LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060722\
Data File : BM035410.D
Acq On : 07 Jun 2022 13:07
Operator : CG/JU
Sample : N3186-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
2513-2514

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_M\Methods\8270-BM060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035410.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.428	391	398	414	rBV	1638446	2545225	53.35%	4.814%
2	7.028	658	670	691	rBV	1498052	2602950	54.56%	4.923%
3	7.839	800	808	816	rBV	524717	893847	18.74%	1.691%
4	8.375	890	899	907	rBV4	24925	76534	1.60%	0.145%
5	8.951	988	997	1000	rBV4	36312	88994	1.87%	0.168%
6	9.004	1000	1006	1016	rVV	998725	1687862	35.38%	3.192%
7	9.198	1036	1039	1045	rVB4	36990	71930	1.51%	0.136%
8	9.492	1084	1089	1095	rBV3	36141	68111	1.43%	0.129%
9	9.563	1095	1101	1106	rVB4	37259	68407	1.43%	0.129%
10	9.822	1140	1145	1154	rVB7	55833	106758	2.24%	0.202%
11	9.928	1154	1163	1167	rVB2	29848	67828	1.42%	0.128%
12	9.992	1167	1174	1179	rBV4	33419	62462	1.31%	0.118%
13	10.080	1185	1189	1198	rVB9	23720	65823	1.38%	0.124%
14	10.233	1211	1215	1226	rVB7	25646	59908	1.26%	0.113%
15	10.639	1274	1284	1291	rBV	713487	1330692	27.89%	2.517%
16	10.763	1301	1305	1309	rVB4	35023	53239	1.12%	0.101%
17	10.810	1309	1313	1319	rVV	136615	205421	4.31%	0.389%
18	10.869	1319	1323	1331	rVV2	36138	76239	1.60%	0.144%
19	10.939	1331	1335	1340	rVB5	31837	56946	1.19%	0.108%
20	11.139	1365	1369	1373	rVB4	44845	68511	1.44%	0.130%
21	11.345	1393	1404	1409	rBV9	77847	233568	4.90%	0.442%
22	11.416	1412	1416	1422	rVV4	37592	78108	1.64%	0.148%
23	11.486	1423	1428	1435	rVV7	51161	113979	2.39%	0.216%
24	11.569	1436	1442	1448	rVB7	45461	117441	2.46%	0.222%
25	11.674	1455	1460	1470	rBV	227372	475922	9.98%	0.900%
26	11.833	1483	1487	1492	rBV2	39144	61194	1.28%	0.116%
27	11.933	1496	1504	1508	rBV4	53885	107150	2.25%	0.203%
28	12.074	1523	1528	1538	rBV5	73662	162653	3.41%	0.308%
29	12.380	1576	1580	1587	rBV8	21462	53694	1.13%	0.102%
30	12.521	1599	1604	1607	rBV4	39896	72361	1.52%	0.137%
31	12.557	1607	1610	1616	rVB5	59243	88946	1.86%	0.168%
32	12.704	1632	1635	1639	rVB2	38618	50341	1.06%	0.095%
33	12.763	1640	1645	1651	rVB5	53822	121356	2.54%	0.230%
34	12.980	1677	1682	1685	rBV6	59785	122812	2.57%	0.232%
35	13.027	1686	1690	1696	rVV2	310229	474680	9.95%	0.898%
36	13.104	1697	1703	1714	rVB	2473947	3757405	78.76%	7.107%

LSC Area Percent Report

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Operator : CG/JU
Sample : N3186-01
Misc :
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Instrument :
BNA_M
ClientSampleId :
2513-2514

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_M\Methods\8270-BM060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.268	1727	1731	1733	rBV	80471	105560	2.21%	0.200%
38	13.316	1737	1739	1746	rVB2	110693	171562	3.60%	0.324%
39	13.410	1752	1755	1763	rVV4	66098	153358	3.21%	0.290%
40	13.480	1764	1767	1771	rVB5	58354	74243	1.56%	0.140%
41	13.757	1811	1814	1817	rBV4	38272	52252	1.10%	0.099%
42	13.810	1819	1823	1826	rVV	98203	163989	3.44%	0.310%
43	13.851	1828	1830	1834	rVV3	73736	112821	2.37%	0.213%
44	13.904	1836	1839	1843	rVB	142387	185830	3.90%	0.351%
45	13.974	1843	1851	1855	rBV2	389286	590681	12.38%	1.117%
46	14.016	1855	1858	1865	rVB5	65855	123346	2.59%	0.233%
47	14.186	1884	1887	1889	rBV2	40757	57895	1.21%	0.109%
48	14.315	1905	1909	1916	rVB4	130002	239646	5.02%	0.453%
49	14.386	1917	1921	1926	rBV	186395	268139	5.62%	0.507%
50	14.480	1930	1937	1944	rVB	1062082	1755374	36.80%	3.320%
51	14.892	2003	2007	2009	rBV2	126329	174859	3.67%	0.331%
52	15.010	2023	2027	2036	rVB6	152198	266546	5.59%	0.504%
53	15.110	2040	2044	2047	rBV	79050	125960	2.64%	0.238%
54	15.339	2080	2083	2087	rVB	147267	171914	3.60%	0.325%
55	15.527	2112	2115	2118	rVB4	59649	68104	1.43%	0.129%
56	15.745	2148	2152	2158	rVB	395669	586690	12.30%	1.110%
57	15.909	2175	2180	2182	rBV5	60469	116216	2.44%	0.220%
58	15.974	2185	2191	2199	rVB	2303252	3452584	72.38%	6.530%
59	16.133	2215	2218	2220	rBV4	43259	61649	1.29%	0.117%
60	16.227	2226	2234	2239	rBV2	690691	1278892	26.81%	2.419%
61	16.780	2325	2328	2330	rBV4	69000	95261	2.00%	0.180%
62	16.992	2362	2364	2368	rVV	111821	123325	2.59%	0.233%
63	17.045	2369	2373	2383	rVB	419797	752467	15.77%	1.423%
64	17.227	2399	2404	2409	rBV	1366880	1931492	40.49%	3.653%
65	17.733	2487	2490	2495	rVB2	137021	171163	3.59%	0.324%
66	18.139	2554	2559	2570	rVB	1325761	1948113	40.84%	3.685%
67	18.427	2605	2608	2612	rBV	117129	140524	2.95%	0.266%
68	19.027	2707	2710	2713	rBV	102990	126011	2.64%	0.238%
69	19.292	2751	2755	2761	rVB	172567	218918	4.59%	0.414%
70	19.409	2771	2775	2789	rBV	666379	1078607	22.61%	2.040%
71	19.650	2812	2816	2820	rBV2	144625	250318	5.25%	0.473%
72	19.856	2846	2851	2856	rVB	4075453	4770404	100.00%	9.022%
73	20.844	3016	3019	3025	rVB	215123	225251	4.72%	0.426%
74	21.133	3064	3068	3075	rVB	538102	672781	14.10%	1.272%
75	21.415	3111	3116	3121	rBV	1952000	2559258	53.65%	4.840%
76	21.574	3140	3143	3153	rVB	227149	398443	8.35%	0.754%

LSC Area Percent Report

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Operator : CG/JU
Sample : N3186-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
2513-2514

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
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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	22.021	3216	3219	3223	rBV	333518	473289	9.92%	0.895%
78	22.515	3299	3303	3311	rVB2	679999	1051660	22.05%	1.989%
79	23.056	3390	3395	3401	rVB2	1027488	1600959	33.56%	3.028%
80	23.668	3494	3499	3509	rVB2	1113610	2005876	42.05%	3.794%
81	23.774	3512	3517	3525	rVB2	1304522	2514009	52.70%	4.755%
82	24.368	3613	3618	3628	rVB	900104	1871569	39.23%	3.540%
83	25.185	3753	3757	3767	rVB	538964	1185349	24.85%	2.242%

Sum of corrected areas: 52872454

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060722\
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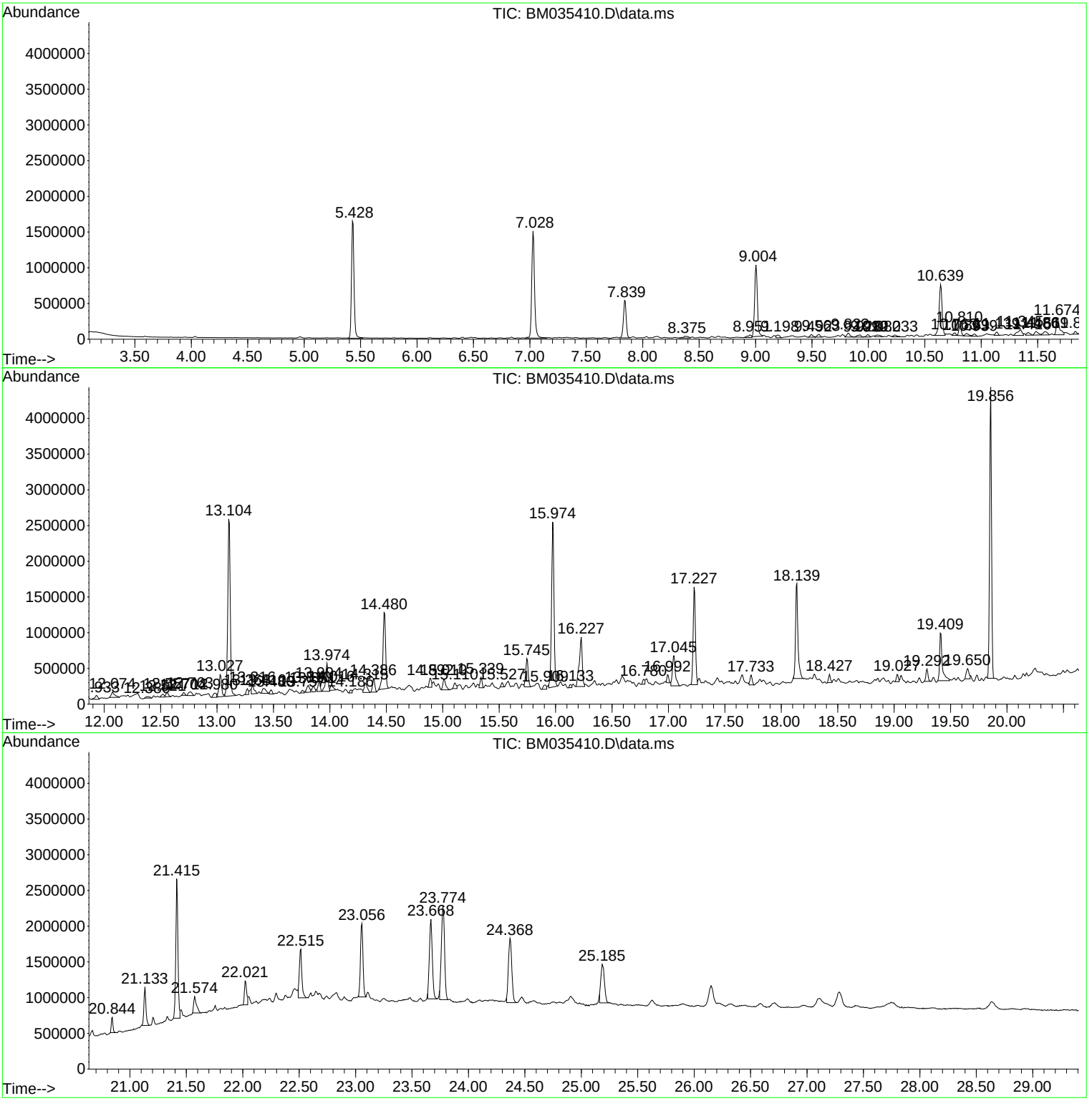
Sample : N3186-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
2513-2514

