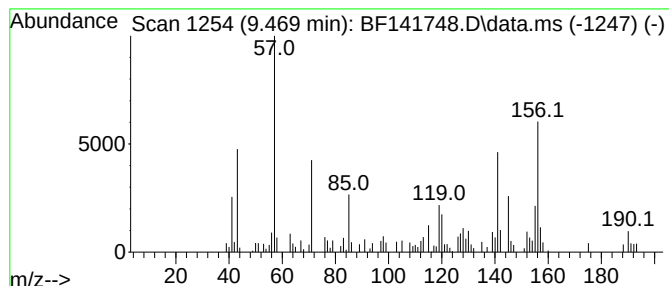
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.469	2.16 ng	67949	Acenaphthene-d10	9.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	87
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	86
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	86
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141748.D
Acq On : 24 Feb 2025 17:08
Operator : RC/JU
Sample : Q1411-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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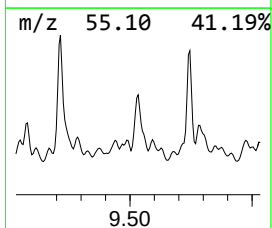
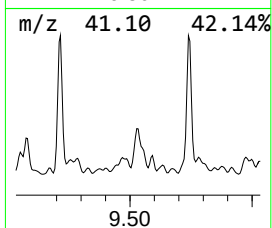
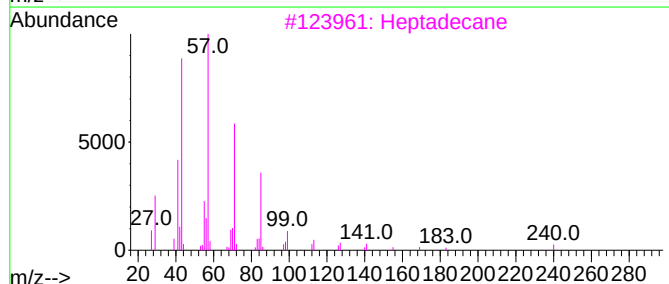
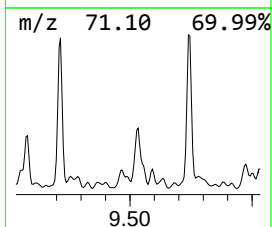
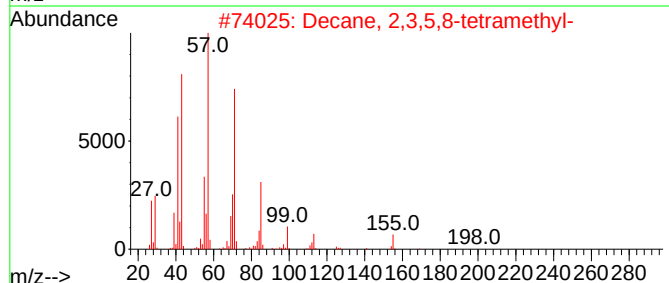
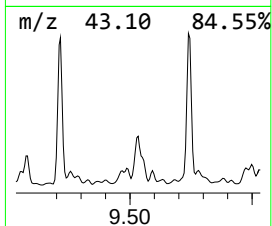
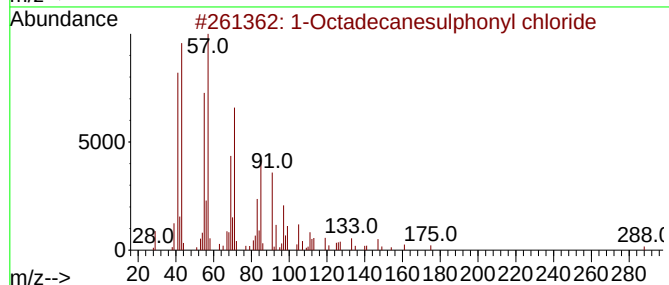
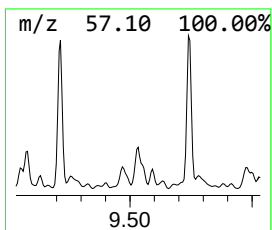
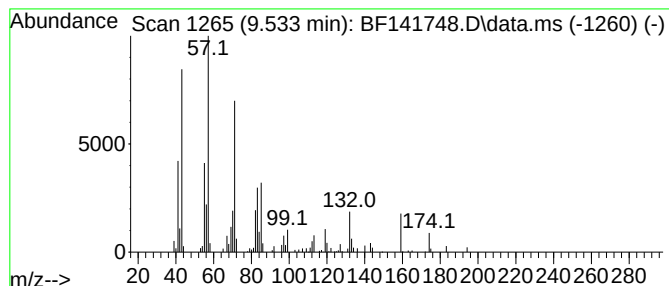
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Octadecanesulphonyl chloride Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.533	2.31 ng	72495	Acenaphthene-d10	9.810

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	52
2		Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	46
3		Heptadecane	240	C17H36	000629-78-7	43
4		Octacosane	394	C28H58	000630-02-4	43
5		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141748.D
Acq On : 24 Feb 2025 17:08
