LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142147.D
Acq On : 28 Mar 2025 02:06
Operator : RC/JU
Sample : Q1634-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-032425

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142147.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.069	502	506	516	rVB	26158	39988	1.16%	0.079%
2	5.475	567	575	586	rBV	388811	545490	15.83%	1.075%
3	6.122	679	685	691	rBV3	34085	61697	1.79%	0.122%
4	6.304	711	716	720	rBV2	28231	46375	1.35%	0.091%
5	6.369	720	727	729	rVV3	29537	49505	1.44%	0.098%
6	6.398	729	732	735	rVV2	66289	89490	2.60%	0.176%
7	6.486	739	747	755	rVV	393606	596646	17.32%	1.176%
8	6.551	755	758	763	rVB	39853	57625	1.67%	0.114%
9	6.610	763	768	772	rBV4	42366	79049	2.29%	0.156%
10	6.704	779	784	791	rVB2	261533	358836	10.42%	0.707%
11	6.869	803	812	818	rVV2	660430	968469	28.11%	1.909%
12	6.928	818	822	826	rVB	100348	125341	3.64%	0.247%
13	6.981	826	831	833	rBV5	37654	51198	1.49%	0.101%
14	7.016	833	837	841	rVV2	108773	139602	4.05%	0.275%
15	7.051	841	843	848	rVB2	44231	46105	1.34%	0.091%
16	7.145	848	859	862	rBV3	227580	444542	12.90%	0.876%
17	7.186	862	866	873	rVB3	165697	399610	11.60%	0.788%
18	7.257	873	878	883	rBV3	225243	366668	10.64%	0.723%
19	7.357	888	895	898	rBV2	62567	131631	3.82%	0.259%
20	7.404	898	903	905	rBV	257066	411393	11.94%	0.811%
21	7.428	905	907	910	rVV2	214014	264695	7.68%	0.522%
22	7.463	910	913	917	rVB	685985	841223	24.42%	1.658%
23	7.516	917	922	925	rBV4	200190	292514	8.49%	0.577%
24	7.557	925	929	930	rBV2	105671	127784	3.71%	0.252%
25	7.645	941	944	945	rBV2	76885	86127	2.50%	0.170%
26	7.669	945	948	957	rVB2	289192	557939	16.19%	1.100%
27	7.769	958	965	967	rBV4	231265	463704	13.46%	0.914%
28	7.798	967	970	972	rVV3	137632	167255	4.85%	0.330%
29	7.833	972	976	979	rVB3	198761	276399	8.02%	0.545%
30	7.869	979	982	983	rBV3	205221	217498	6.31%	0.429%
31	7.892	983	986	992	rVB4	320761	544917	15.82%	1.074%
32	7.945	992	995	997	rBV	95643	98175	2.85%	0.194%
33	7.992	1001	1003	1006	rVB	176315	158616	4.60%	0.313%
34	8.022	1006	1008	1011	rVB2	118550	112525	3.27%	0.222%
35	8.057	1011	1014	1017	rBV2	96476	112295	3.26%	0.221%
36	8.133	1017	1027	1036	rBV3	1355777	3445367	100.00%	6.791%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142147.D
Acq On : 28 Mar 2025 02:06
Operator : RC/JU
Sample : Q1634-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-032425

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.210	1036	1040	1043	rVB2	466312	630065	18.29%	1.242%
38	8.239	1043	1045	1052	rVB5	192814	306826	8.91%	0.605%
39	8.328	1053	1060	1061	rBV4	151872	323417	9.39%	0.637%
40	8.351	1061	1064	1068	rVB2	284716	340683	9.89%	0.672%
41	8.398	1069	1072	1075	rBV3	101673	136735	3.97%	0.270%
42	8.445	1075	1080	1085	rBV6	459315	730655	21.21%	1.440%
43	8.498	1086	1089	1092	rBV2	219574	257755	7.48%	0.508%
44	8.533	1092	1095	1098	rVV3	279778	318015	9.23%	0.627%
45	8.569	1098	1101	1107	rBV2	449190	587442	17.05%	1.158%
46	8.657	1112	1116	1120	rBV	638975	816750	23.71%	1.610%
47	8.745	1126	1131	1135	rBV	1385100	1859393	53.97%	3.665%
48	8.810	1140	1142	1145	rVV	139038	174440	5.06%	0.344%
49	8.904	1155	1158	1160	rBV3	120905	151558	4.40%	0.299%
50	8.975	1166	1170	1174	rBV3	518436	668833	19.41%	1.318%
51	9.104	1188	1192	1196	rVB4	373542	597424	17.34%	1.178%
52	9.145	1196	1199	1200	rVV	191714	178222	5.17%	0.351%
53	9.169	1200	1203	1209	rVV4	559028	866894	25.16%	1.709%
54	9.227	1209	1213	1217	rVB2	501348	623166	18.09%	1.228%
55	9.310	1222	1227	1231	rBV	1744701	2356790	68.40%	4.645%
56	9.380	1236	1239	1245	rVB	327690	422940	12.28%	0.834%
57	9.563	1263	1270	1272	rBV5	373718	800461	23.23%	1.578%
58	9.627	1276	1281	1284	rVV2	912653	1592622	46.23%	3.139%
59	9.686	1288	1291	1295	rVB2	381620	448352	13.01%	0.884%
60	9.839	1312	1317	1321	rVB	1722658	2116698	61.44%	4.172%
61	9.910	1321	1329	1333	rVB	713691	1160809	33.69%	2.288%
62	10.010	1344	1346	1351	rVB2	150835	173280	5.03%	0.342%
63	10.069	1352	1356	1358	rBV	290069	440754	12.79%	0.869%
64	10.157	1368	1371	1375	rBV4	394688	559270	16.23%	1.102%
65	10.227	1380	1383	1389	rBV6	155109	353544	10.26%	0.697%
66	10.339	1397	1402	1406	rBV	1729023	2249415	65.29%	4.434%
67	10.557	1434	1439	1445	rBV	766303	1208165	35.07%	2.381%
68	10.610	1445	1448	1451	rVV3	146790	169187	4.91%	0.333%
69	10.639	1451	1453	1456	rVV2	144992	172447	5.01%	0.340%
70	10.674	1456	1459	1466	rVB3	217369	391717	11.37%	0.772%
71	10.816	1478	1483	1491	rVB	1875683	3222405	93.53%	6.352%
72	11.004	1512	1515	1517	rBV	149739	195282	5.67%	0.385%
73	11.257	1554	1558	1561	rBV	1340367	1769600	51.36%	3.488%
74	11.286	1561	1563	1569	rVB	620266	824242	23.92%	1.625%
75	11.398	1577	1582	1585	rBV	633744	854907	24.81%	1.685%
76	11.639	1620	1623	1626	rVB2	143965	170777	4.96%	0.337%

LSC Area Percent Report

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Acq On : 28 Mar 2025 02:06
Operator : RC/JU
Sample : Q1634-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-032425

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.686	1626	1631	1635	rBV	1094481	1342903	38.98%	2.647%
78	12.092	1696	1700	1705	rVB	904118	1095158	31.79%	2.159%
79	12.374	1745	1748	1752	rVB	98546	113112	3.28%	0.223%
80	12.480	1762	1766	1770	rVB	691271	849368	24.65%	1.674%
81	12.851	1825	1829	1834	rVB	467978	588130	17.07%	1.159%
82	12.974	1846	1850	1860	rVB	445887	657091	19.07%	1.295%
83	13.204	1886	1889	1898	rVB	275879	366657	10.64%	0.723%
84	13.551	1944	1948	1952	rBV	180225	246216	7.15%	0.485%
85	13.880	2001	2004	2014	rVB	127243	202496	5.88%	0.399%
86	14.033	2026	2030	2036	rBV	561700	704101	20.44%	1.388%
87	15.509	2277	2281	2290	rVB	326306	569613	16.53%	1.123%

Sum of corrected areas: 50733075

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142147.D
Acq On : 28 Mar 2025 02:06
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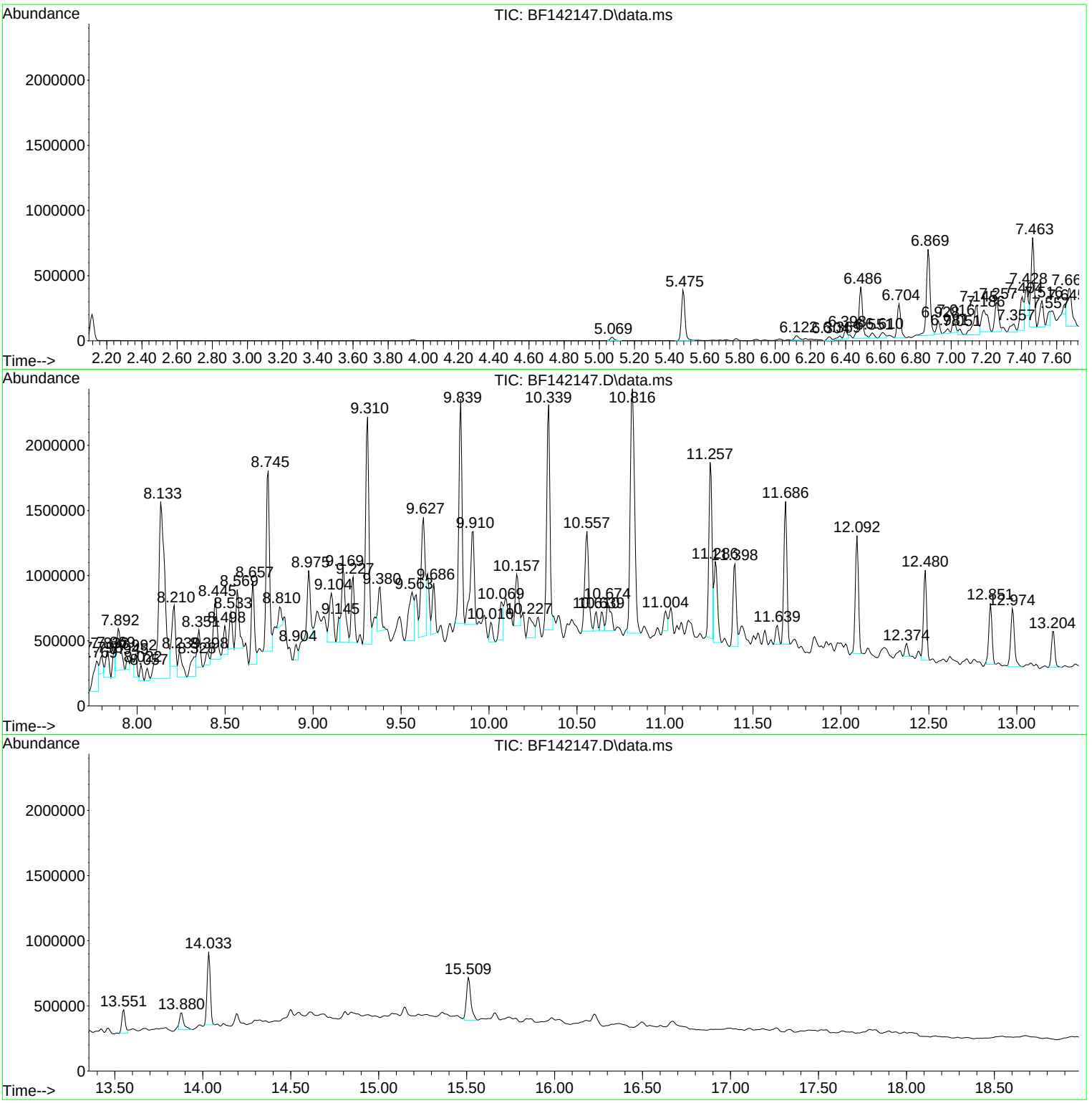
Sample : Q1634-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-032425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142147.D
Acq On : 28 Mar 2025 02:06
Operator : RC/JU
Sample : Q1634-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-032425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