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.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_M\Data\BM060722\
Data File : BM035410.D
Acq On : 07 Jun 2022 13:07
Operator : CG/JU
Sample : N3186-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
2513-2514

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

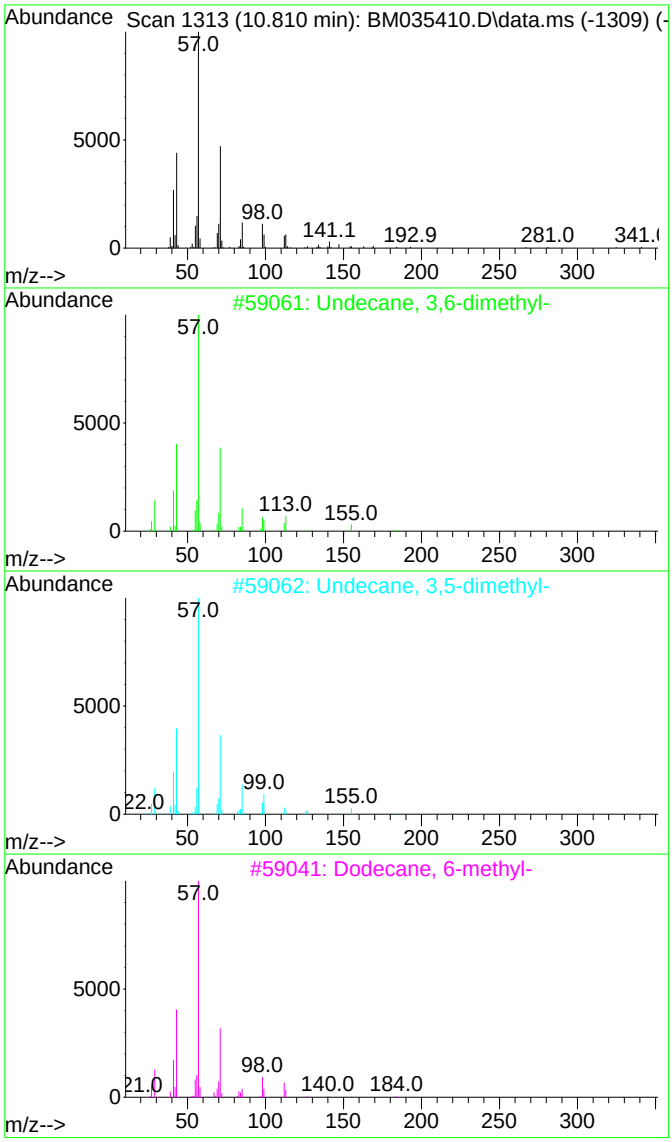
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

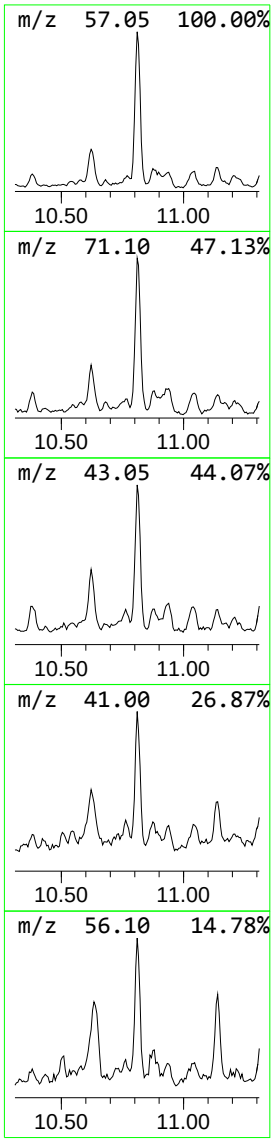
****

Peak Number 1 Undecane, 3,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.810	3.09 ng	205421	Naphthalene-d8	10.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	91
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	74
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060722\
Data File : BM035410.D
Acq On : 07 Jun 2022 13:07
Operator : CG/JU
Sample : N3186-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
2513-2514

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

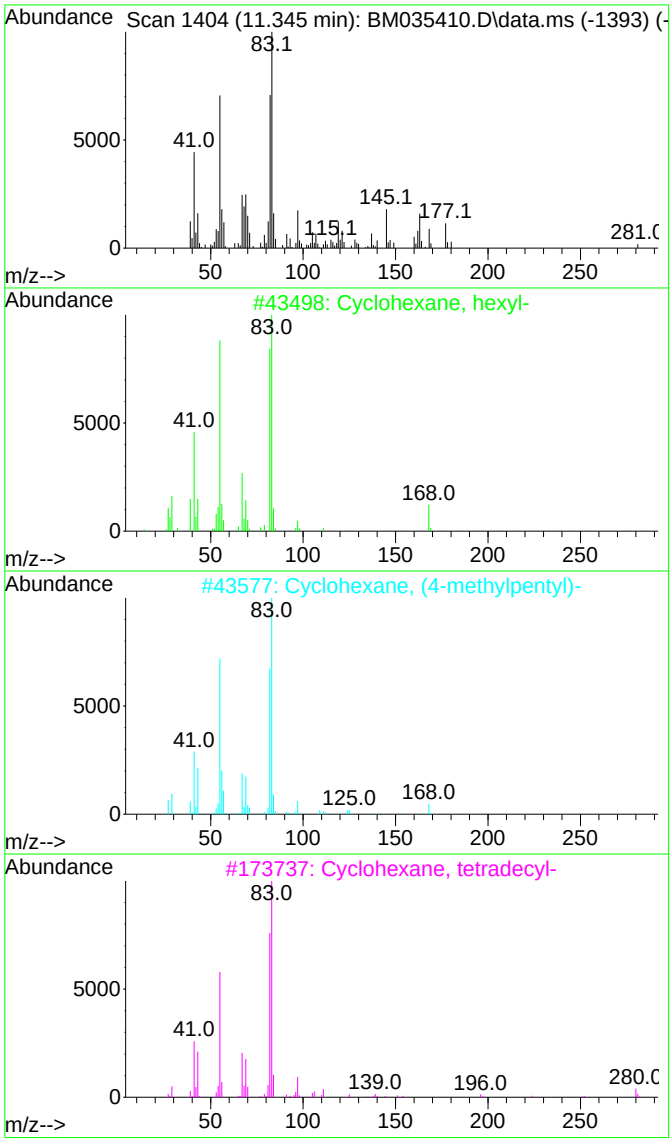
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

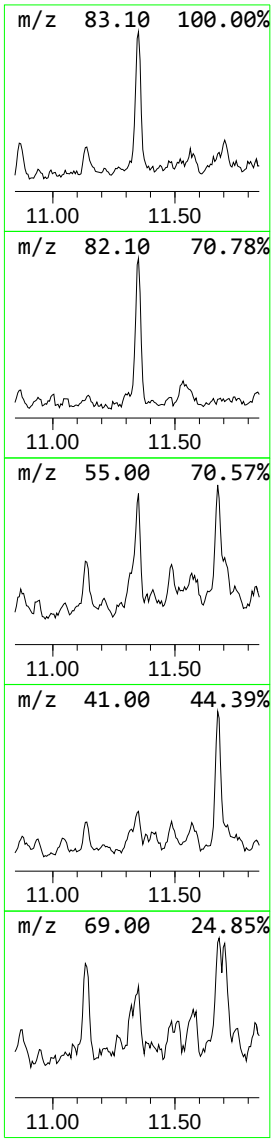
****

Peak Number 2 Cyclohexane, hexyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.345	3.51 ng	233568	Naphthalene-d8	10.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	70
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	70
3	Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	53
4	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	53
5	Heptylcyclohexane	182	C13H26	005617-41-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060722\
Data File : BM035410.D
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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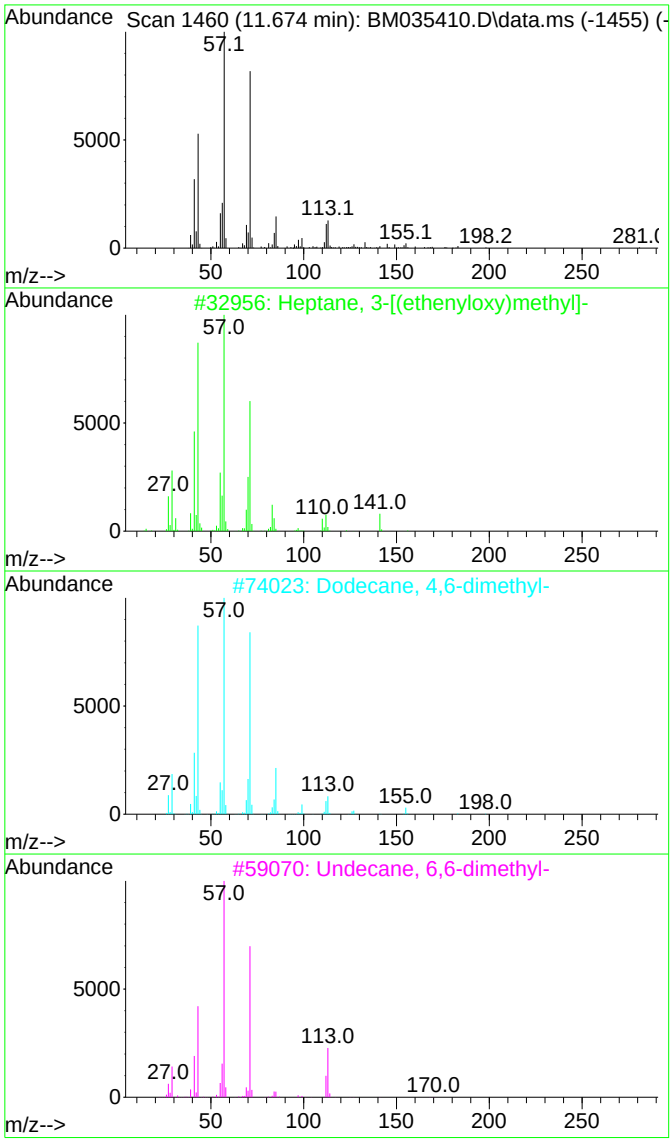
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