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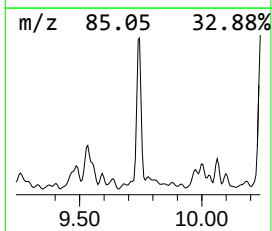
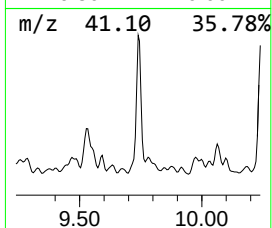
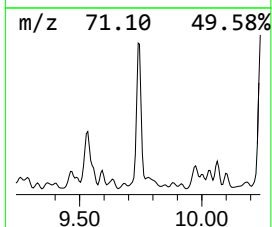
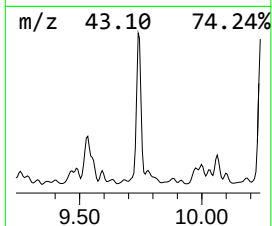
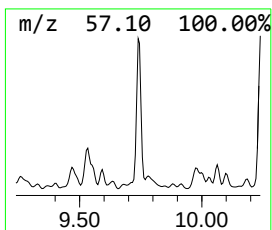
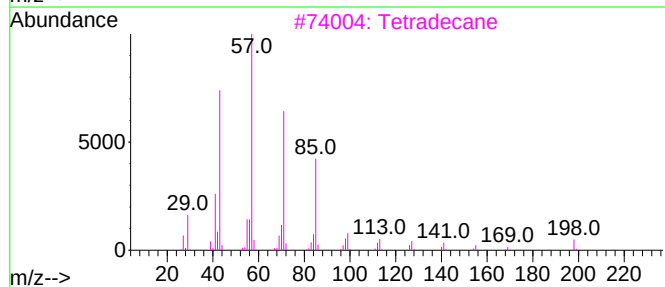
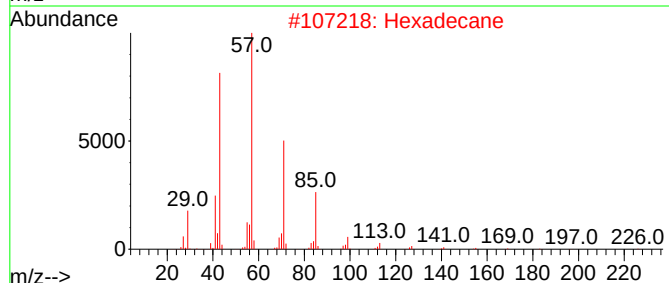
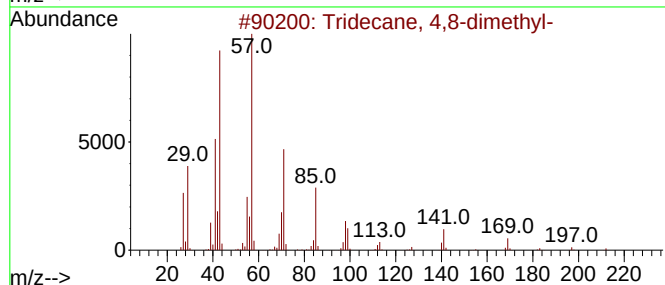
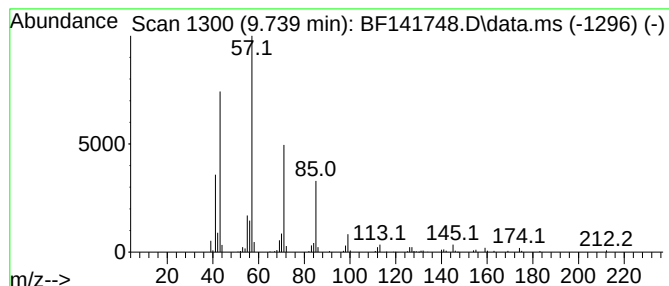
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane, 4,8-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.739	5.41 ng	170057	Acenaphthene-d10	9.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	91
2			Hexadecane	226	C16H34	000544-76-3	91
3			Tetradecane	198	C14H30	000629-59-4	90
4			Tridecane	184	C13H28	000629-50-5	83
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141748.D
Acq On : 24 Feb 2025 17:08
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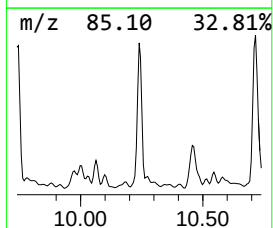
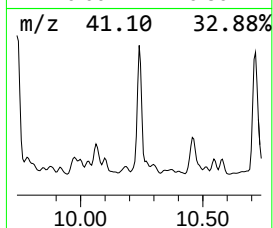
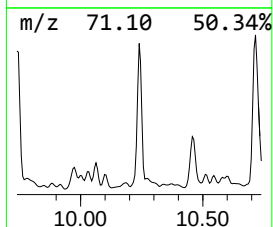
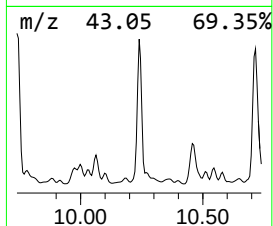
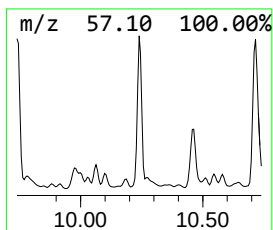
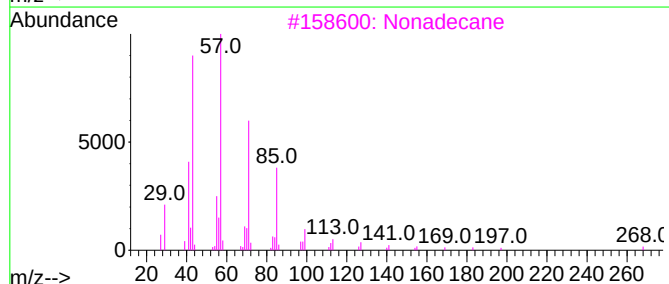
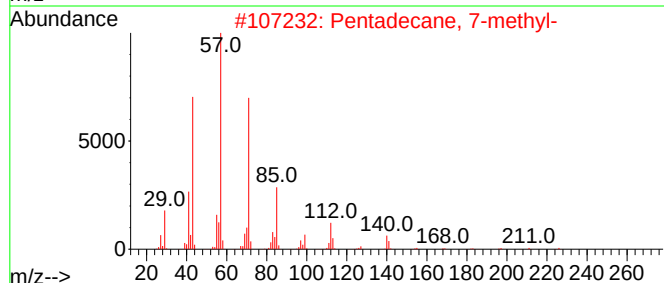
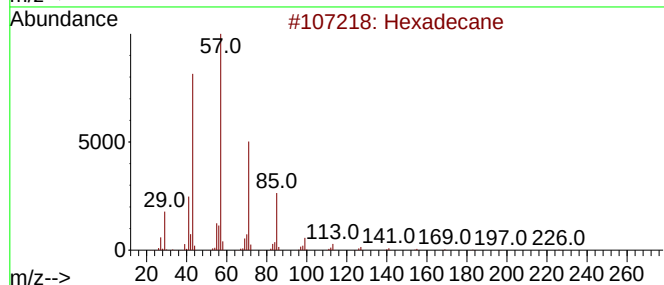
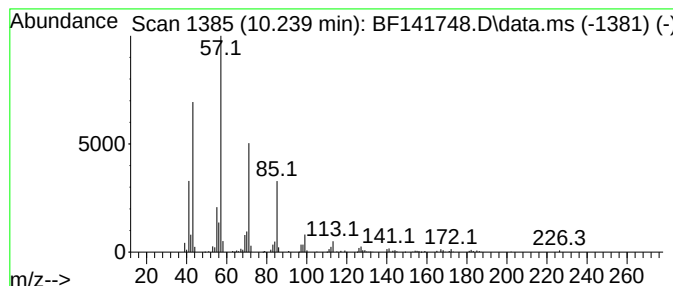
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.239	5.75 ng	180623	Acenaphthene-d10	9.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	96