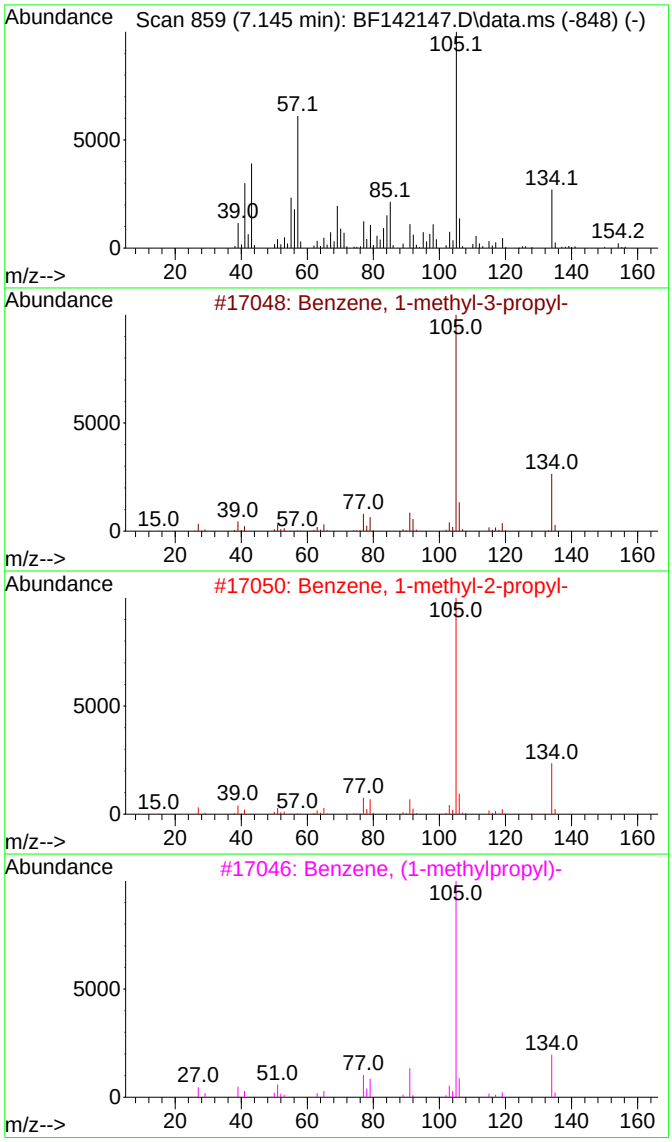
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

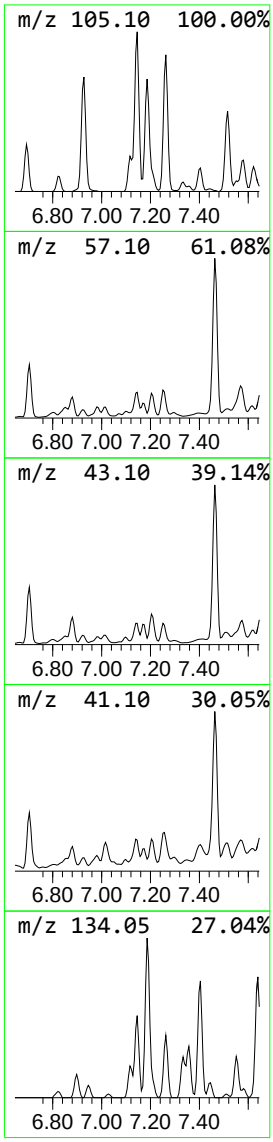
****

Peak Number 1 Benzene, 1-methyl-3-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.145	9.18 ng	444542	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	60
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	60
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	55
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142147.D
Acq On : 28 Mar 2025 02:06
Operator : RC/JU
Sample : Q1634-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-032425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

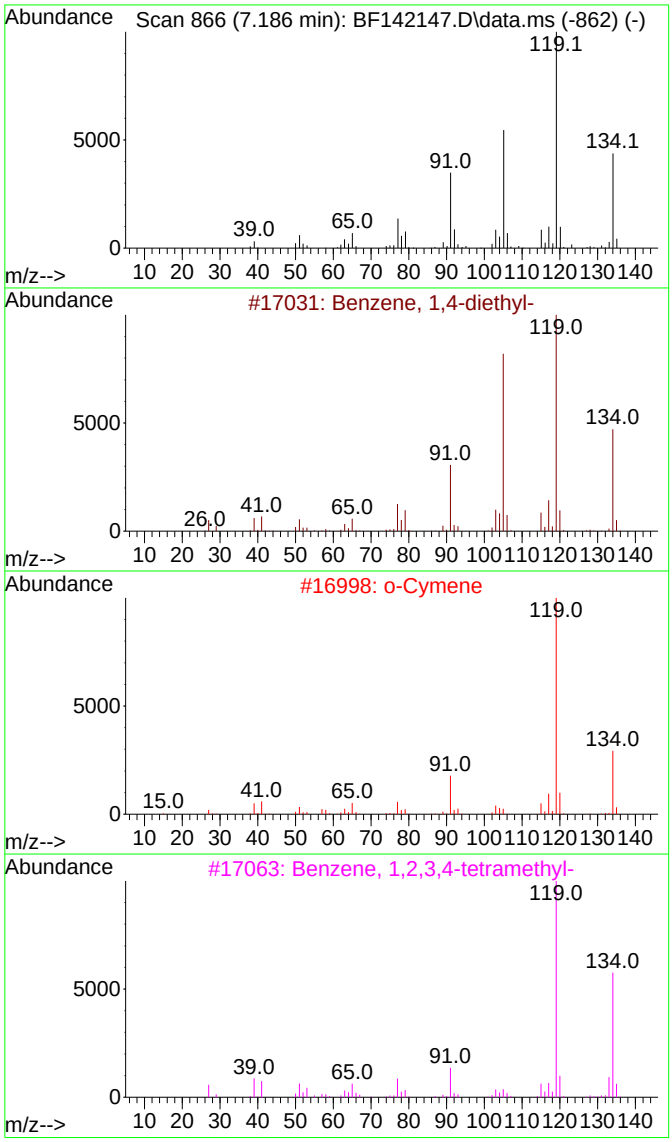
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

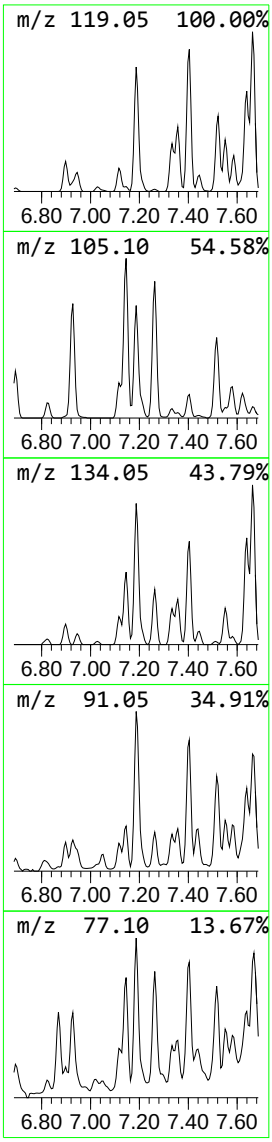
****

Peak Number 2 Benzene, 1,4-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.186	8.25 ng	399610	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
2	o-Cymene	134	C10H14	000527-84-4	93
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142147.D
Acq On : 28 Mar 2025 02:06
Operator : RC/JU
Sample : Q1634-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-032425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

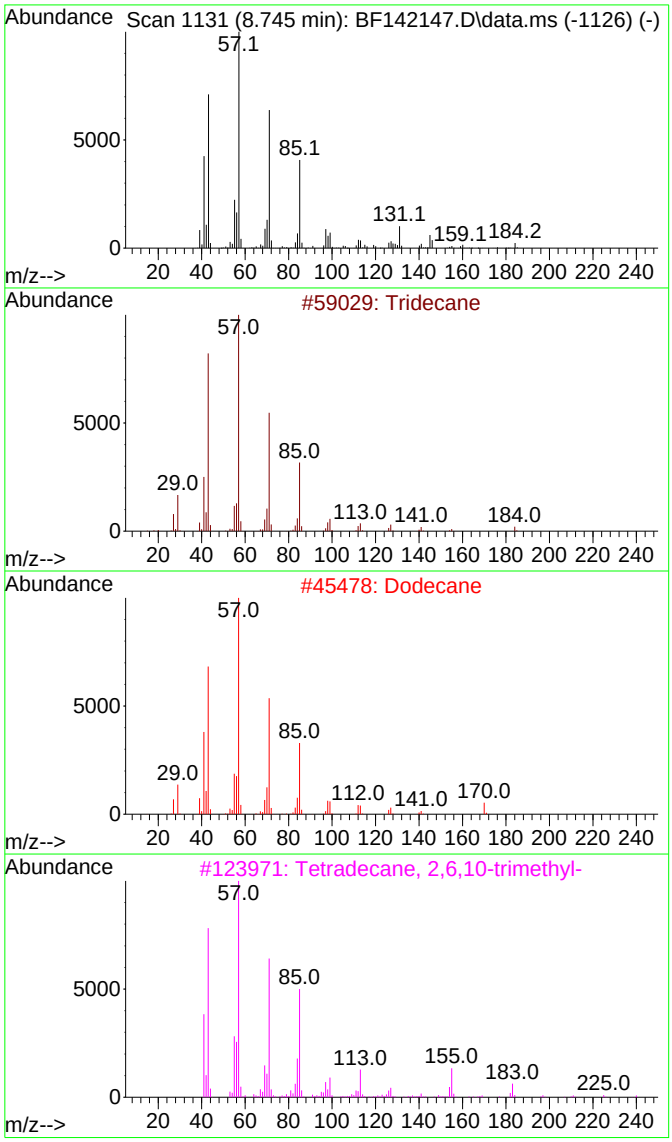
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