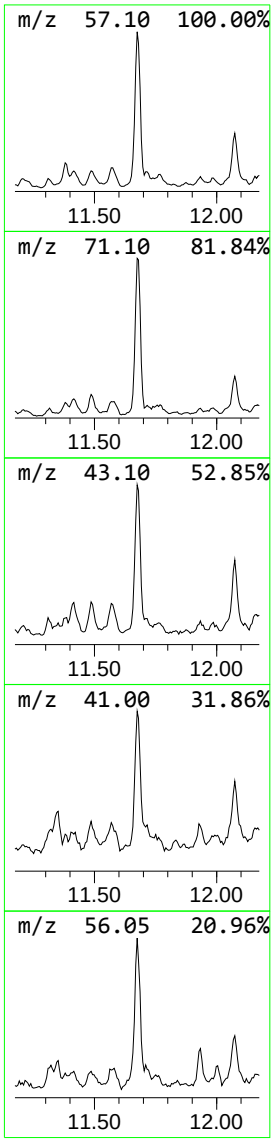
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Heptane, 3-[(ethenyloxy)met... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.675	7.15 ng	475922	Naphthalene-d8	10.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	72
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
3	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
4	Succinic acid, dec-2-yl tetrahyd...	342	C19H34O5	1000390-72-3	53
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060722\
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Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.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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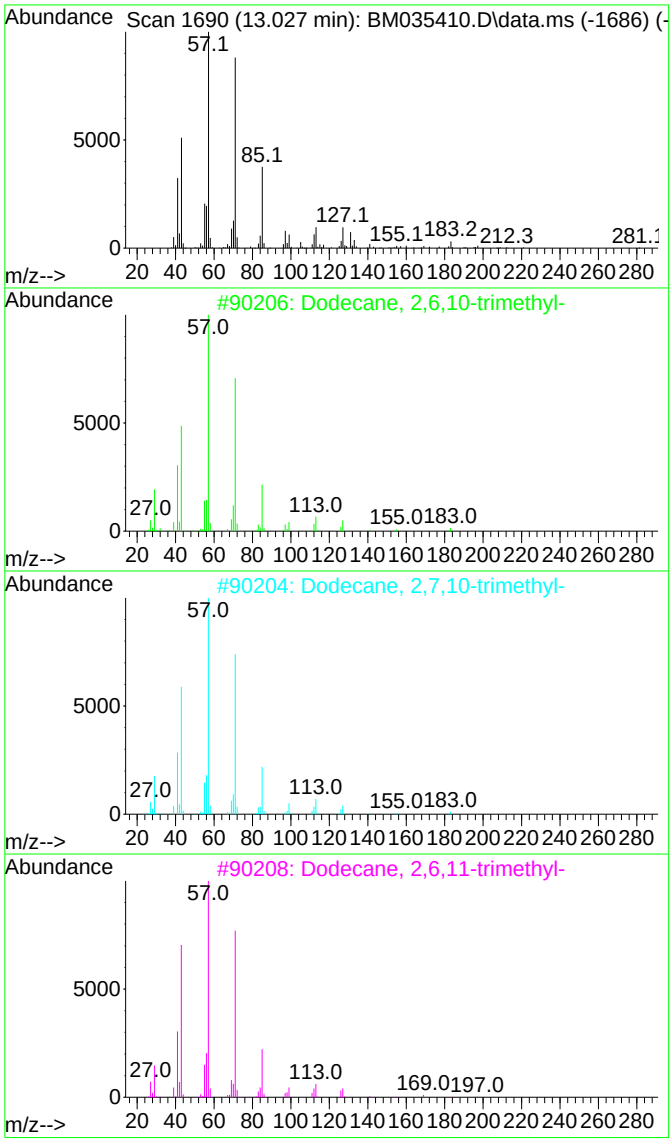
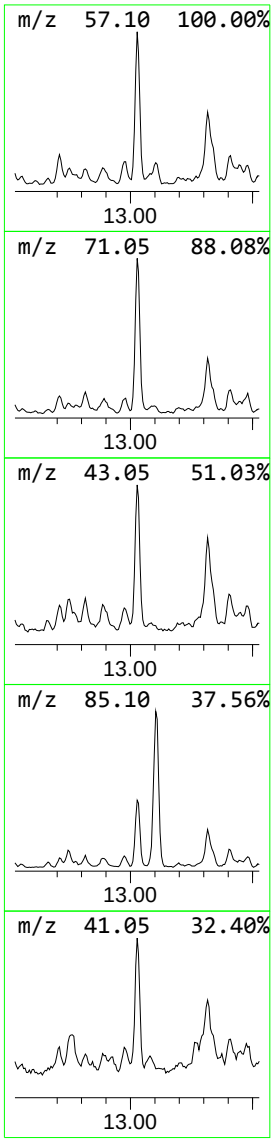
Peak Number 4 Dodecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.027	5.41 ng	474680	Acenaphthene-d10	14.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4	Decane, 5-propyl-	184	C13H28	017312-62-8	64
5	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060722\
Data File : BM035410.D
Acq On : 07 Jun 2022 13:07
Operator : CG/JU
Sample : N3186-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
2513-2514

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

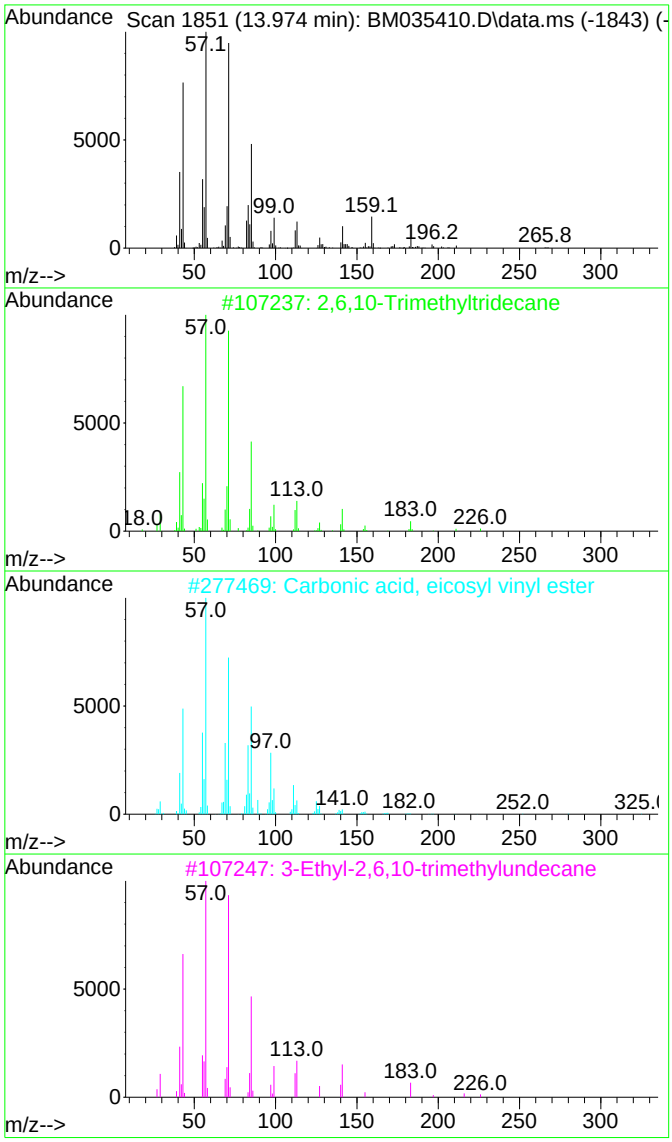
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

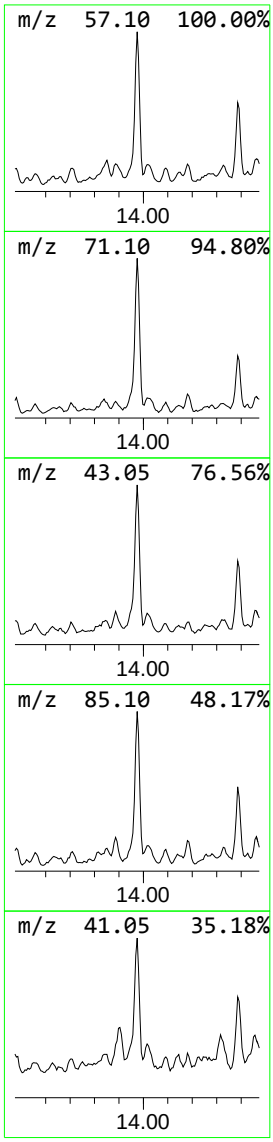
****

Peak Number 5 2,6,10-Trimethyltridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.974	6.73 ng	590681	Acenaphthene-d10	14.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	83
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	72
3	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	64
4	Decane, 5-propyl-	184	C13H28	017312-62-8	62
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060722\
Data File : BM035410.D
Acq On : 07 Jun 2022 13:07
Operator : CG/JU
Sample : N3186-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
2513-2514

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.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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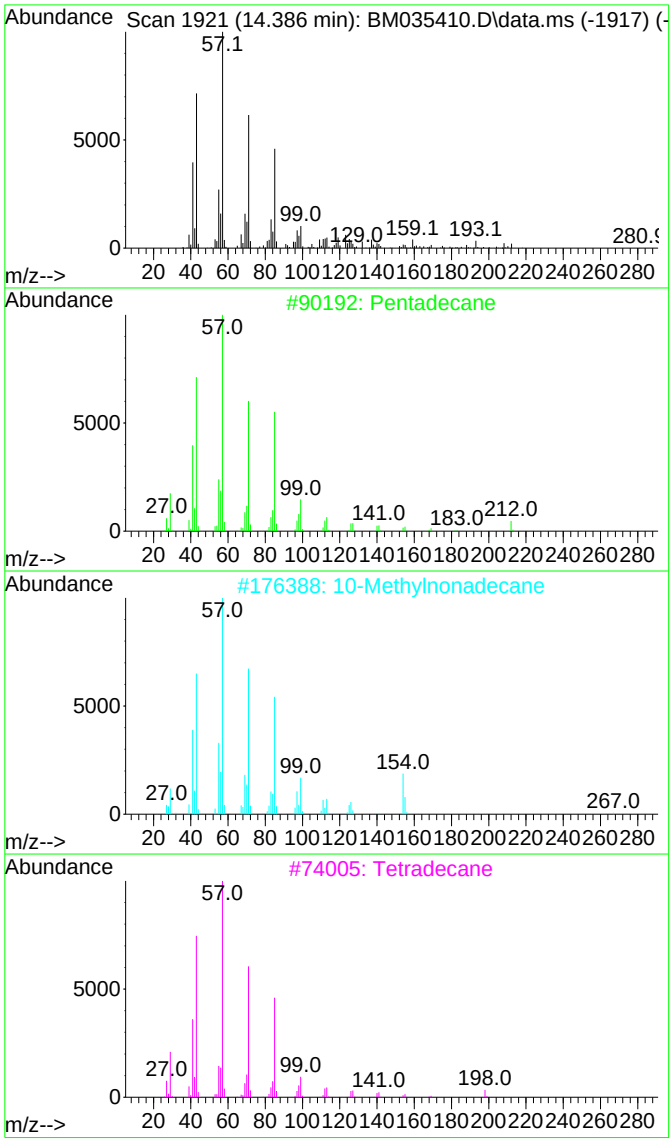
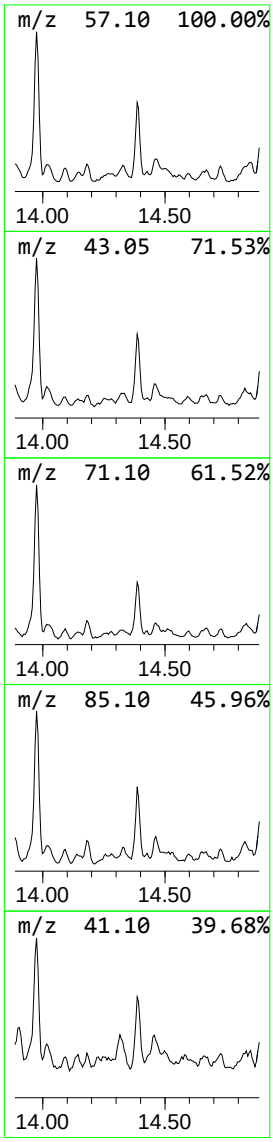
Peak Number 6 Pentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.386	3.06 ng	268139	Acenaphthene-d10	14.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	10-Methylnonadecane	282	C20H42	056862-62-5	83
3	Tetradecane	198	C14H30	000629-59-4	74
4	Nonadecane	268	C19H40	000629-92-5	74
5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	72