2			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
3			Nonadecane	268	C19H40	000629-92-5	91
4			Tetracosane	338	C24H50	000646-31-1	90
5			Tridecane	184	C13H28	000629-50-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
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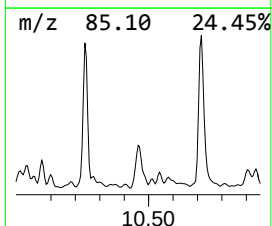
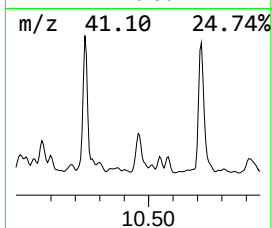
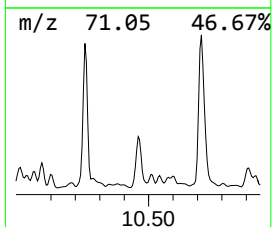
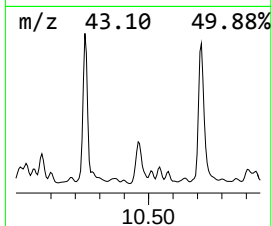
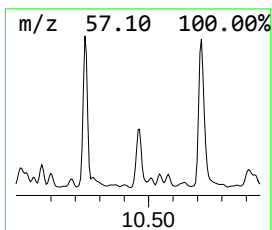
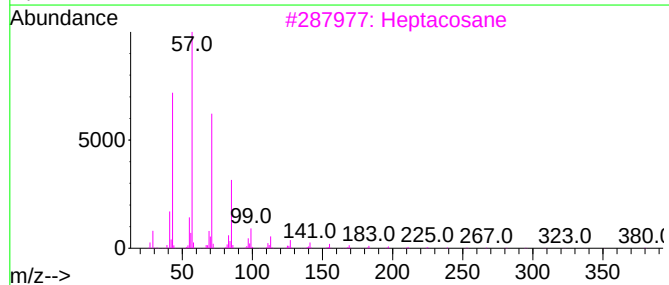
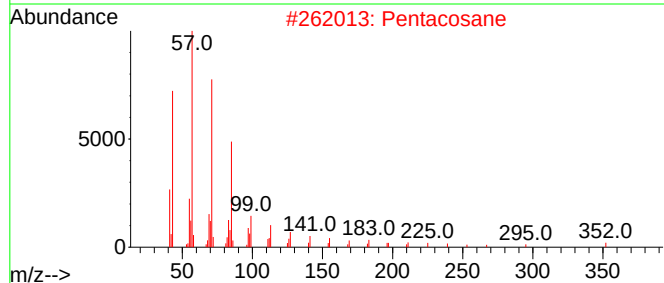
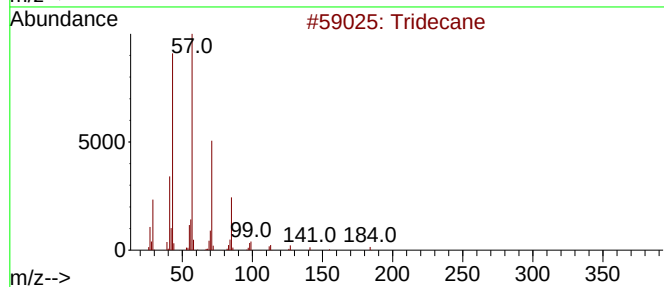
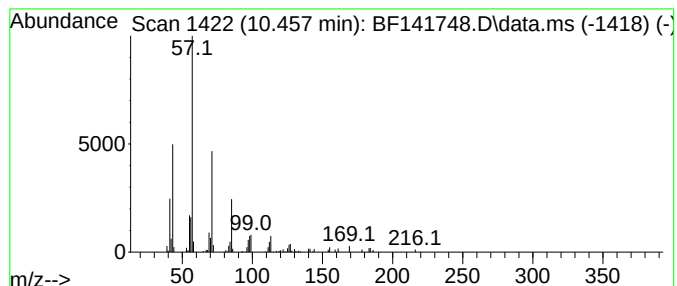
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Pentacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.457	2.43 ng	76489	Acenaphthene-d10	9.810

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	83
2		Pentacosane	352	C25H52	000629-99-2	80
3		Heptacosane	380	C27H56	000593-49-7	80
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
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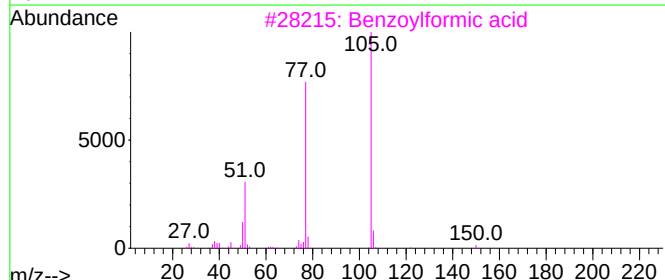
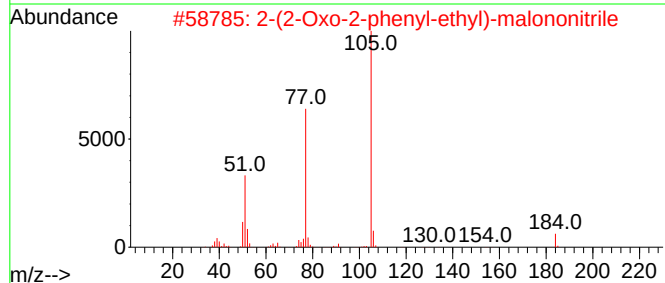
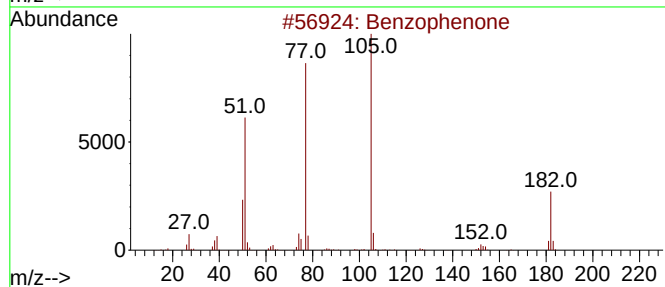
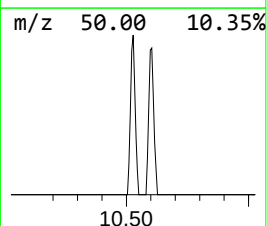
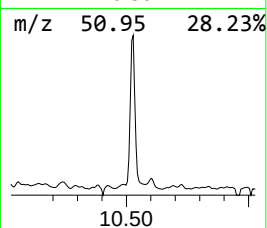
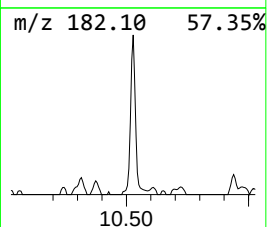