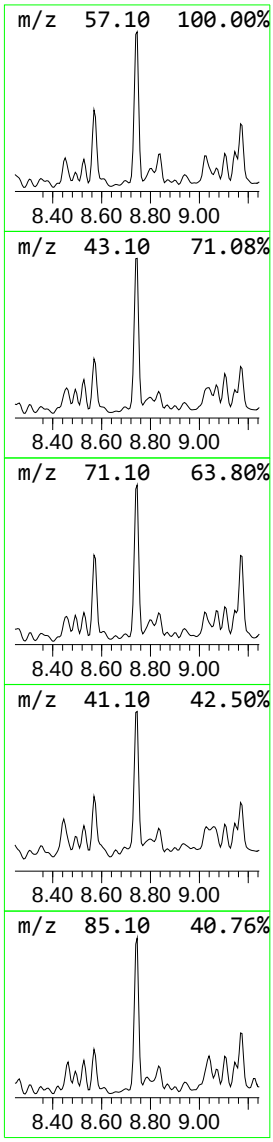
****

Peak Number 3 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.745	10.79 ng	1859390	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Dodecane	170	C12H26	000112-40-3	72
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	59
4	Tetradecane	198	C14H30	000629-59-4	58
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	52





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

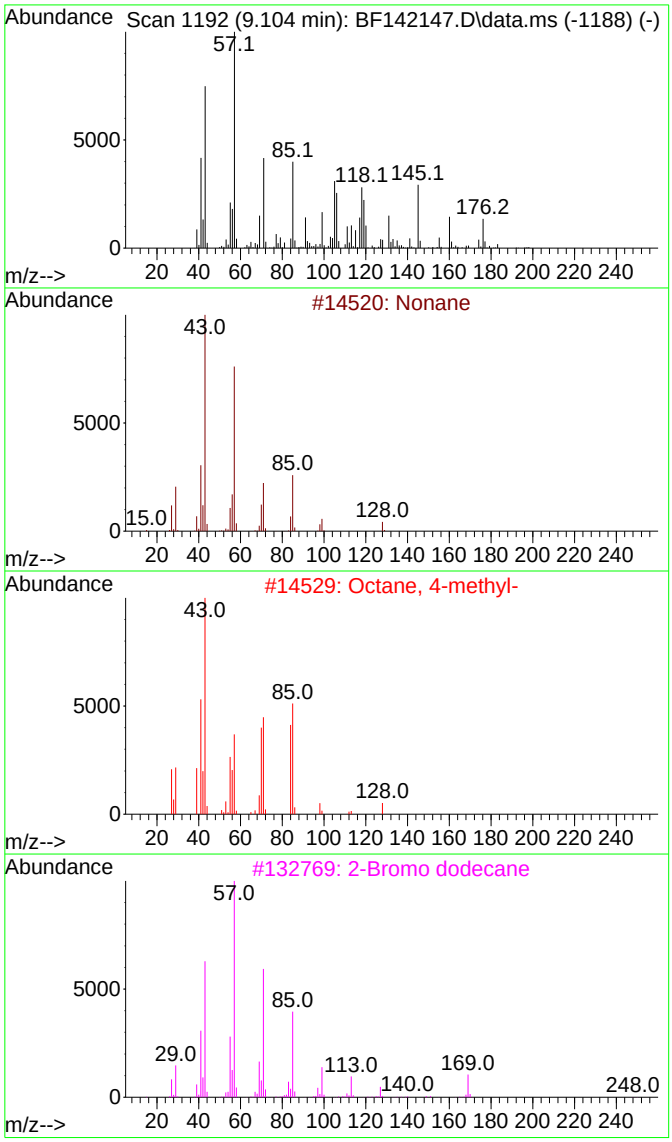
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

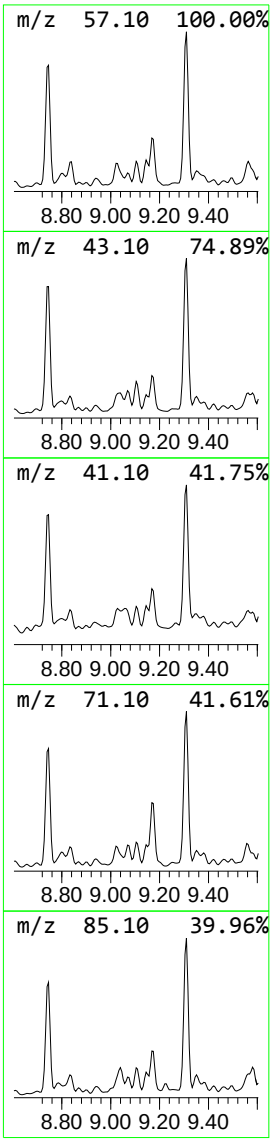
****

Peak Number 4 unknown9.104 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.104	10.29 ng	597424	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	30
2	Octane, 4-methyl-	128	C9H20	002216-34-4	30
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	30
4	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	27
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	27





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Operator : RC/JU
Sample : Q1634-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-032425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

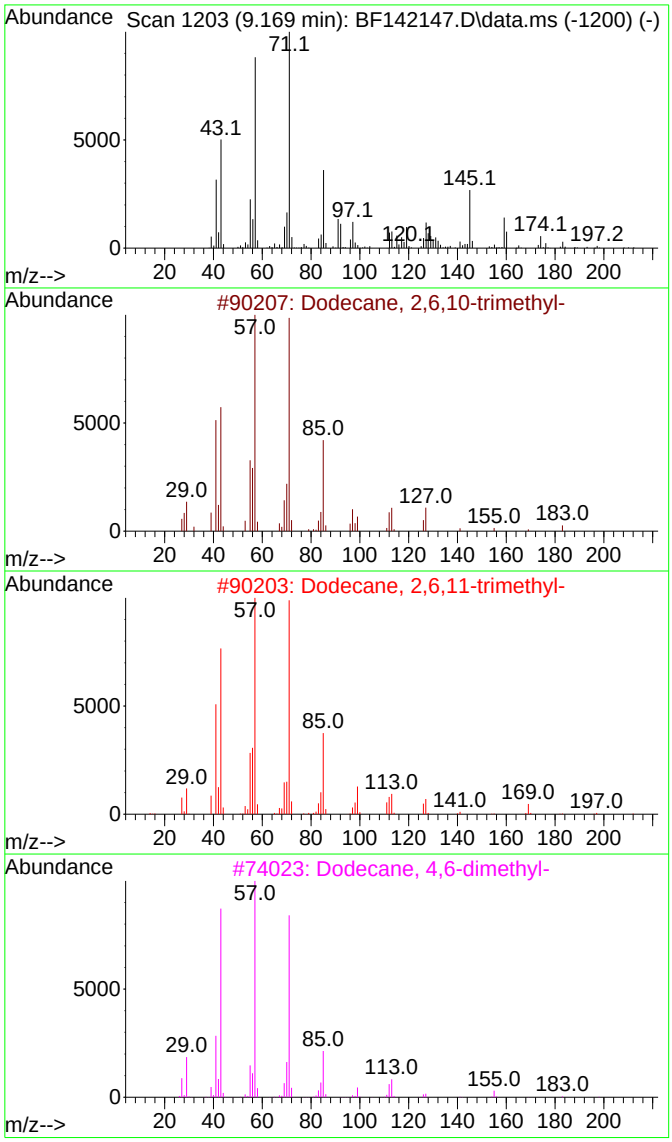
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

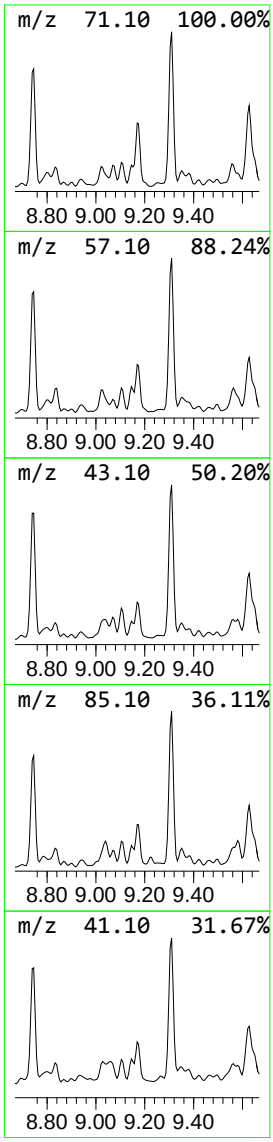
****

Peak Number 5 Dodecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.169	14.94 ng	866894	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	62
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	58
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	55
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	53
5	Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142147.D
Acq On : 28 Mar 2025 02:06
Operator : RC/JU
Sample : Q1634-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-032425

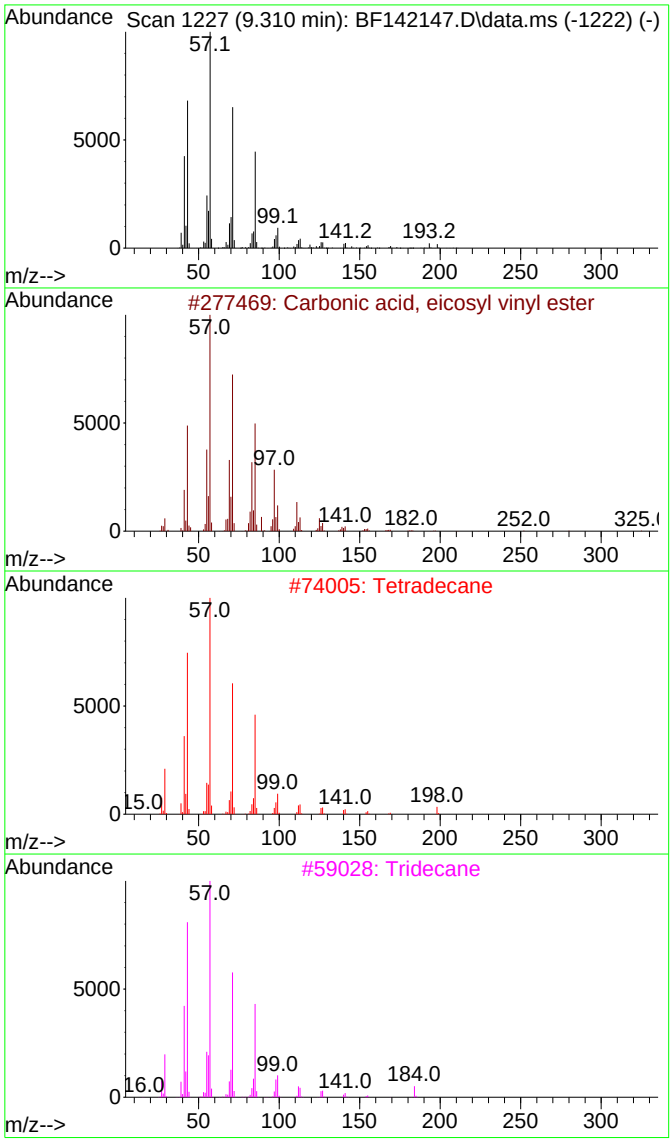
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