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Acq On : 07 Jun 2022 13:07
Operator : CG/JU
Sample : N3186-01
Misc :
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Instrument :
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ClientSampleId :
2513-2514

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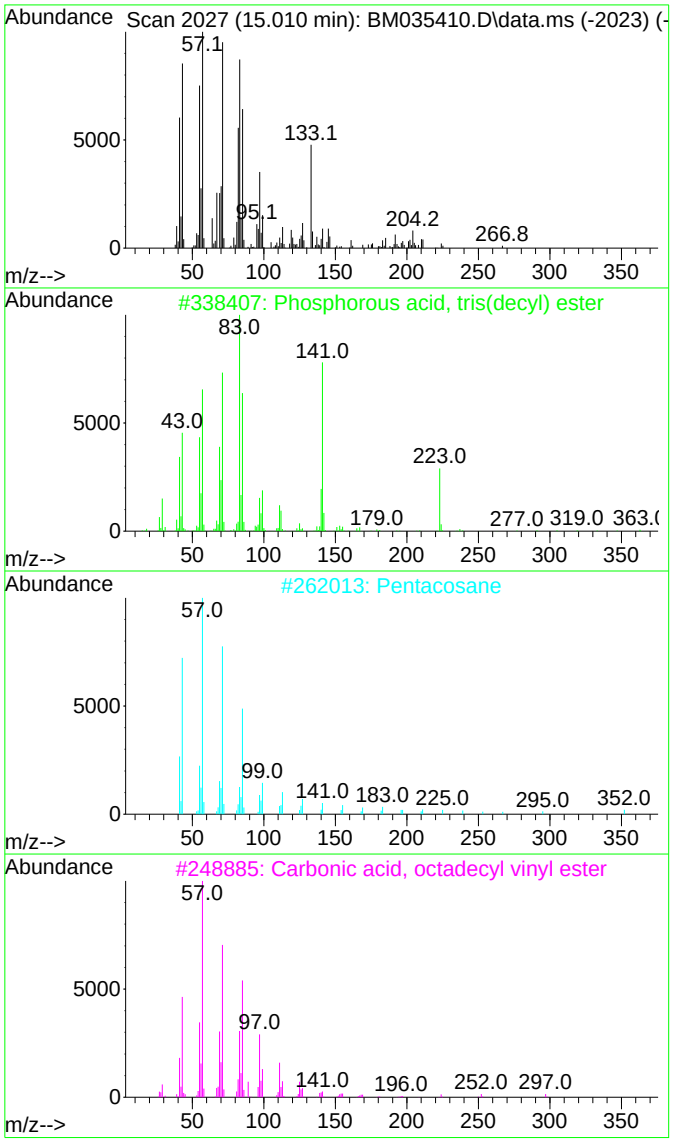
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

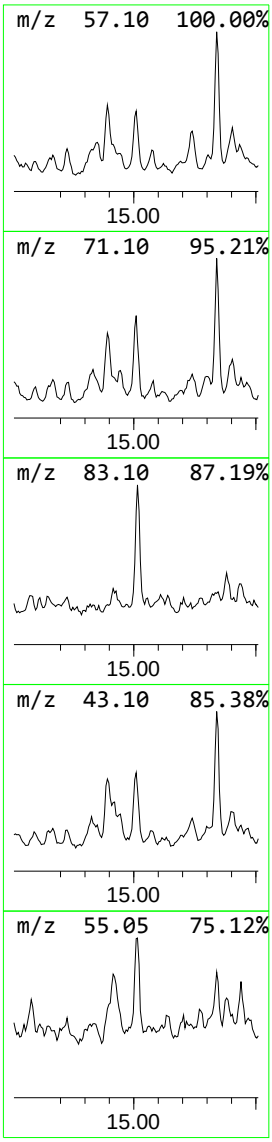
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phosphorous acid, tris(decy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.010	3.04 ng	266546	Acenaphthene-d10	14.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphorous acid, tris(decyl) ester	502	C30H63O3P	002929-86-4	52
2	Pentacosane	352	C25H52	000629-99-2	38
3	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	38
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	30
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	30





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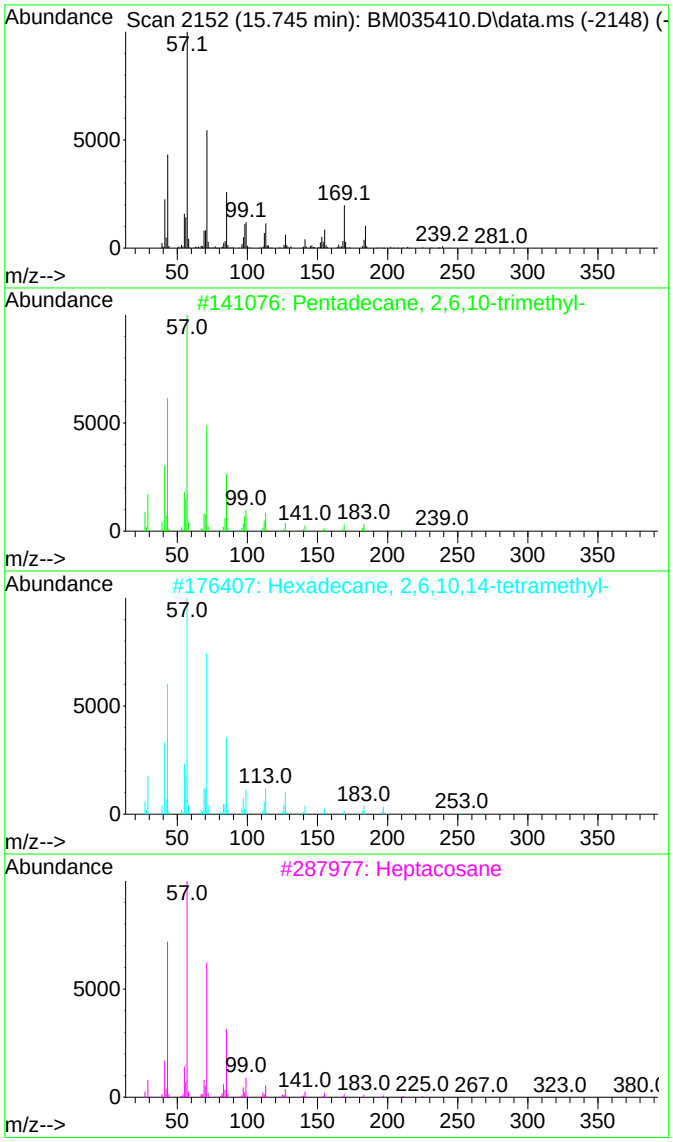
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

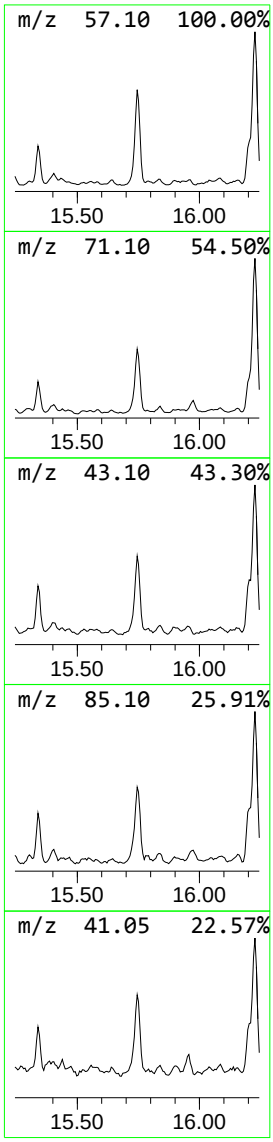
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pentadecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.745	6.68 ng	586690	Acenaphthene-d10	14.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
3	Heptacosane	380	C27H56	000593-49-7	50
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	50
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50





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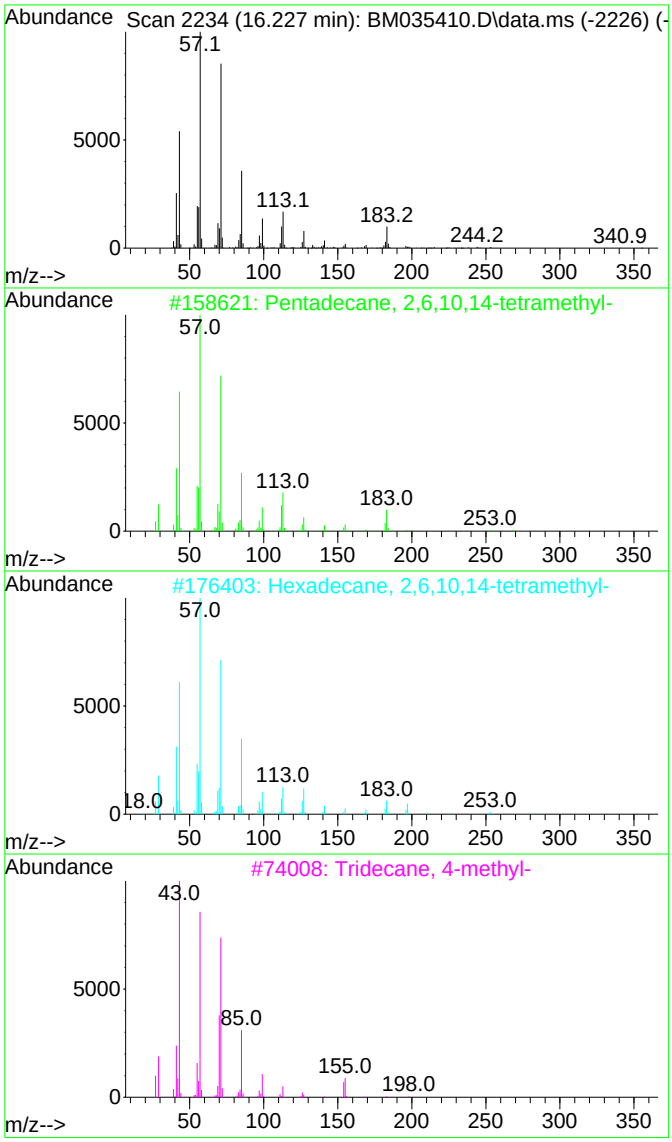
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