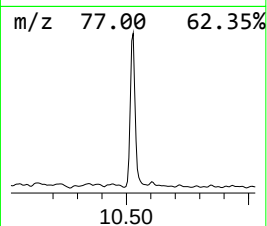
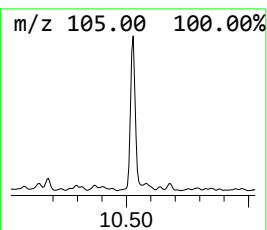
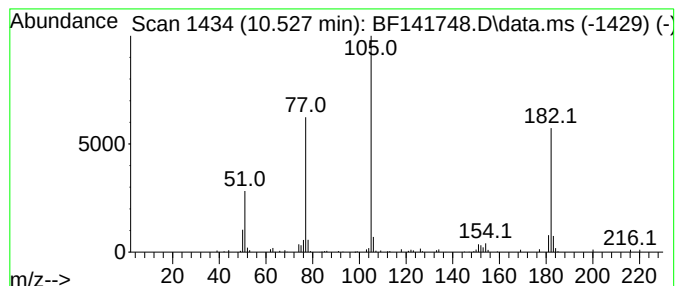
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.528	2.64 ng	83053	Acenaphthene-d10	9.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	49
3			Benzoylformic acid	150	C8H6O3	000611-73-4	49
4			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
5			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141748.D
Acq On : 24 Feb 2025 17:08
Operator : RC/JU
Sample : Q1411-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-02212025

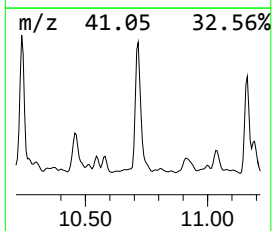
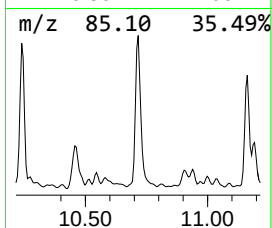
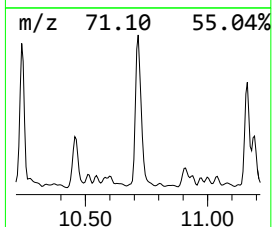
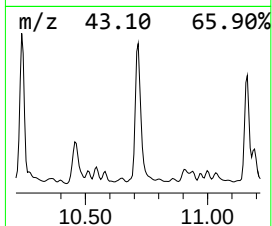
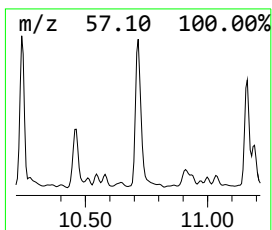
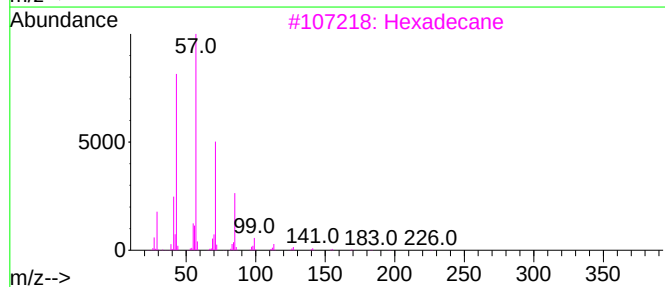
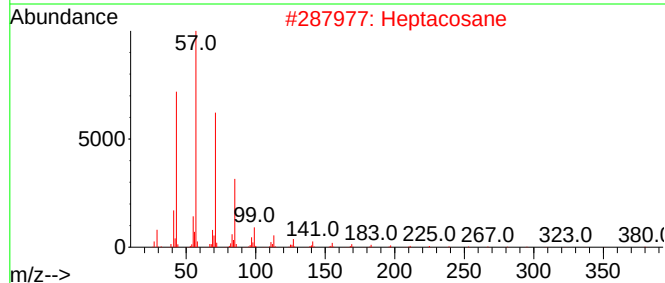
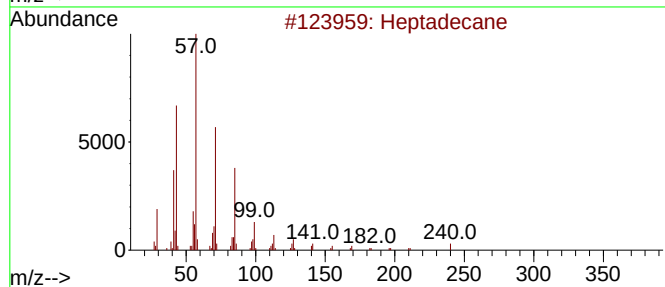
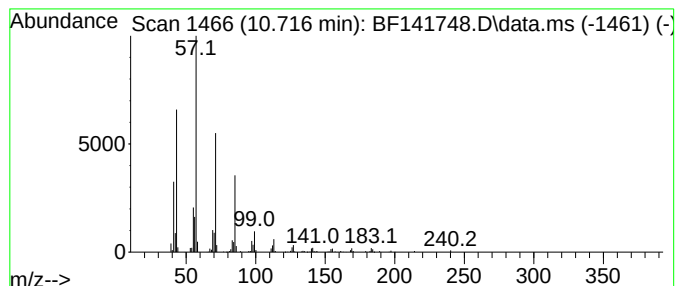
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.716	8.10 ng	236082	Phenanthrene-d10	11.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	95
2			Heptacosane	380	C27H56	000593-49-7	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Nonane, 5-butyl-	184	C13H28	017312-63-9	86
5			Tetracosane	338	C24H50	000646-31-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141748.D
Acq On : 24 Feb 2025 17:08
Operator : RC/JU