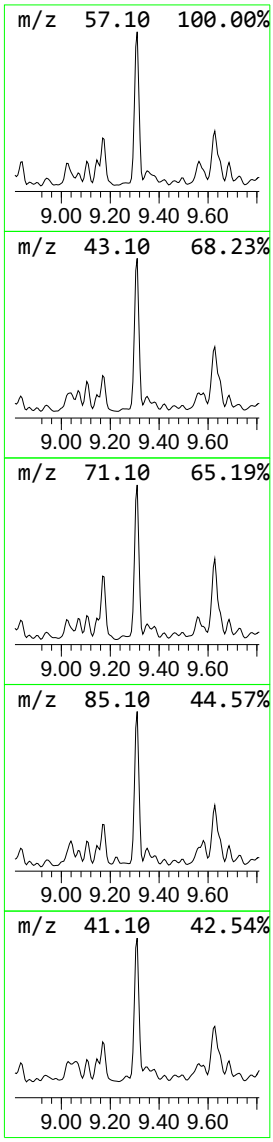
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Carbonic acid, eicosyl viny... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.310	40.61 ng	2356790	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Acq On : 28 Mar 2025 02:06
Operator : RC/JU
Sample : Q1634-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-01-032425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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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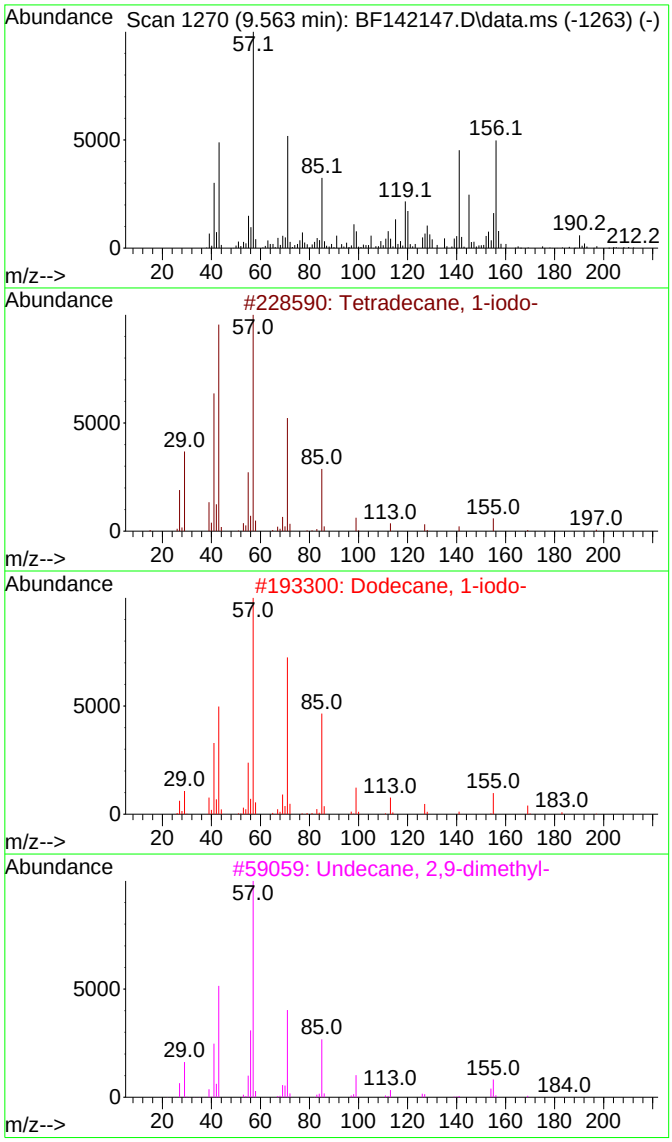
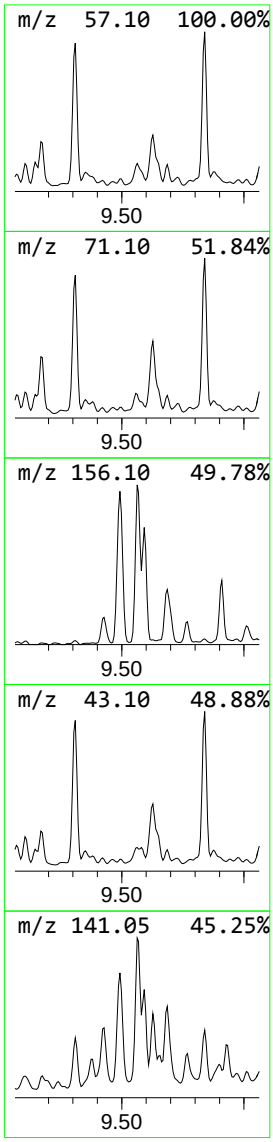
Peak Number 7 unknown9.563 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.563	13.79 ng	800461	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	22
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	18
3	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	14
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	14
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	11





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Misc :
ALS Vial : 22 Sample Multiplier: 1

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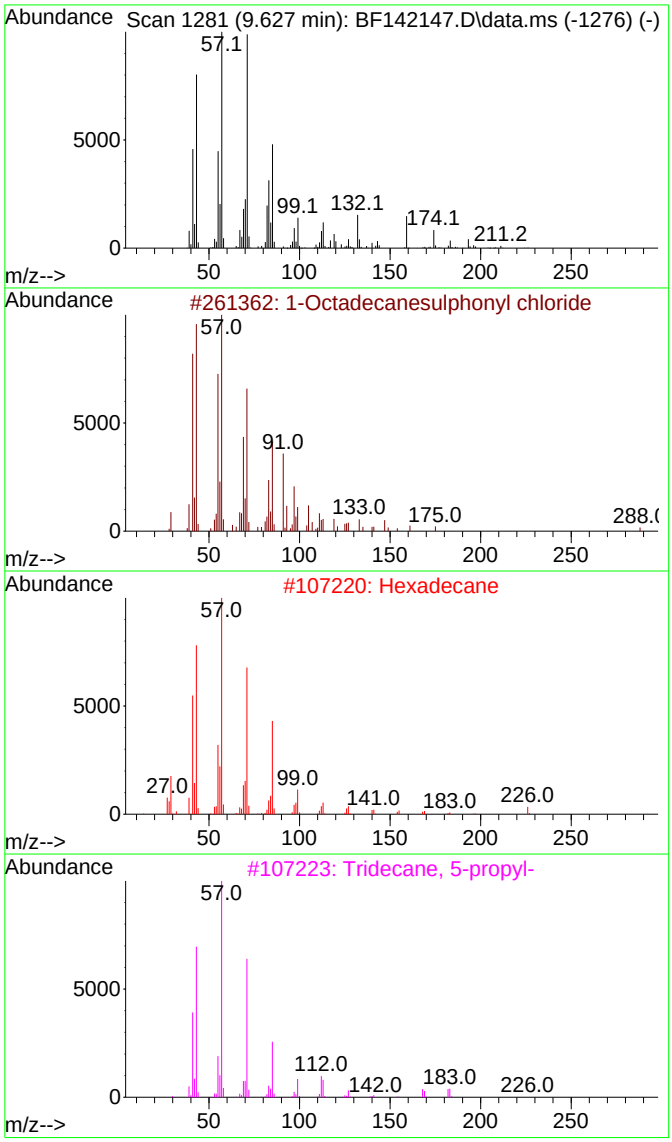
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

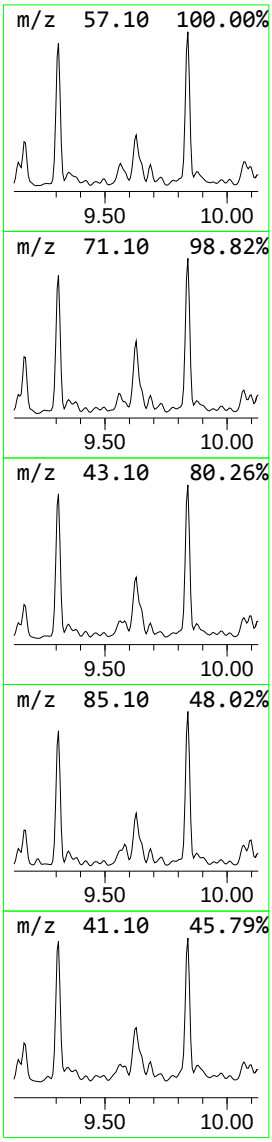
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1-Octadecanesulphonyl chloride Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.627	27.44 ng	1592620	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	64
2	Hexadecane	226	C16H34	000544-76-3	58
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	58
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	58
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52





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Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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

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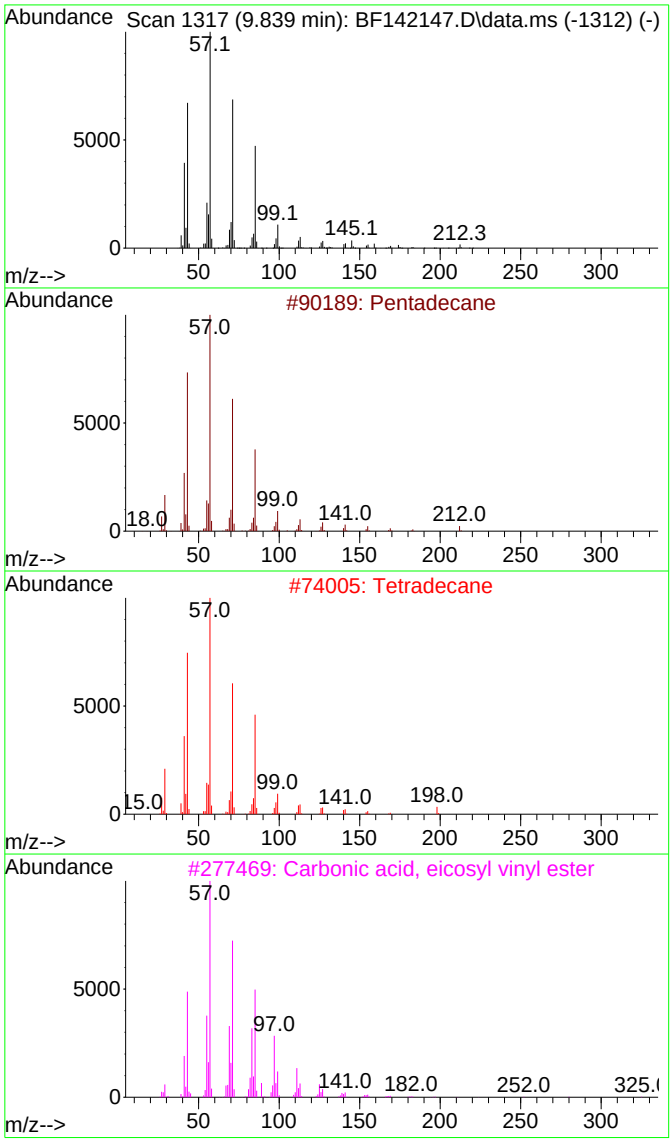
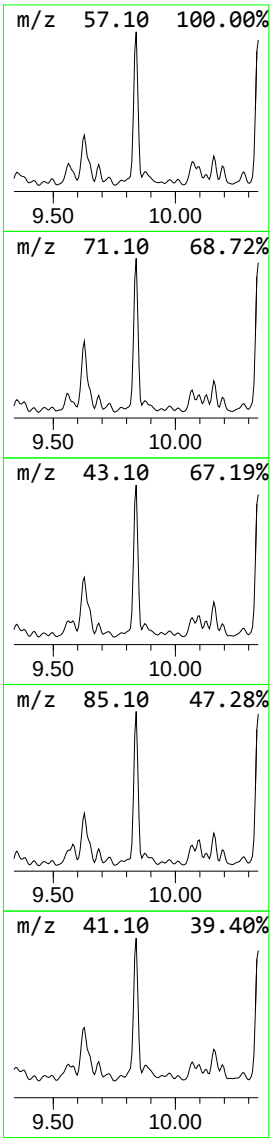
Peak Number 9 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.839	36.47 ng	2116700	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Tetradecane	198	C14H30	000629-59-4	91
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
4	Tridecane	184	C13H28	000629-50-5	90
5	Heptadecane	240	C17H36	000629-78-7	90