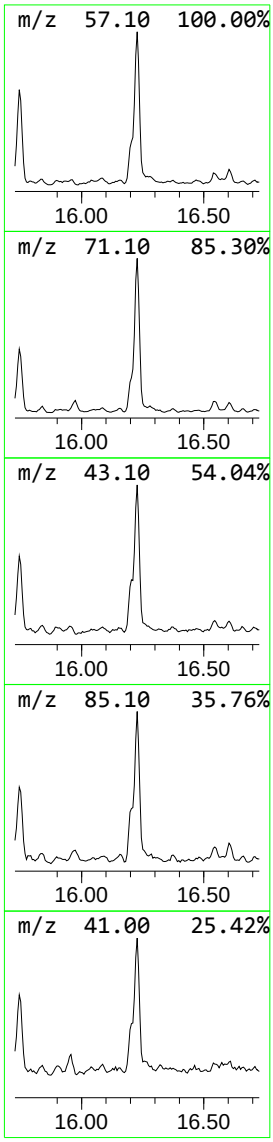
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Pentadecane, 2,6,10,14-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.227	13.24 ng	1278890	Phenanthrene-d10	17.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	81
4	Heptacosane	380	C27H56	000593-49-7	80
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	74





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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
2513-2514

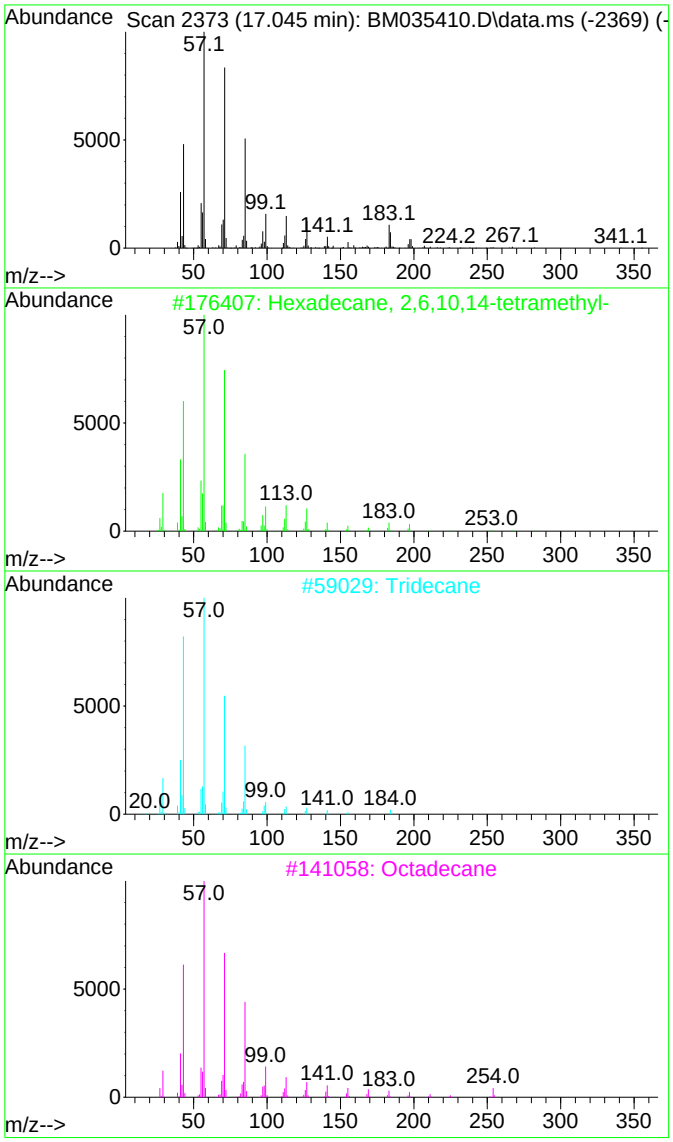
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

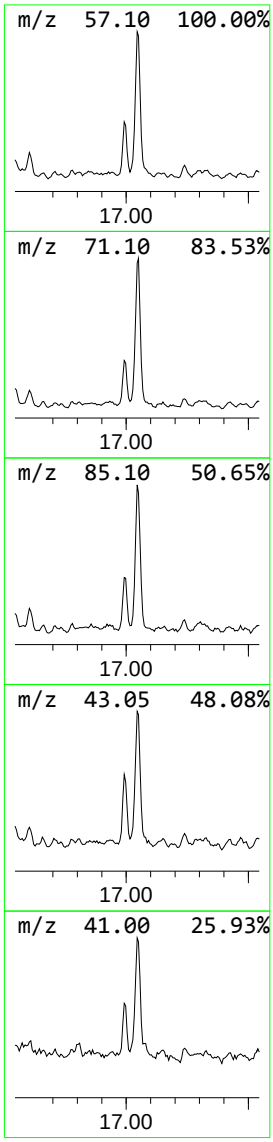
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Hexadecane, 2,6,10,14-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.045	7.79 ng	752467	Phenanthrene-d10	17.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	98
2	Tridecane	184	C13H28	000629-50-5	90
3	Octadecane	254	C18H38	000593-45-3	86
4	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86
5	Tetradecane	198	C14H30	000629-59-4	83





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Instrument :
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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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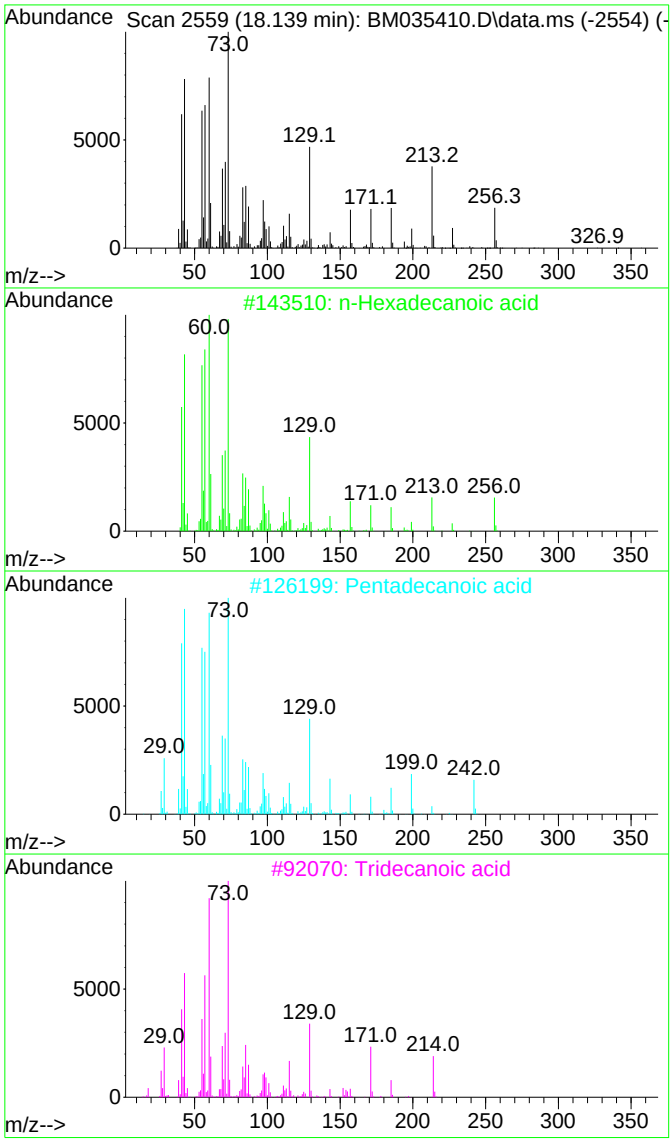
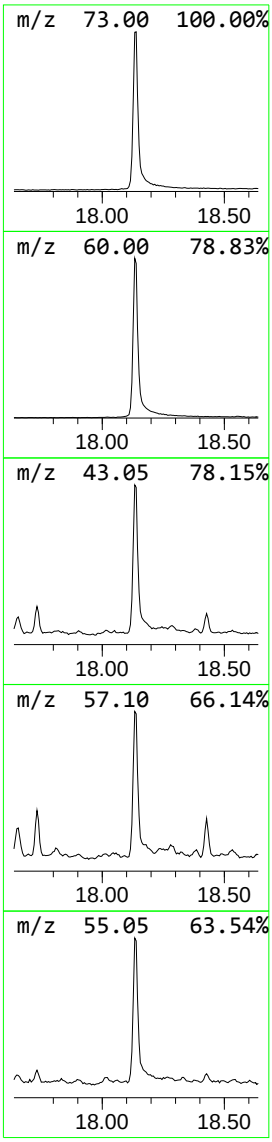
Peak Number 11 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	20.17 ng	1948110	Phenanthrene-d10	17.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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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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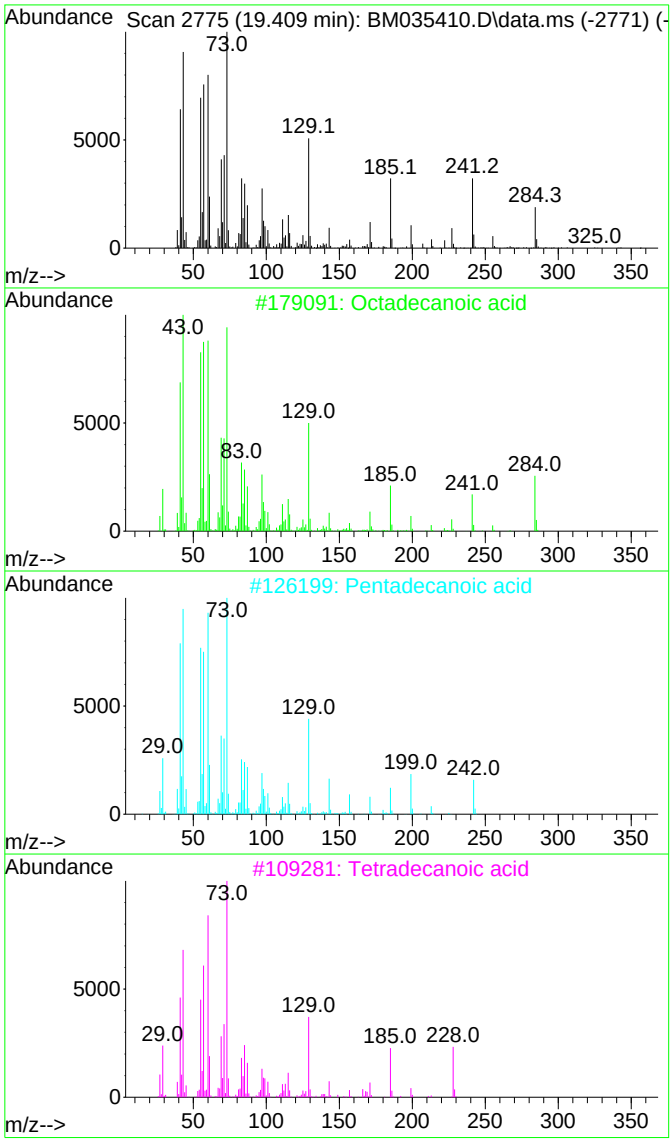
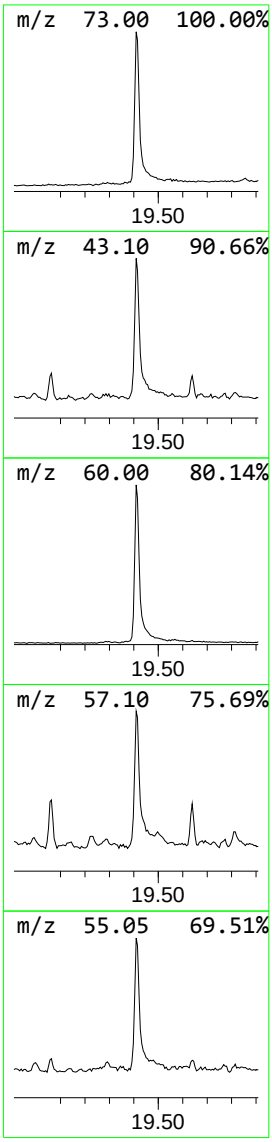
Peak Number 12 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.409	8.43 ng	1078610	Chrysene-d12	21.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	78
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.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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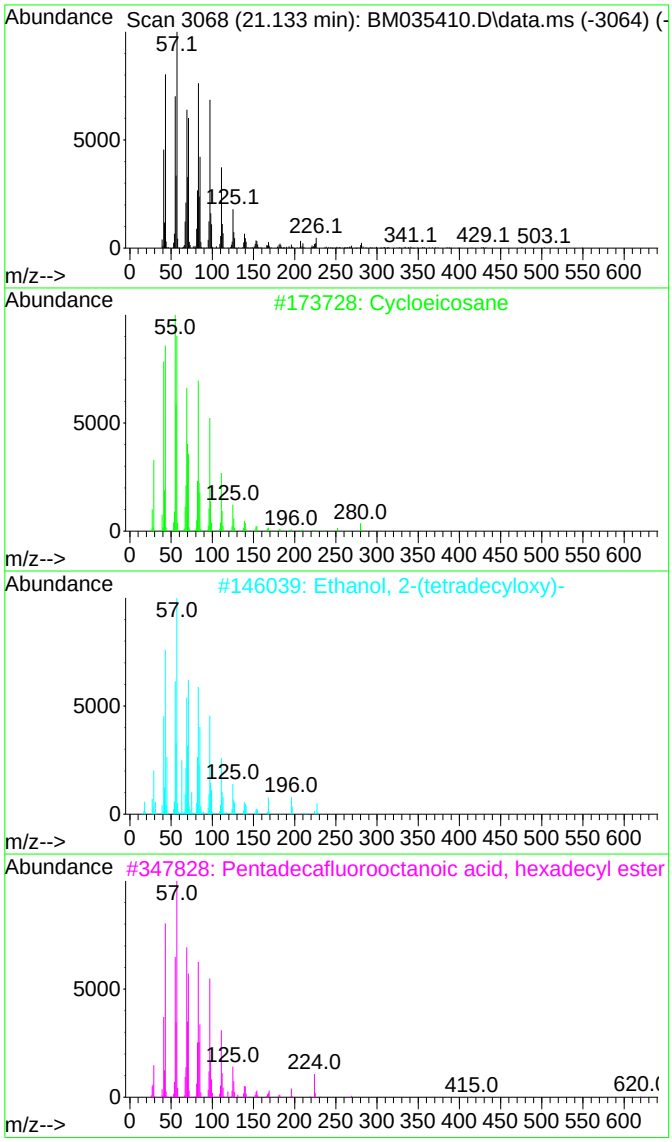
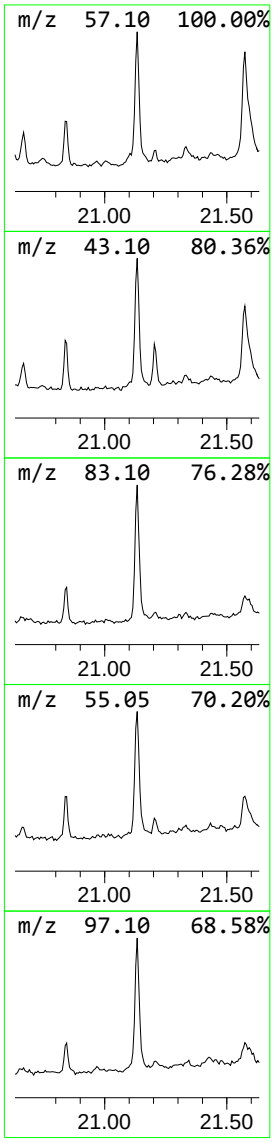
Peak Number 13 Cycloeicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	5.26 ng	672781	Chrysene-d12	21.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	98
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	96
3	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Pentadecafluorooctanoic acid, pe...	624	C23H31F15O2	1000406-04-5	94