Sample : Q1411-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-02212025

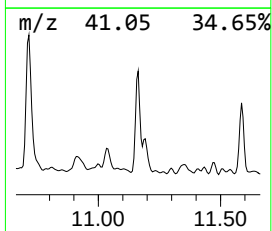
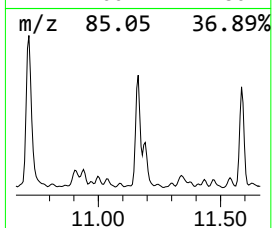
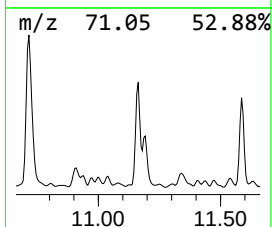
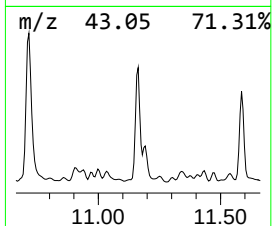
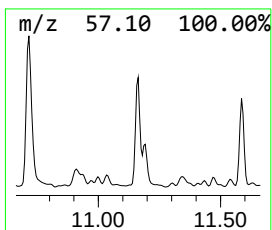
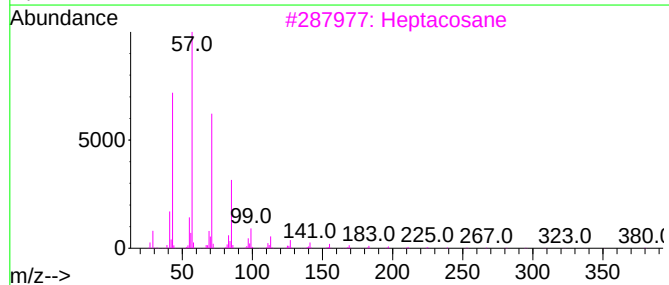
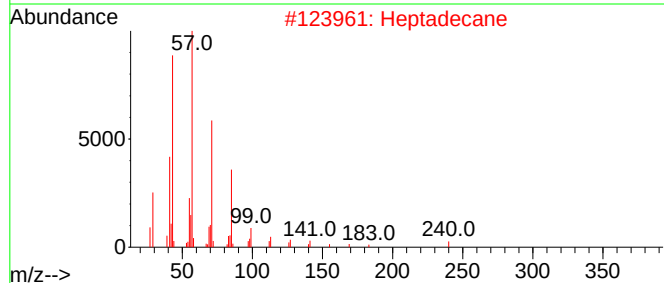
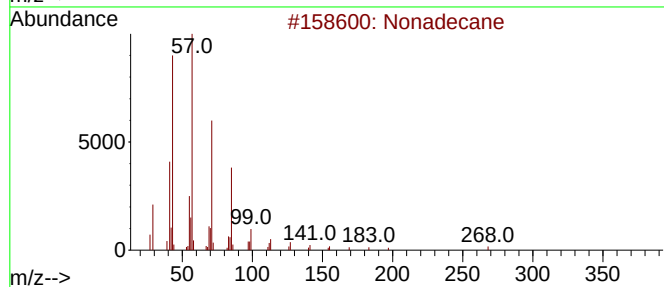
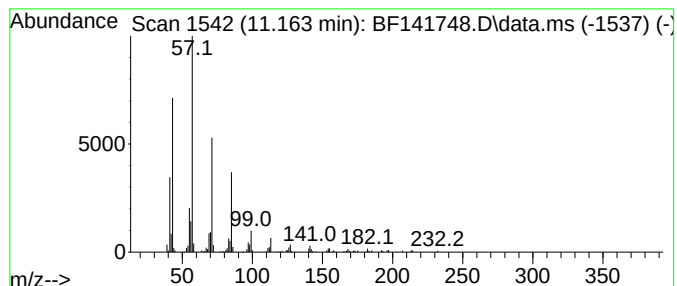
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.163	5.18 ng	150976	Phenanthrene-d10	11.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Heptadecane	240	C17H36	000629-78-7	91
3			Heptacosane	380	C27H56	000593-49-7	91
4			Tridecane	184	C13H28	000629-50-5	90
5			Pentadecane	212	C15H32	000629-62-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141748.D
Acq On : 24 Feb 2025 17:08
Operator : RC/JU
Sample : Q1411-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-02212025

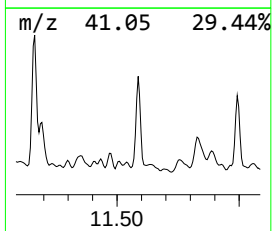
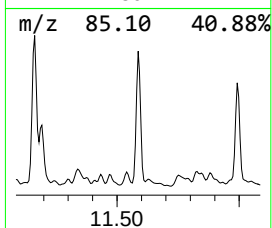
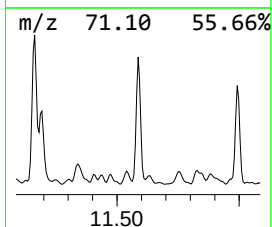
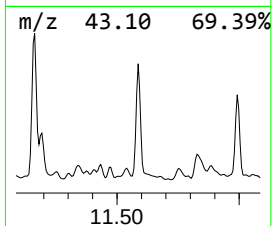
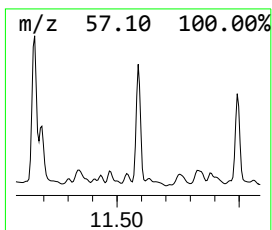
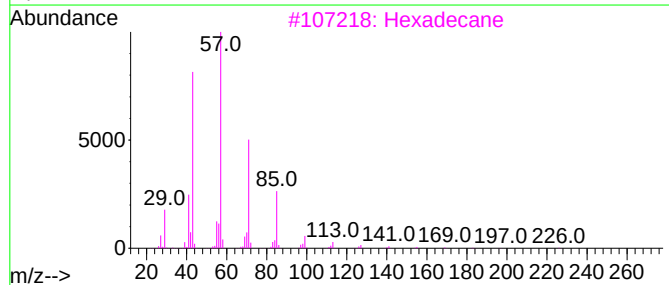
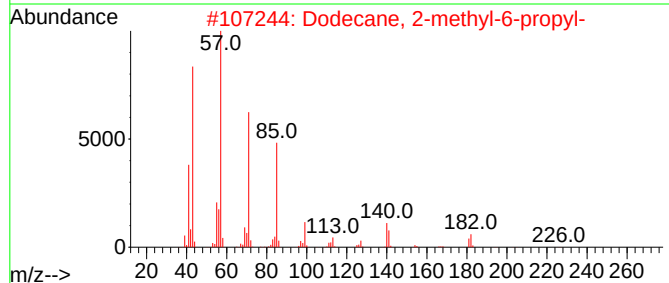
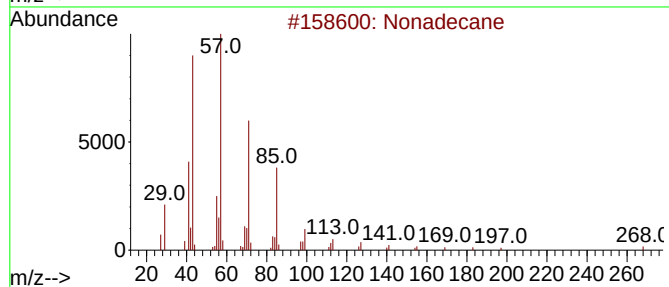
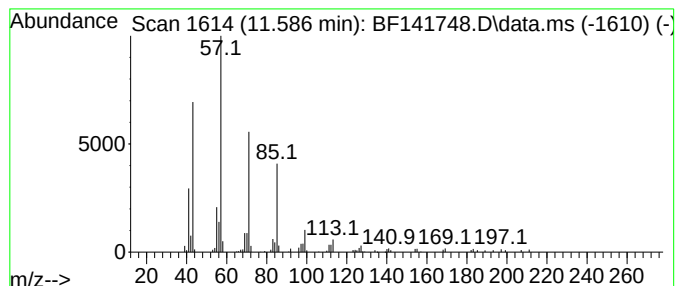