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Misc :
ALS Vial : 22 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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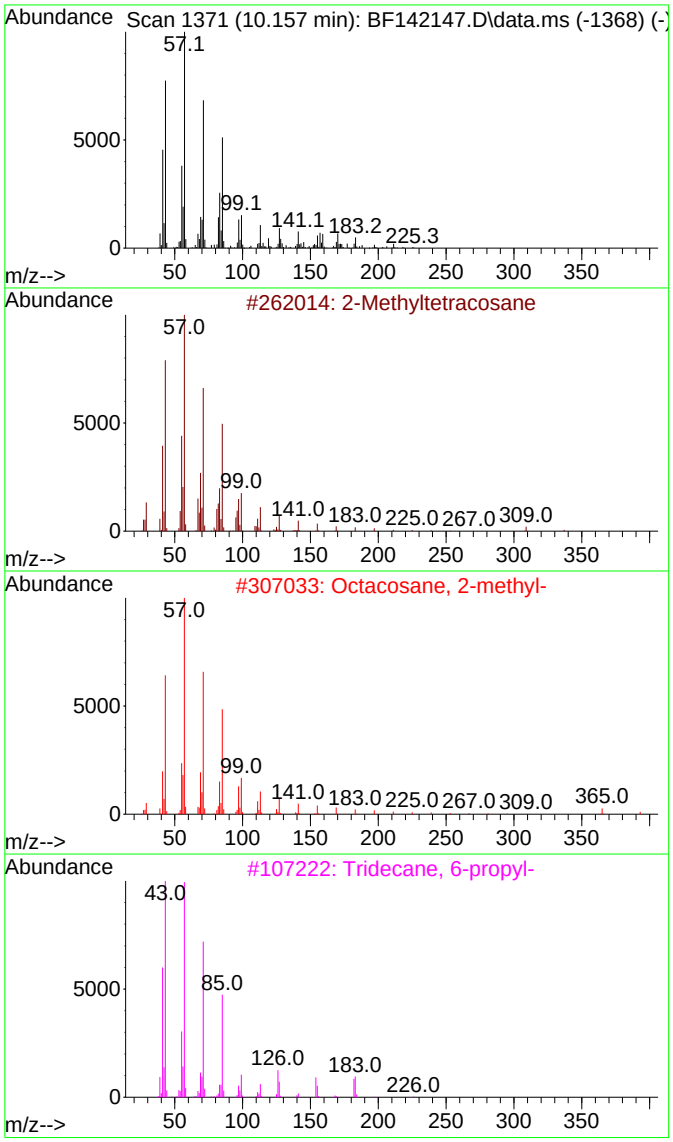
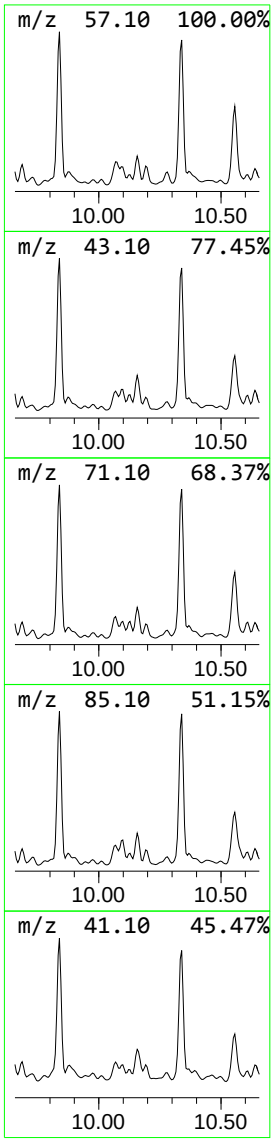
Peak Number 10 2-Methyltetracosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.157	9.64 ng	559270	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyltetracosane	352	C25H52	001560-78-7	91
2	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	86
4	10-Methylnonadecane	282	C20H42	056862-62-5	83
5	Heptacosane	380	C27H56	000593-49-7	83





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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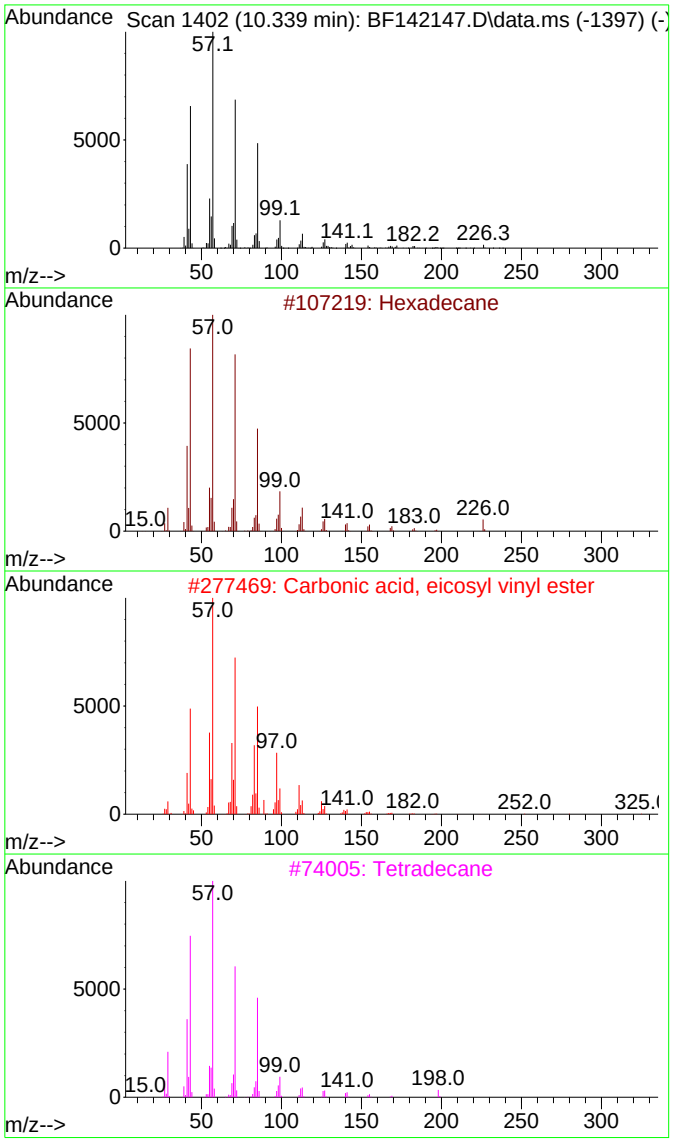
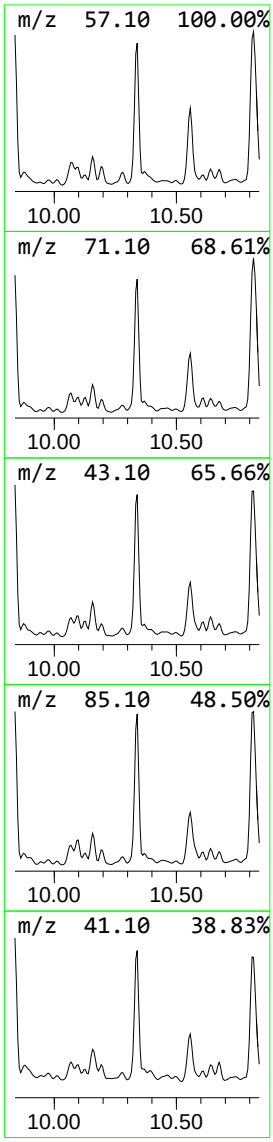
Peak Number 11 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.339	38.76 ng	2249420	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	90
5	Nonadecane	268	C19H40	000629-92-5	90





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ALS Vial : 22 Sample Multiplier: 1

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

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

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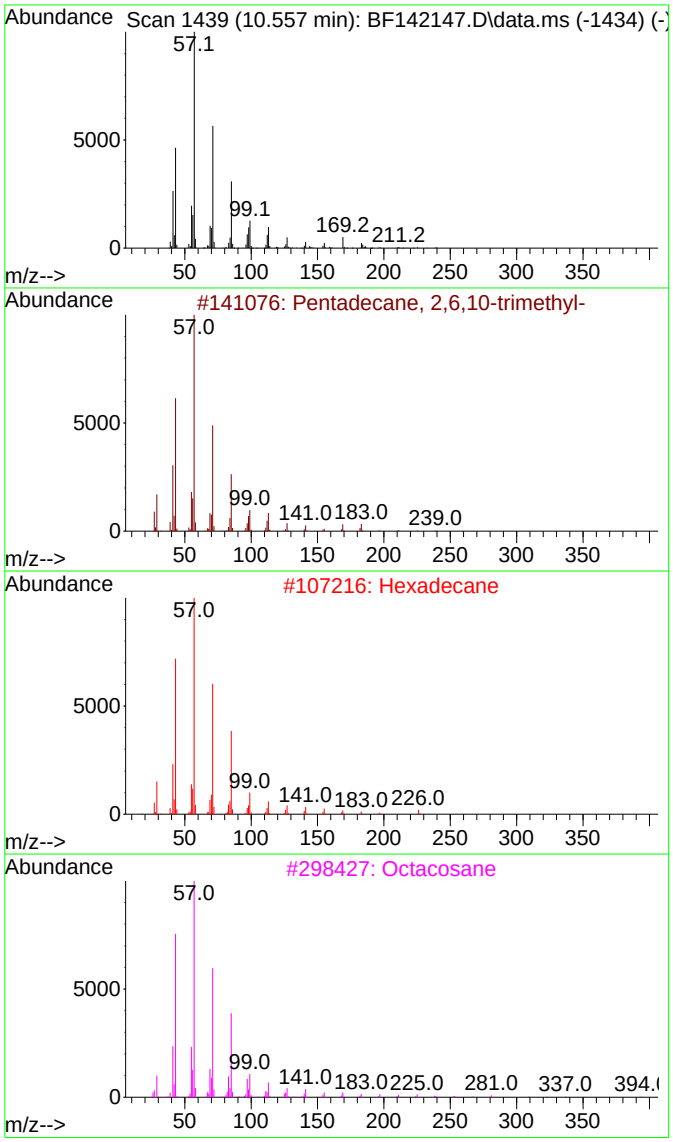
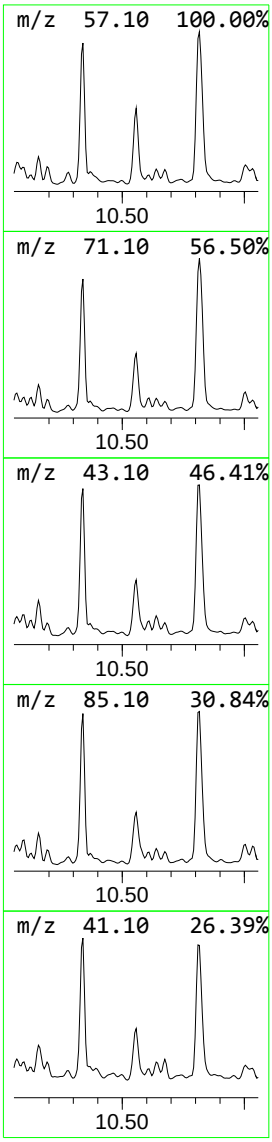
Peak Number 12 Pentadecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.557	20.82 ng	1208170	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Hexadecane	226	C16H34	000544-76-3	80
3	Octacosane	394	C28H58	000630-02-4	80
4	Octadecane	254	C18H38	000593-45-3	80
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80