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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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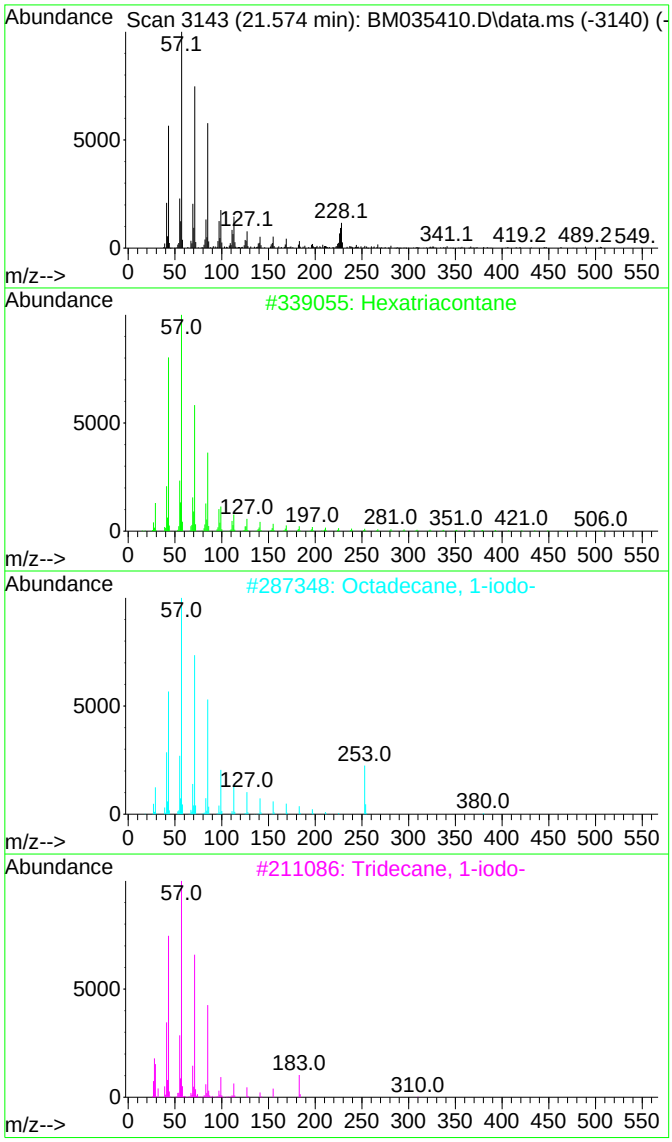
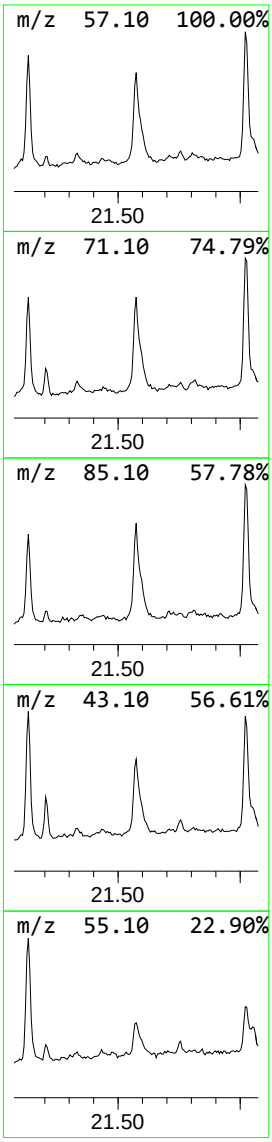
Peak Number 14 Hexatriacontane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.574	3.11 ng	398443	Chrysene-d12	21.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	93
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	92
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4	Heneicosane, 10-methyl-	310	C22H46	013287-25-7	87
5	2-Methylpentacosane	366	C26H54	000629-87-8	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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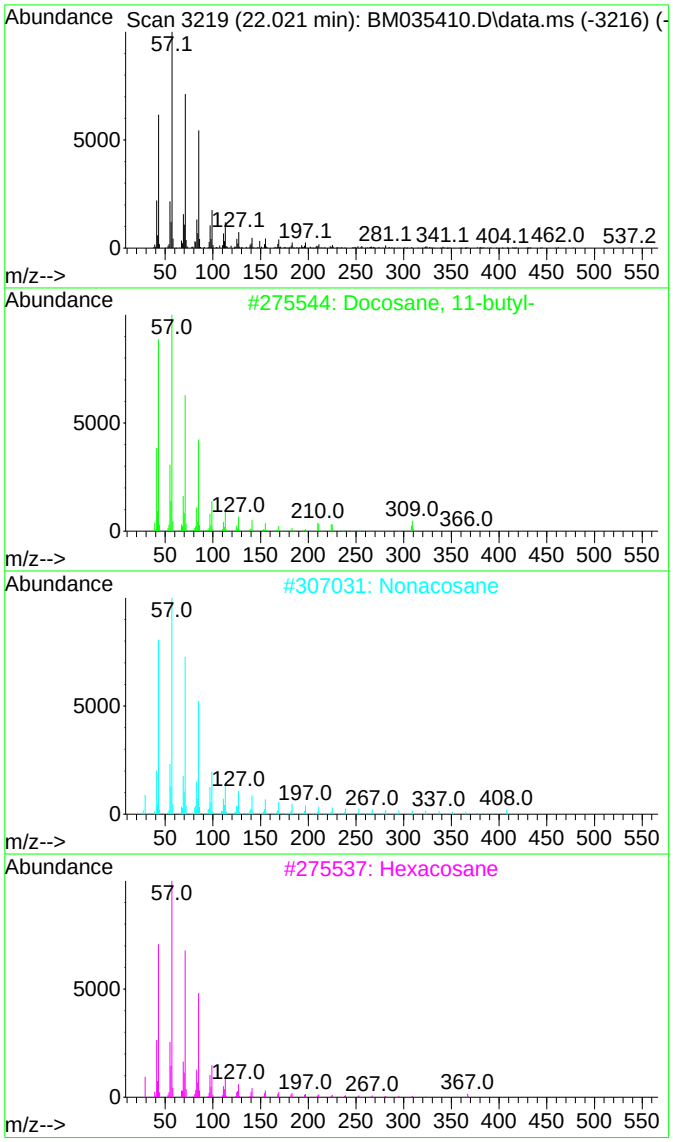
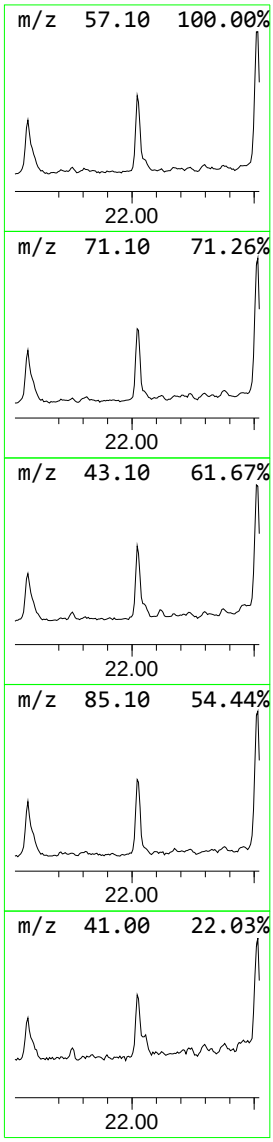
Peak Number 15 Docosane, 11-butyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.021	3.70 ng	473289	Chrysene-d12	21.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
2	Nonacosane	408	C29H60	000630-03-5	93
3	Hexacosane	366	C26H54	000630-01-3	93
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93