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 2-methyl-6-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.586	3.44 ng	100379	Phenanthrene-d10	11.298

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	90
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Heptadecane	240	C17H36	000629-78-7	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141748.D
Acq On : 24 Feb 2025 17:08
Operator : RC/JU
Sample : Q1411-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-02212025

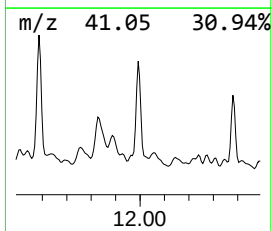
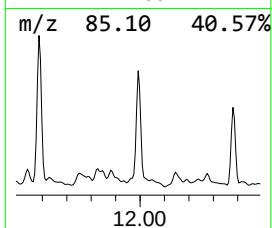
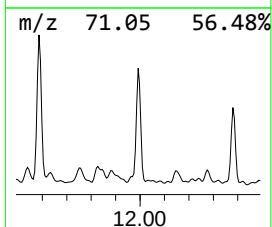
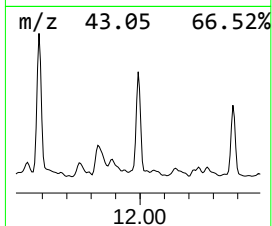
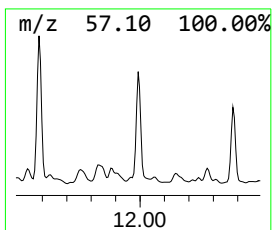
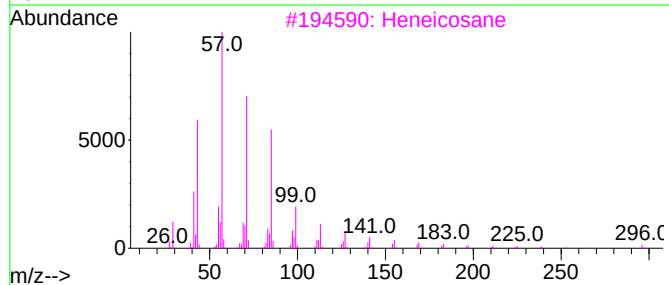
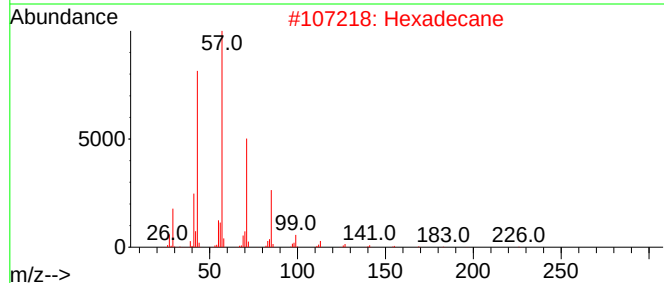
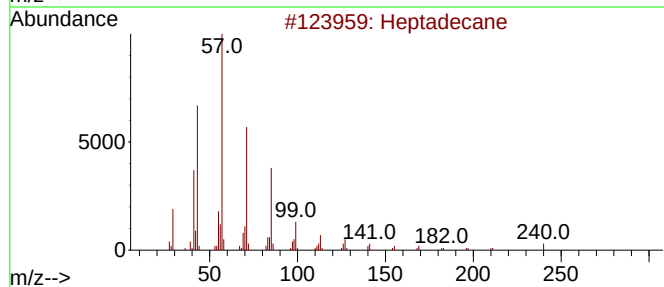
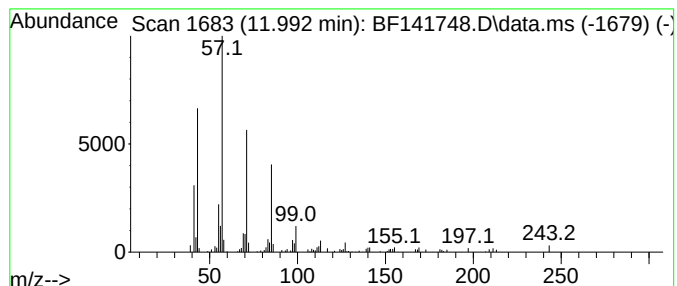
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	2.93 ng	85480	Phenanthrene-d10	11.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	91
2			Hexadecane	226	C16H34	000544-76-3	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141748.D
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Sample : Q1411-01 2X
Misc :
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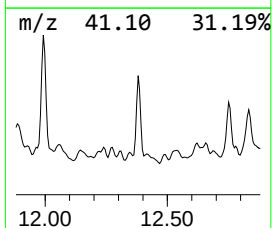
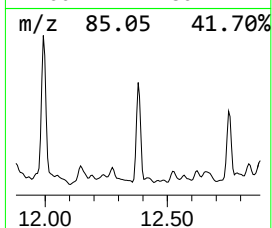
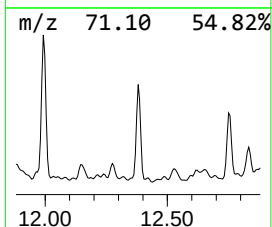
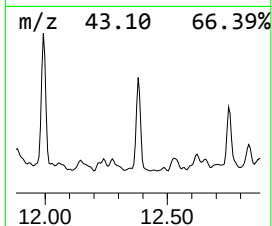
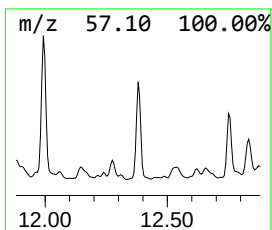