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

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

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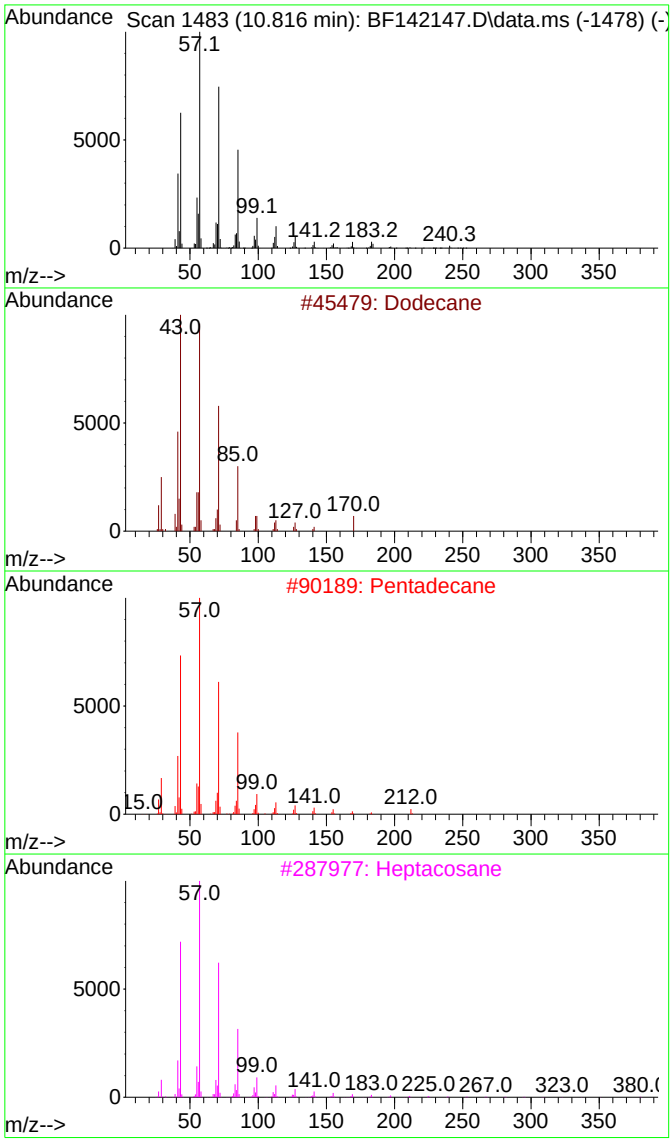
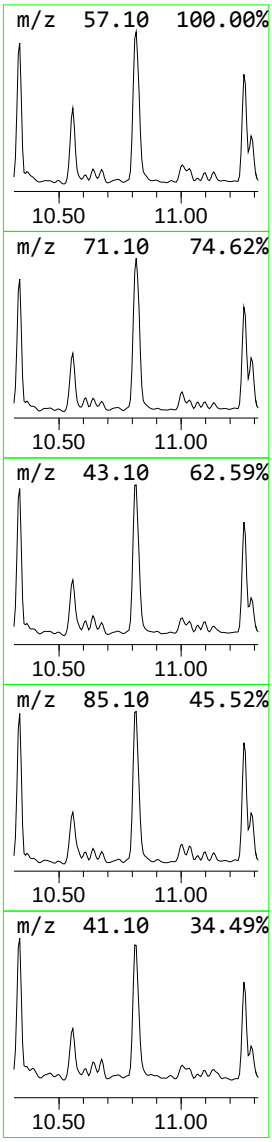
Peak Number 13 Dodecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	75.39 ng	3222410	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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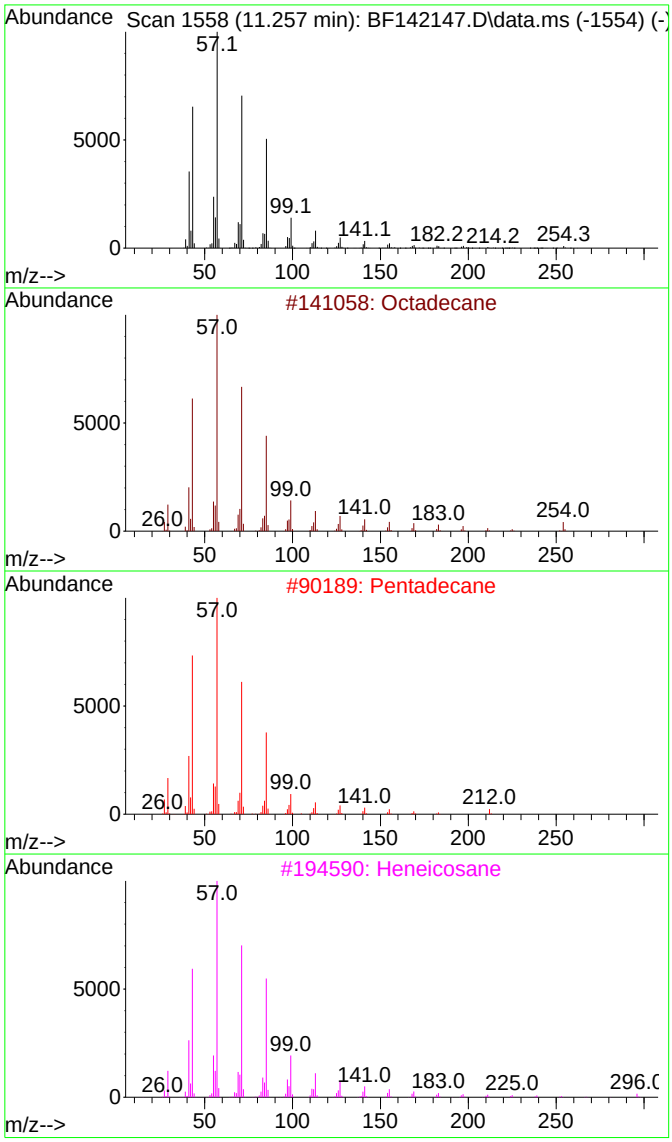
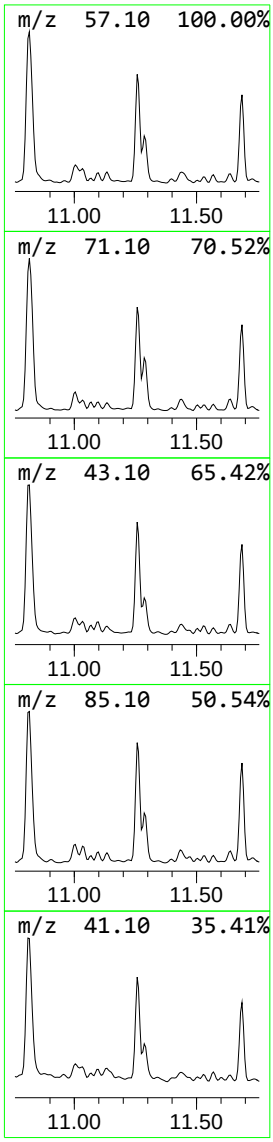
Peak Number 14 Octadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	41.40 ng	1769600	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Nonadecane	268	C19H40	000629-92-5	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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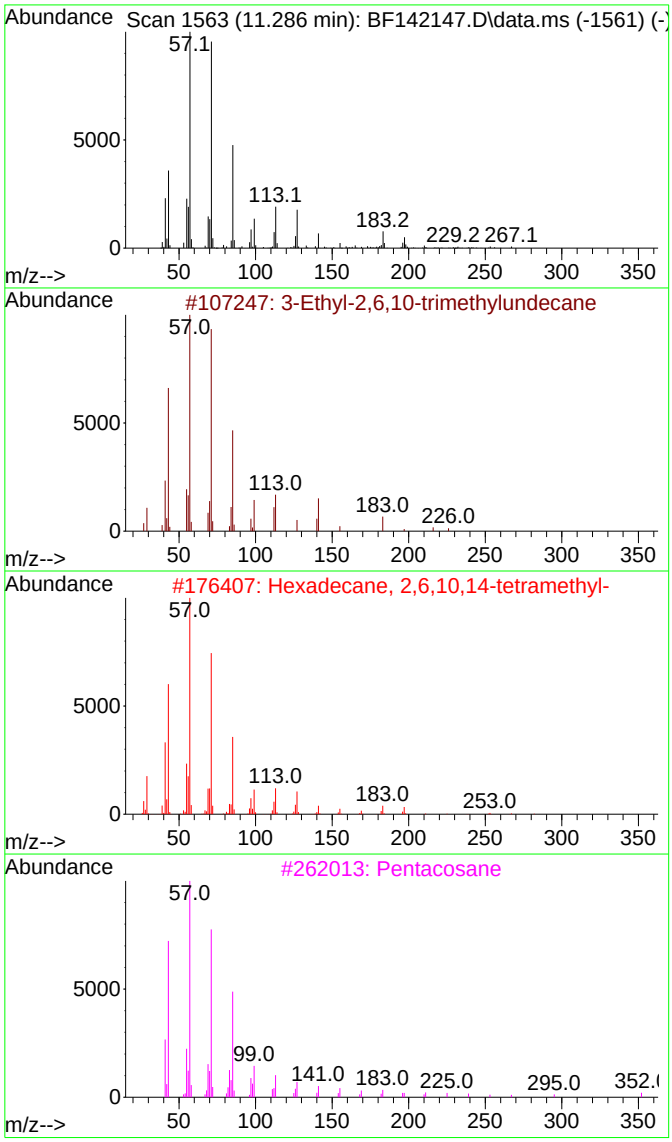
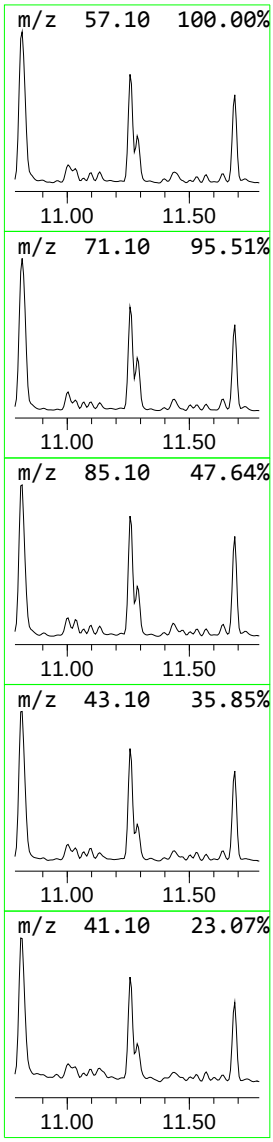
Peak Number 15 3-Ethyl-2,6,10-trimethylund... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	19.28 ng	824242	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	90
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
3	Pentacosane	352	C25H52	000629-99-2	80
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
5	Hexadecane	226	C16H34	000544-76-3	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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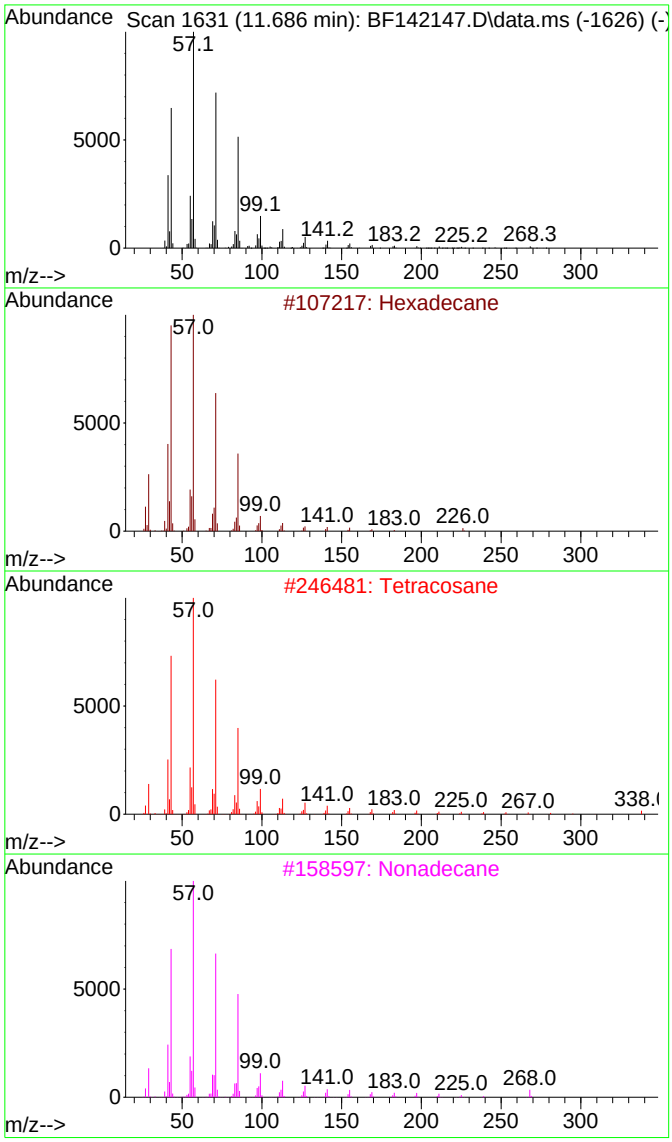
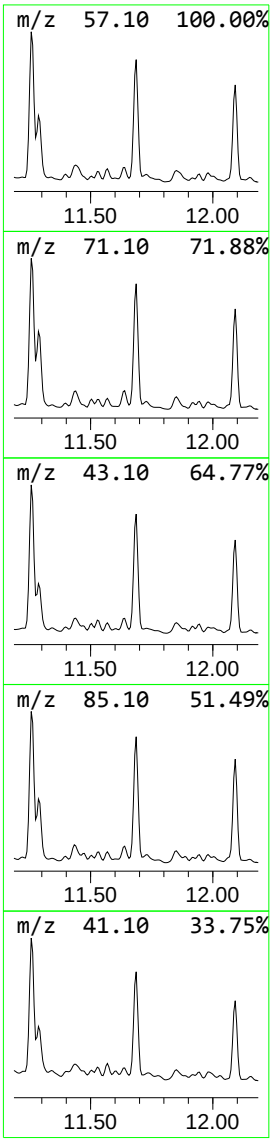
Peak Number 16 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.686	31.42 ng	1342900	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Tetracosane	338	C24H50	000646-31-1	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Tetradecane	198	C14H30	000629-59-4	91
5	Heneicosane	296	C21H44	000629-94-7	91