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TIC Library : C:\Database\NIST20.L
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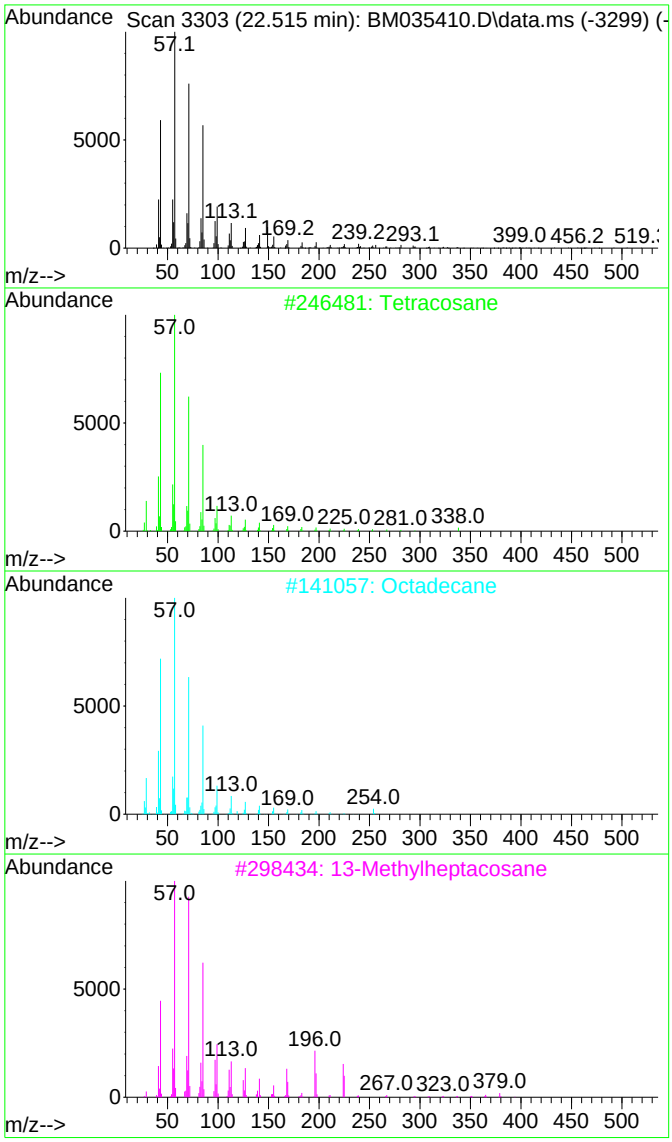
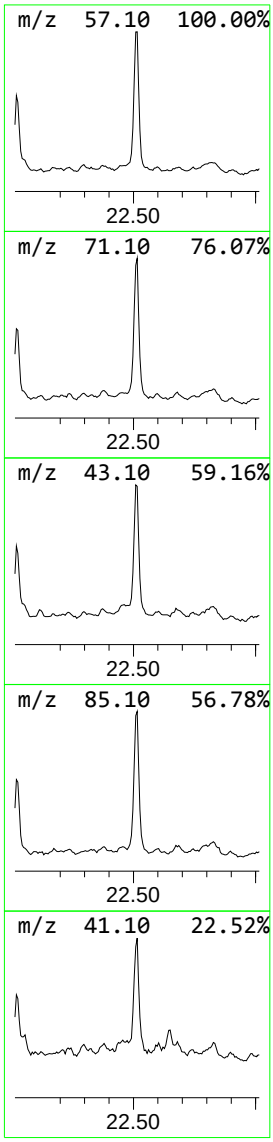
Peak Number 16 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.515	8.22 ng	1051660	Chrysene-d12	21.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Octadecane	254	C18H38	000593-45-3	95
3	13-Methylheptacosane	394	C28H58	015689-72-2	93
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91





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

TIC Library : C:\Database\NIST20.L
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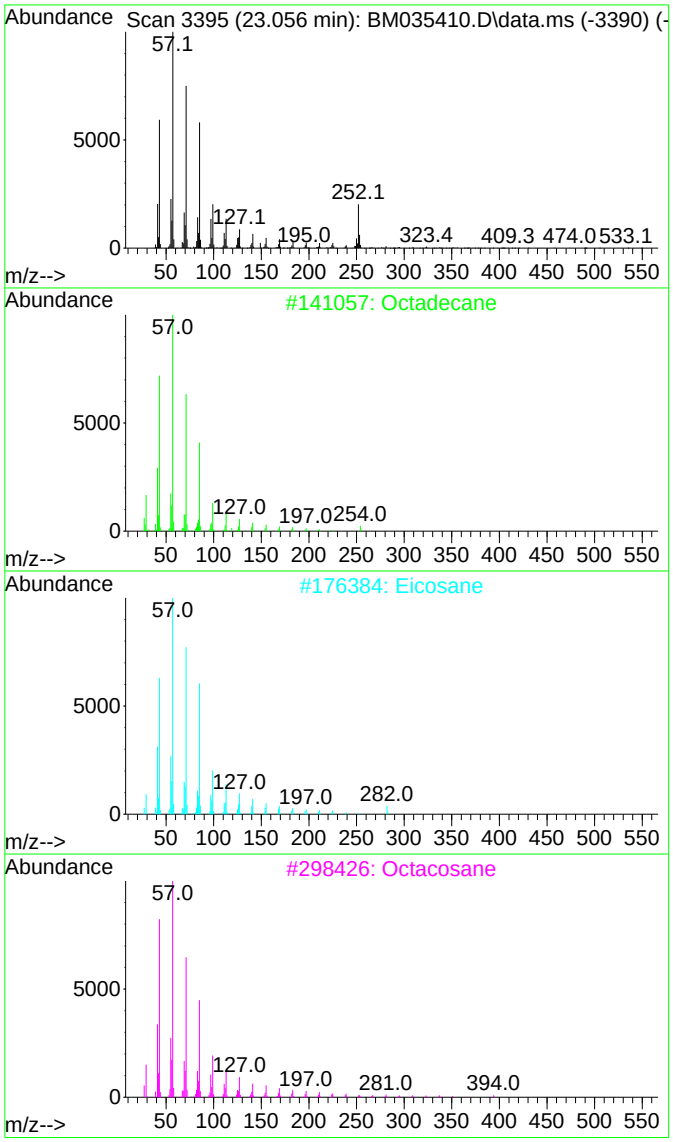
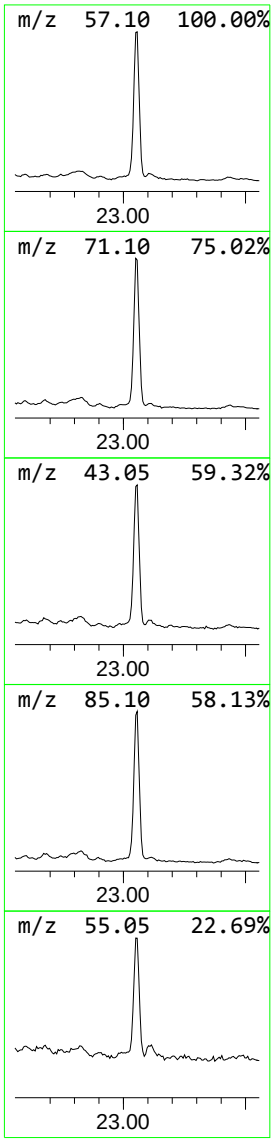
Peak Number 17 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.056	12.74 ng	1600960	Perylene-d12	23.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Eicosane	282	C20H42	000112-95-8	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Triacontane	422	C30H62	000638-68-6	87
5	Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	87





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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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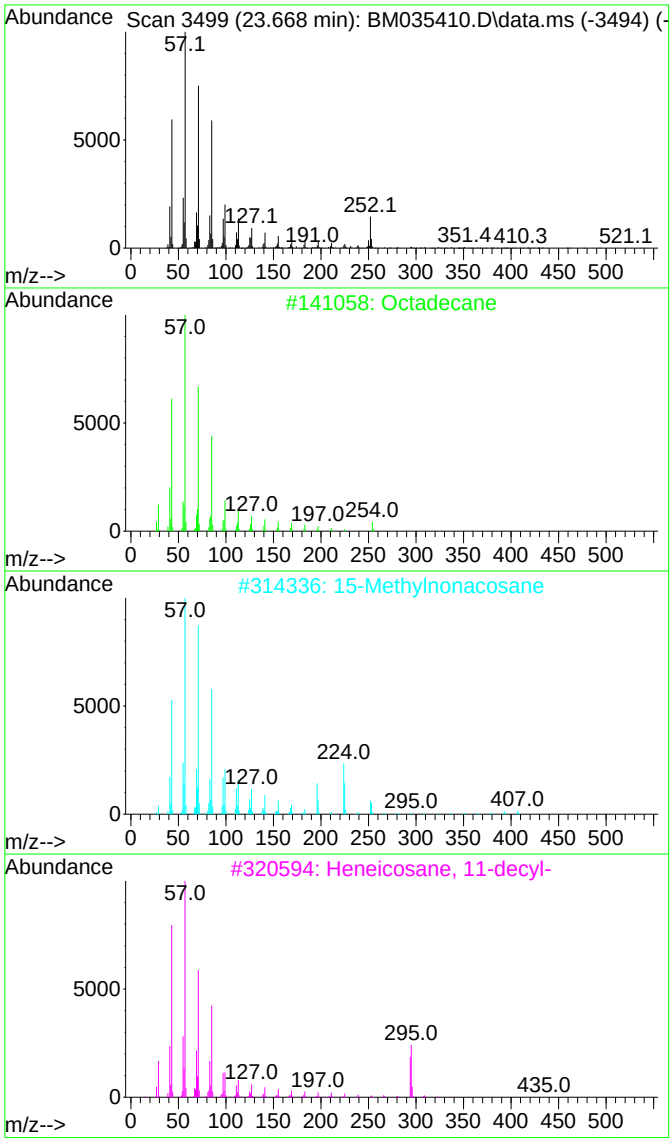
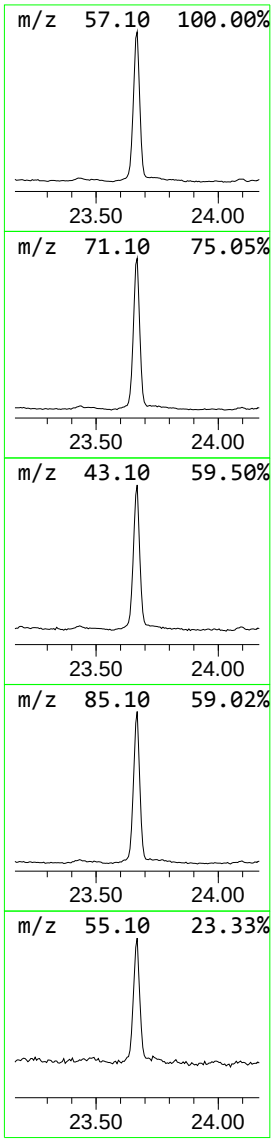
Peak Number 18 15-Methylnonacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.668	15.96 ng	2005880	Perylene-d12	23.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	15-Methylnonacosane	422	C30H62	065820-60-2	95
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	95
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060722\
Data File : BM035410.D
Acq On : 07 Jun 2022 13:07
Operator : CG/JU
Sample : N3186-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
2513-2514