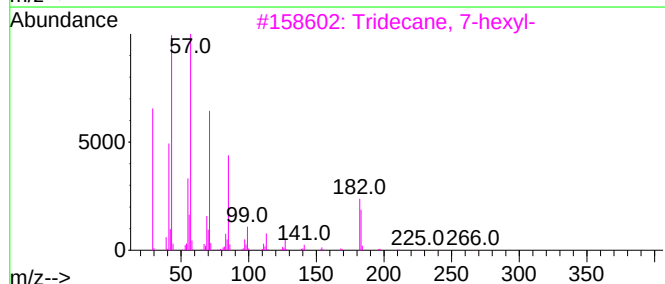
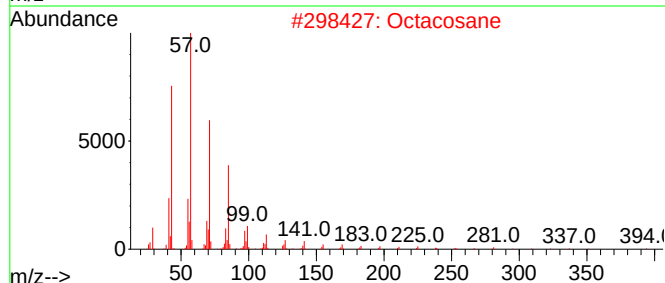
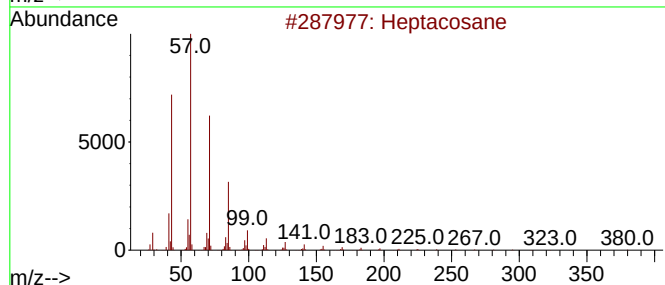
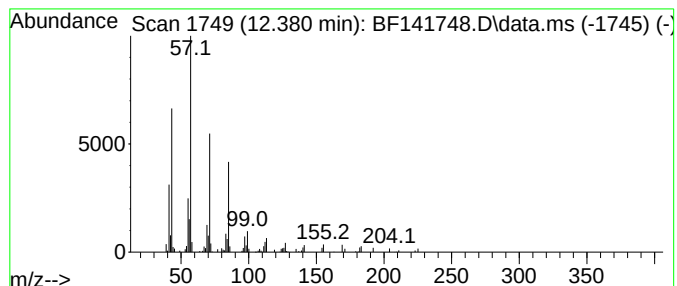
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.380	2.22 ng	64622	Phenanthrene-d10		11.298	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Octacosane		394	C28H58	000630-02-4	90
3	Tridecane, 7-hexyl-		268	C19H40	007225-66-3	87
4	Nonadecane		268	C19H40	000629-92-5	87
5	Octadecane		254	C18H38	000593-45-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141748.D
Acq On : 24 Feb 2025 17:08
Operator : RC/JU
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Misc :
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Instrument :
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ClientSampleId :
HR-02-02212025

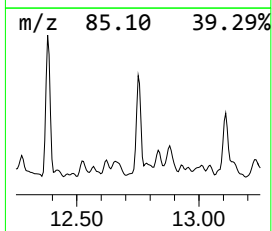
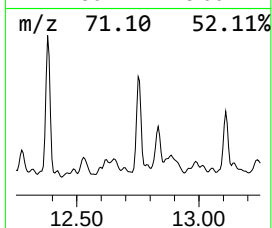
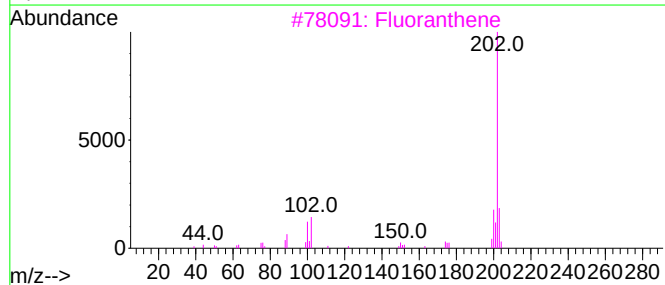
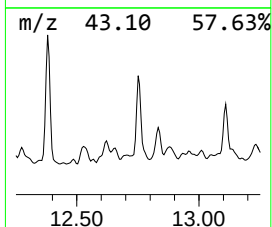
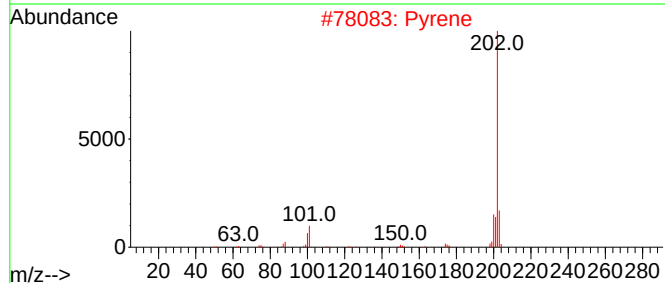
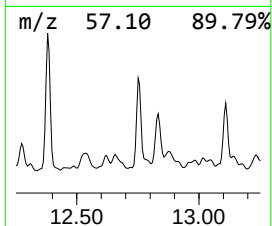
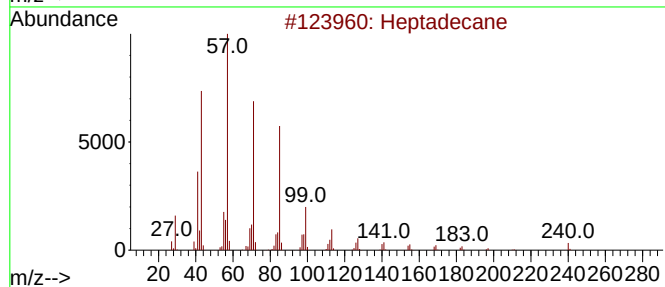
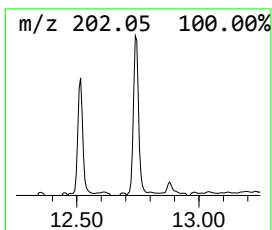
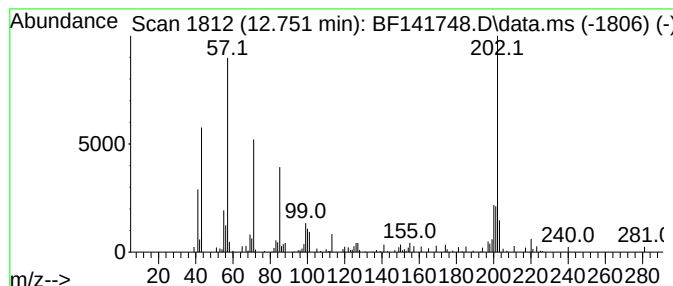
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown12.751 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.751	2.96 ng	83013	Chrysene-d12	13.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	48