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ALS Vial : 22 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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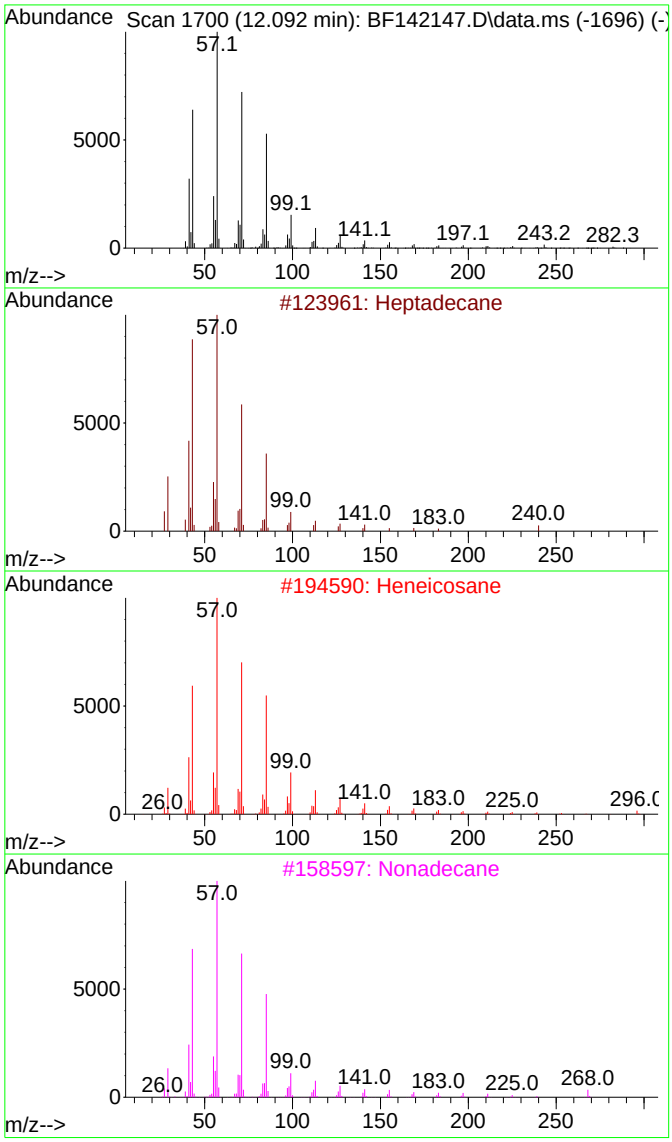
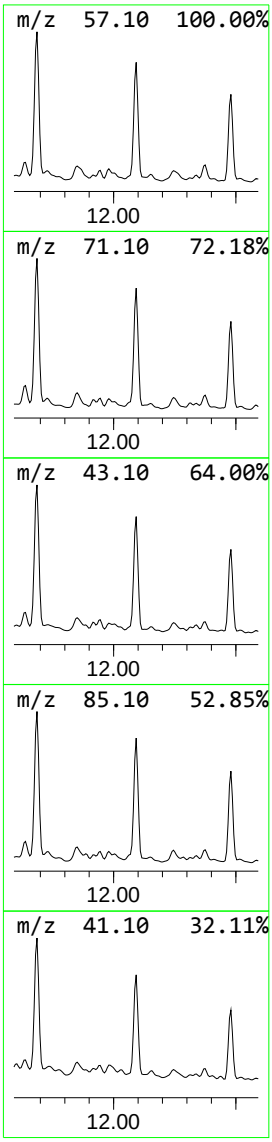
Peak Number 17 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	25.62 ng	1095160	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90





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ALS Vial : 22 Sample Multiplier: 1

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

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

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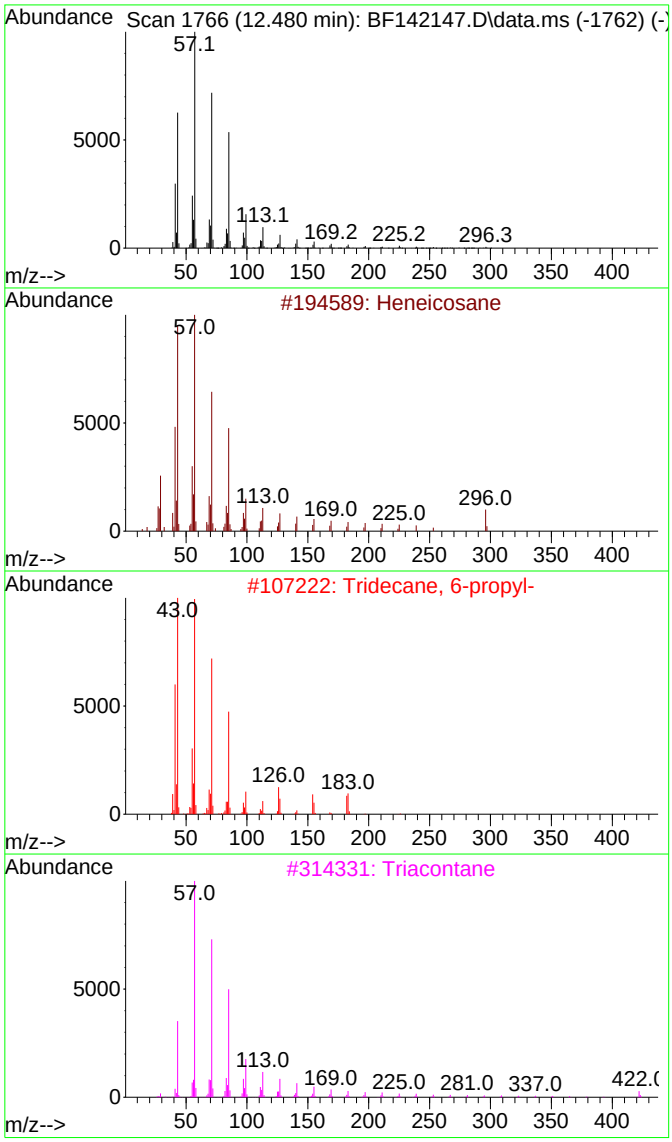
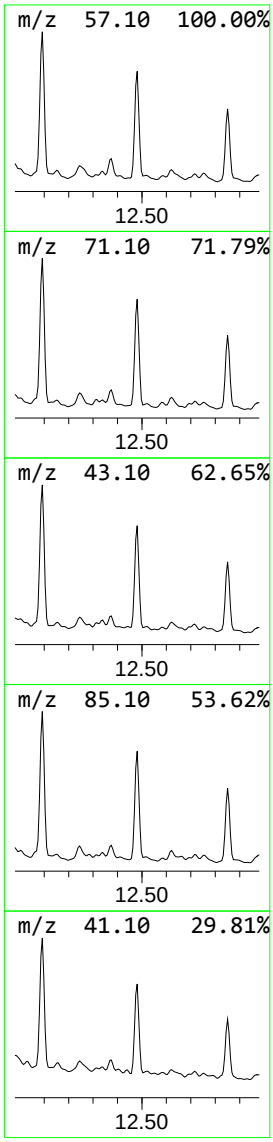
Peak Number 18 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	19.87 ng	849368	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
3	Triacontane	422	C30H62	000638-68-6	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Heptadecane	240	C17H36	000629-78-7	91