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.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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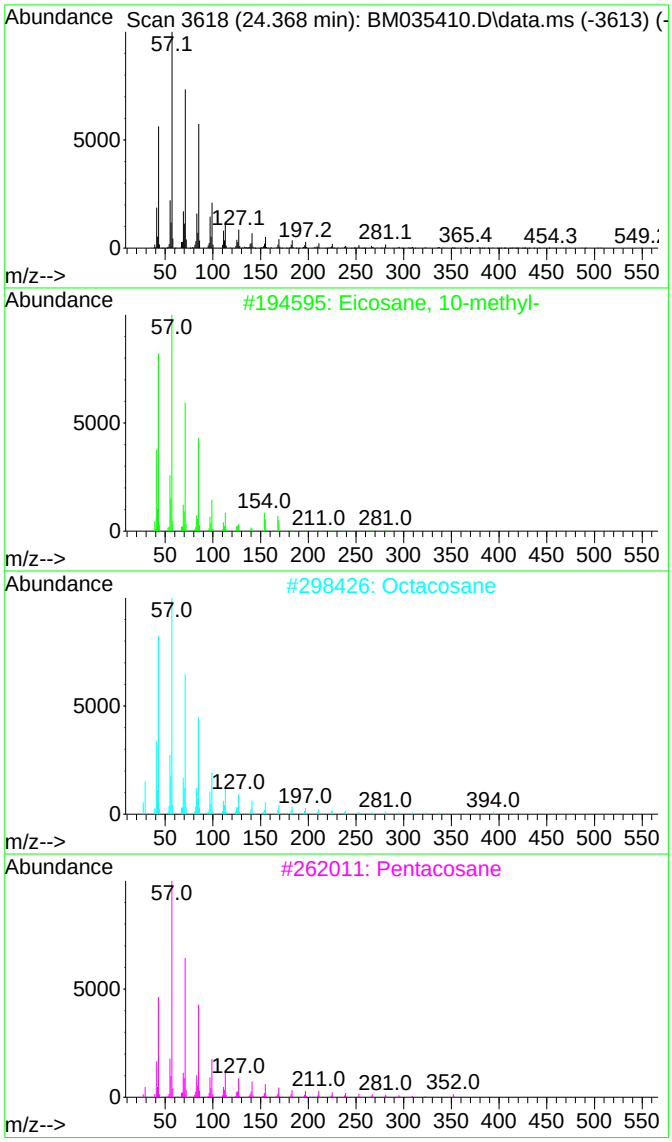
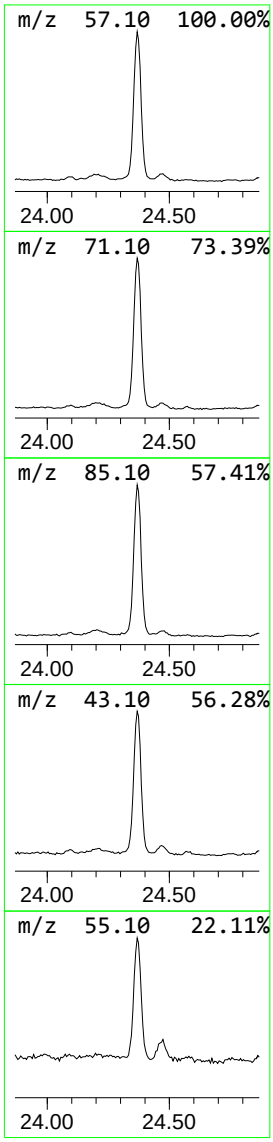
Peak Number 19 Eicosane, 10-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.368	14.89 ng	1871570	Perylene-d12	23.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2	Octacosane	394	C28H58	000630-02-4	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	Octacosane, 1-iodo-	520	C28H57I	1000406-32-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060722\
Data File : BM035410.D
Acq On : 07 Jun 2022 13:07
Operator : CG/JU
Sample : N3186-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
2513-2514

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.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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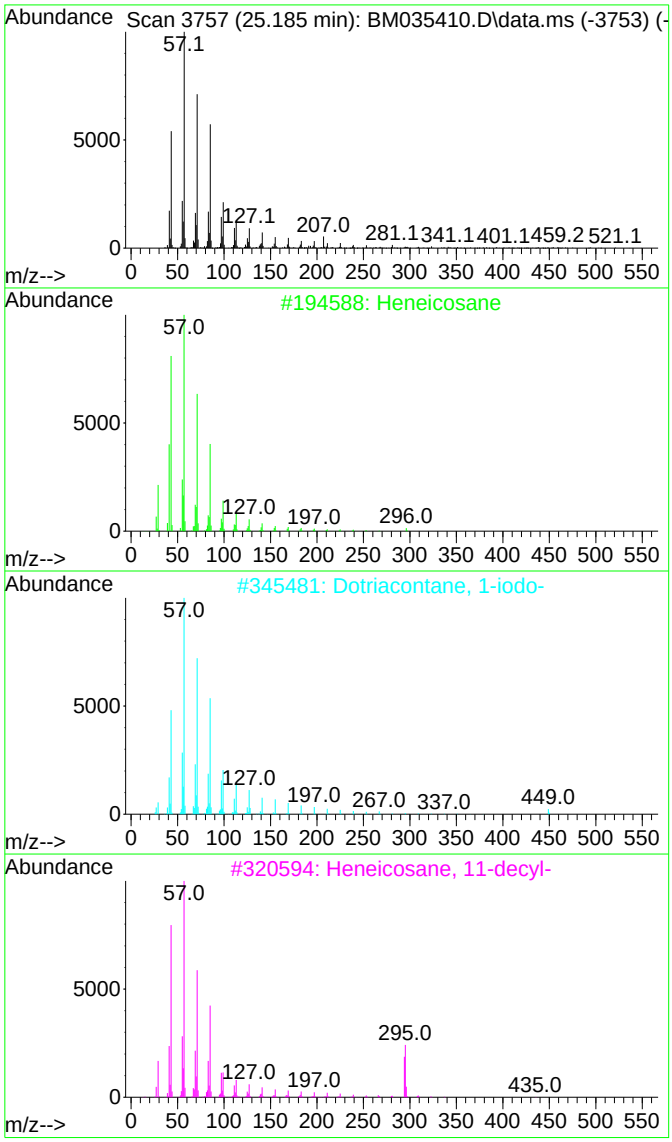
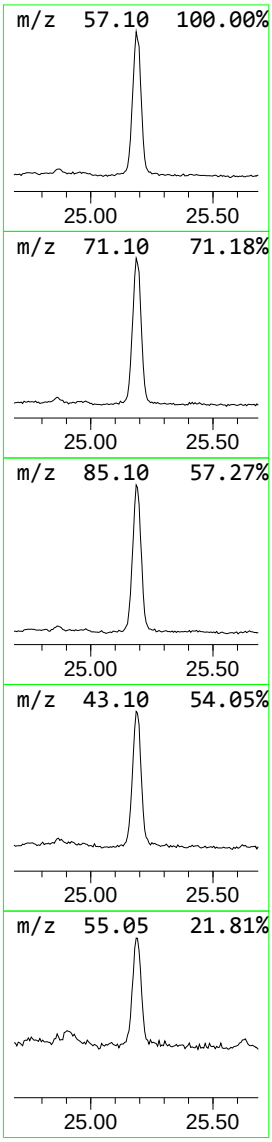
Peak Number 20 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.185	9.43 ng	1185350	Perylene-d12	23.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	94
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	93
4	Tetratriacontane, 2-methyl-	493	C35H72	014167-65-8	91
5	2-Methylhentriacontane	451	C32H66	001720-12-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060722\
Data File : BM035410.D
Acq On : 07 Jun 2022 13:07
Operator : CG/JU
Sample : N3186-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
2513-2514

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.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
Undecane, 3,6-d...	10.810	3.1	ng	205421	2	10.639	1330690	20.0
Cyclohexane, he...	11.345	3.5	ng	233568	2	10.639	1330690	20.0
Heptane, 3-[(et...	11.675	7.2	ng	475922	2	10.639	1330690	20.0
Dodecane, 2,6,1...	13.027	5.4	ng	474680	3	14.480	1755370	20.0
2,6,10-Trimethy...	13.974	6.7	ng	590681	3	14.480	1755370	20.0
Pentadecane	14.386	3.1	ng	268139	3	14.480	1755370	20.0
Phosphorous aci...	15.010	3.0	ng	266546	3	14.480	1755370	20.0
Pentadecane, 2,...	15.745	6.7	ng	586690	3	14.480	1755370	20.0
Pentadecane, 2,...	16.227	13.2	ng	1278890	4	17.227	1931490	20.0
Hexadecane, 2,6...	17.045	7.8	ng	752467	4	17.227	1931490	20.0
n-Hexadecanoic ...	18.139	20.2	ng	1948110	4	17.227	1931490	20.0
Octadecanoic acid	19.409	8.4	ng	1078610	5	21.415	2559260	20.0
Cycloeicosane	21.133	5.3	ng	672781	5	21.415	2559260	20.0
Hexatriacontane	21.574	3.1	ng	398443	5	21.415	2559260	20.0
Docosane, 11-bu...	22.021	3.7	ng	473289	5	21.415	2559260	20.0
Tetracosane	22.515	8.2	ng	1051660	5	21.415	2559260	20.0
Octadecane	23.056	12.7	ng	1600960	6	23.774	2514010	20.0
15-Methylnonaco...	23.668	16.0	ng	2005880	6	23.774	2514010	20.0
Eicosane, 10-me...	24.368	14.9	ng	1871570	6	23.774	2514010	20.0
Heneicosane	25.185	9.4	ng	1185350	6	23.774	2514010	20.0