2			Pyrene	202	C16H10	000129-00-0	43
3			Fluoranthene	202	C16H10	000206-44-0	38
4			Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	38
5			Tetradecane	198	C14H30	000629-59-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
 Data File : BF141748.D
 Acq On : 24 Feb 2025 17:08
 Operator : RC/JU
 Sample : Q1411-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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
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Tridecane	8.651	3.7	ng	155445	2	8.063	831472	20.0
Naphthalene, 1,...	8.881	2.1	ng	88383	2	8.063	831472	20.0
Dodecane, 2,7,1...	9.075	2.4	ng	76409	3	9.810	628781	20.0
Tetradecane	9.216	6.3	ng	197773	3	9.810	628781	20.0
Naphthalene, 1,...	9.469	2.2	ng	67949	3	9.810	628781	20.0
1-Octadecanesul...	9.533	2.3	ng	72495	3	9.810	628781	20.0
Tridecane, 4,8-...	9.739	5.4	ng	170057	3	9.810	628781	20.0
Hexadecane	10.239	5.8	ng	180623	3	9.810	628781	20.0
Pentacosane	10.457	2.4	ng	76489	3	9.810	628781	20.0
Benzophenone	10.528	2.6	ng	83053	3	9.810	628781	20.0
Heptadecane	10.716	8.1	ng	236082	4	11.298	582822	20.0
Nonadecane	11.163	5.2	ng	150976	4	11.298	582822	20.0
Dodecane, 2-met...	11.586	3.4	ng	100379	4	11.298	582822	20.0
Heneicosane	11.992	2.9	ng	85480	4	11.298	582822	20.0
Heptacosane	12.380	2.2	ng	64622	4	11.298	582822	20.0
unknown12.751	12.751	3.0	ng	83013	5	13.939	560988	20.0