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Acq On : 28 Mar 2025 02:06
Operator : RC/JU
Sample : Q1634-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-032425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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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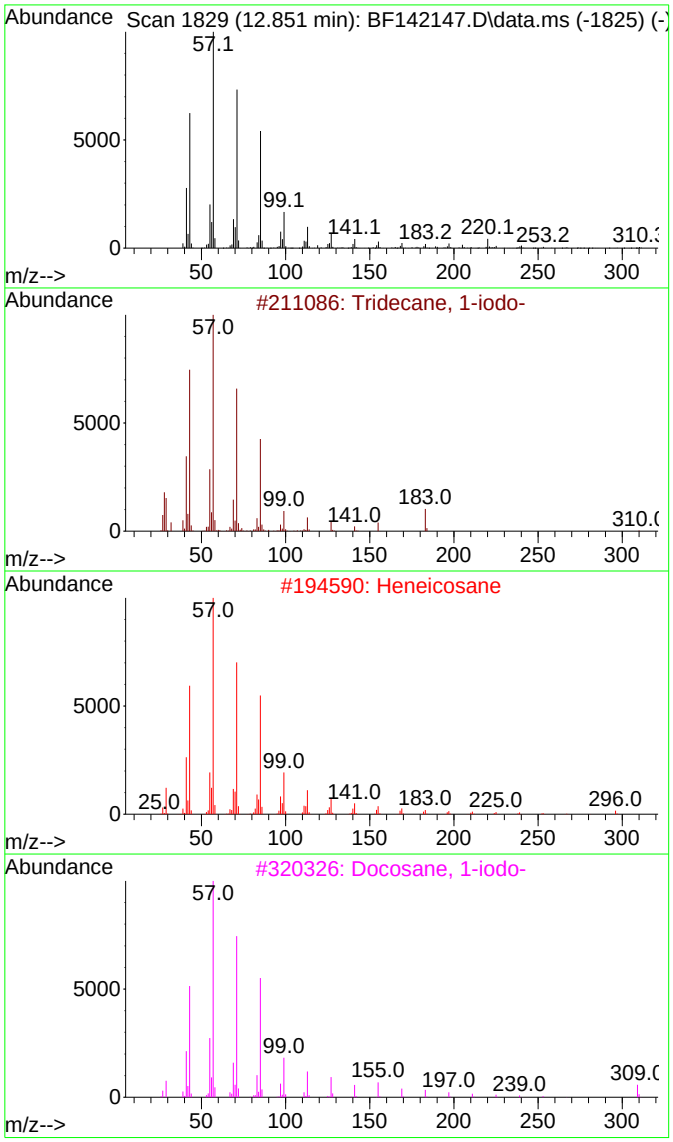
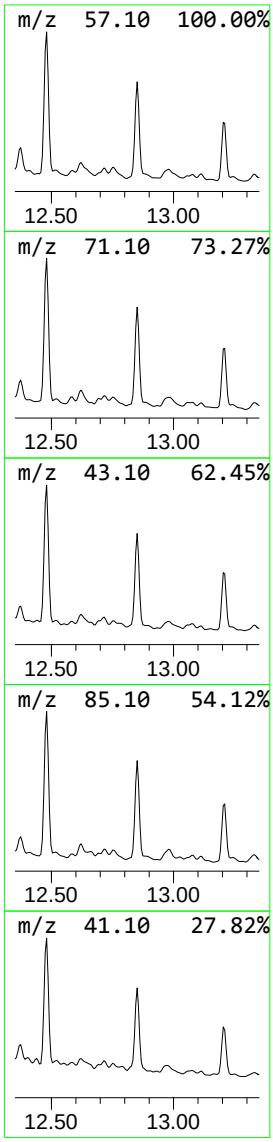
Peak Number 19 Tridecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.851	16.71 ng	588130	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Heptadecane	240	C17H36	000629-78-7	90





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Data File : BF142147.D
Acq On : 28 Mar 2025 02:06
Operator : RC/JU
Sample : Q1634-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-032425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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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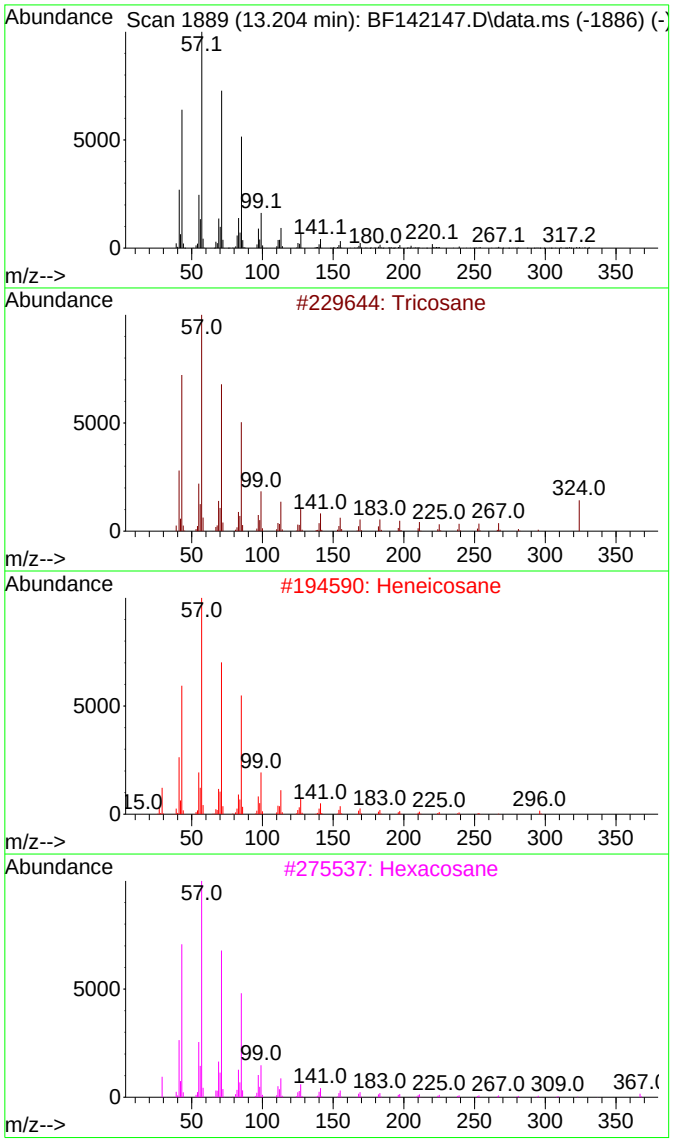
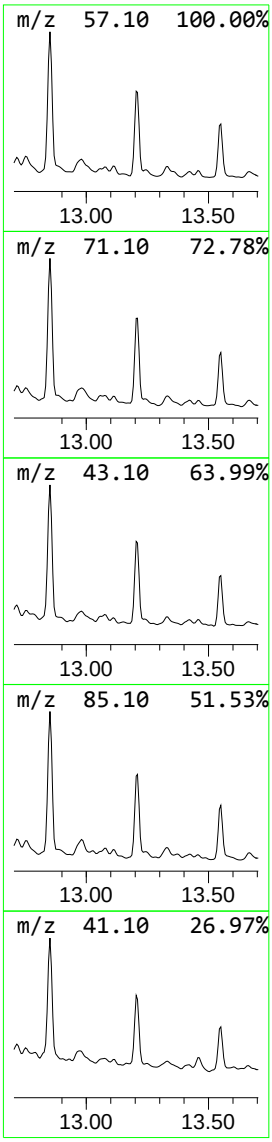
Peak Number 20 Tricosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	10.41 ng	366657	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Hexadecane	226	C16H34	000544-76-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142147.D
Acq On : 28 Mar 2025 02:06
Operator : RC/JU
Sample : Q1634-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-032425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-meth...	7.145	9.2	ng	444542	1	6.869	968469	20.0
Benzene, 1,4-di...	7.186	8.3	ng	399610	1	6.869	968469	20.0
Tridecane	8.745	10.8	ng	1859390	2	8.151	3445370	20.0
unknown9.104	9.104	10.3	ng	597424	3	9.910	1160810	20.0
Dodecane, 2,6,1...	9.169	14.9	ng	866894	3	9.910	1160810	20.0
Carbonic acid, ...	9.310	40.6	ng	2356790	3	9.910	1160810	20.0
unknown9.563	9.563	13.8	ng	800461	3	9.910	1160810	20.0
1-Octadecanesul...	9.627	27.4	ng	1592620	3	9.910	1160810	20.0
Pentadecane	9.839	36.5	ng	2116700	3	9.910	1160810	20.0
2-Methyltetraco...	10.157	9.6	ng	559270	3	9.910	1160810	20.0
Hexadecane	10.339	38.8	ng	2249420	3	9.910	1160810	20.0
Pentadecane, 2,...	10.557	20.8	ng	1208170	3	9.910	1160810	20.0
Dodecane	10.816	75.4	ng	3222410	4	11.398	854907	20.0
Octadecane	11.257	41.4	ng	1769600	4	11.398	854907	20.0
3-Ethyl-2,6,10-...	11.286	19.3	ng	824242	4	11.398	854907	20.0
Tetracosane	11.686	31.4	ng	1342900	4	11.398	854907	20.0
Heptadecane	12.092	25.6	ng	1095160	4	11.398	854907	20.0
Heneicosane	12.480	19.9	ng	849368	4	11.398	854907	20.0
Tridecane, 1-iodo-	12.851	16.7	ng	588130	5	14.033	704101	20.0
Tricosane	13.204	10.4	ng	366657	5	14.033	704101	20.0