LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003431.D
Acq On : 01 Oct 2020 01:09
Operator : CG/JU
Sample : L4193-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-12(9-11)

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_P\METHODS\8270-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP003431.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.158	379	386	407	rBV	994363	1827768	27.07%	2.031%
2	6.746	650	656	669	rBV	993984	1722220	25.51%	1.914%
3	7.540	784	791	801	rBV	373648	611241	9.05%	0.679%
4	8.693	969	987	994	rBV	721324	1292222	19.14%	1.436%
5	9.252	1076	1082	1089	rVB3	48527	81651	1.21%	0.091%
6	9.505	1121	1125	1134	rVB3	57706	119533	1.77%	0.133%
7	9.775	1161	1171	1179	rBV9	34251	116989	1.73%	0.130%
8	9.928	1192	1197	1207	rVB7	37497	82747	1.23%	0.092%
9	10.199	1238	1243	1246	rBV3	46310	76276	1.13%	0.085%
10	10.316	1253	1263	1269	rBV	620170	1173477	17.38%	1.304%
11	10.369	1269	1272	1276	rVB	90598	131835	1.95%	0.147%
12	10.452	1282	1286	1291	rVB5	47920	87355	1.29%	0.097%
13	10.510	1291	1296	1300	rBV	242744	363774	5.39%	0.404%
14	10.734	1329	1334	1338	rBV3	62445	113926	1.69%	0.127%
15	10.828	1345	1350	1353	rBV3	62894	100980	1.50%	0.112%
16	11.005	1376	1380	1389	rVB6	104360	221209	3.28%	0.246%
17	11.110	1395	1398	1402	rVV3	54876	82712	1.23%	0.092%
18	11.181	1406	1410	1415	rVB5	68193	116704	1.73%	0.130%
19	11.263	1421	1424	1430	rVB3	102715	173974	2.58%	0.193%
20	11.369	1436	1442	1447	rBV2	536503	997263	14.77%	1.108%
21	11.622	1482	1485	1489	rVB2	61603	78839	1.17%	0.088%
22	11.775	1502	1511	1521	rBV2	642014	1361281	20.16%	1.513%
23	11.999	1544	1549	1556	rVB2	246113	550319	8.15%	0.612%
24	12.075	1557	1562	1565	rBV4	113767	208188	3.08%	0.231%
25	12.140	1570	1573	1576	rBV2	80405	110854	1.64%	0.123%
26	12.216	1582	1586	1589	rBV4	75291	137473	2.04%	0.153%
27	12.387	1611	1615	1618	rBV5	84230	152108	2.25%	0.169%
28	12.428	1618	1622	1625	rVV2	182263	279352	4.14%	0.310%
29	12.469	1625	1629	1636	rVV2	192030	395197	5.85%	0.439%
30	12.534	1637	1640	1647	rVB5	167580	264926	3.92%	0.294%
31	12.610	1648	1653	1662	rBV3	257541	546160	8.09%	0.607%
32	12.693	1663	1667	1672	rBV3	205032	374334	5.54%	0.416%
33	12.751	1672	1677	1681	rVV	836266	1214001	17.98%	1.349%
34	12.810	1681	1687	1693	rVB	1923498	2856037	42.30%	3.174%
35	13.040	1718	1726	1733	rBV2	1232491	2179962	32.29%	2.423%
36	13.128	1738	1741	1747	rBV4	238578	359674	5.33%	0.400%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003431.D
Acq On : 01 Oct 2020 01:09
Operator : CG/JU
Sample : L4193-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-12(9-11)

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_P\METHODS\8270-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.563	1812	1815	1820	rVB5	208920	354361	5.25%	0.394%
38	13.622	1820	1825	1828	rBV	637851	866818	12.84%	0.963%
39	13.663	1828	1832	1833	rVV2	170662	220155	3.26%	0.245%
40	13.704	1833	1839	1843	rVV2	1041480	1940029	28.73%	2.156%
41	13.746	1843	1846	1851	rVB3	415650	622000	9.21%	0.691%
42	13.822	1856	1859	1863	rBV2	298454	381495	5.65%	0.424%
43	13.916	1871	1875	1883	rBV3	414244	826997	12.25%	0.919%
44	14.034	1891	1895	1898	rBV	385787	458275	6.79%	0.509%
45	14.128	1905	1911	1915	rBV	2014402	2827133	41.87%	3.142%
46	14.198	1915	1923	1928	rVV4	960183	1860581	27.56%	2.068%
47	14.534	1977	1980	1982	rBV2	158537	202013	2.99%	0.225%
48	14.575	1983	1987	1988	rBV4	235048	331192	4.91%	0.368%
49	14.634	1993	1997	2003	rVV3	300046	453719	6.72%	0.504%
50	14.745	2012	2016	2022	rVB3	812514	1265775	18.75%	1.407%
51	14.822	2025	2029	2034	rBV3	428126	814223	12.06%	0.905%
52	14.993	2053	2058	2062	rBV4	413030	692358	10.25%	0.769%
53	15.087	2069	2074	2078	rBV	2330375	2882013	42.69%	3.203%
54	15.257	2099	2103	2107	rBV4	324200	503916	7.46%	0.560%
55	15.298	2107	2110	2117	rVB3	307456	509275	7.54%	0.566%
56	15.493	2136	2143	2148	rBV	925360	1863419	27.60%	2.071%
57	15.587	2156	2159	2164	rVB2	410243	552329	8.18%	0.614%
58	15.640	2164	2168	2173	rBV2	468052	811046	12.01%	0.901%
59	15.710	2174	2180	2186	rVB2	1356164	2442098	36.17%	2.714%
60	15.869	2204	2207	2209	rBV3	160034	191259	2.83%	0.213%
61	15.951	2216	2221	2224	rBV	2681253	3997019	59.20%	4.442%
62	16.075	2239	2242	2245	rBV2	243589	302142	4.47%	0.336%
63	16.192	2259	2262	2264	rBV2	171532	220659	3.27%	0.245%
64	16.357	2287	2290	2295	rVB5	305448	436236	6.46%	0.485%
65	16.410	2296	2299	2304	rVB4	261756	360128	5.33%	0.400%
66	16.463	2305	2308	2311	rBV2	233339	296843	4.40%	0.330%
67	16.745	2352	2356	2360	rBV	1501410	1901960	28.17%	2.114%
68	16.798	2361	2365	2375	rVB2	703129	1470294	21.78%	1.634%
69	16.887	2377	2380	2383	rBV2	192043	296958	4.40%	0.330%
70	16.963	2389	2393	2396	rBV	733748	1071284	15.87%	1.191%
71	17.010	2396	2401	2405	rVB	1615491	2447068	36.24%	2.719%
72	17.098	2412	2416	2423	rVB	649408	1075367	15.93%	1.195%
73	17.216	2433	2436	2443	rBV4	253638	395459	5.86%	0.439%
74	17.287	2445	2448	2453	rVB	311694	406136	6.02%	0.451%
75	17.339	2454	2457	2461	rBV3	226918	276051	4.09%	0.307%
76	17.381	2461	2464	2466	rBV	194380	266241	3.94%	0.296%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003431.D
Acq On : 01 Oct 2020 01:09
Operator : CG/JU
Sample : L4193-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-12(9-11)

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_P\METHODS\8270-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	17.487	2478	2482	2487	rVB	1588889	2164754	32.06%	2.406%
78	17.763	2526	2529	2533	rBV	216379	327383	4.85%	0.364%
79	17.845	2539	2543	2547	rBV	365193	522957	7.75%	0.581%
80	17.892	2548	2551	2555	rVB	326448	472962	7.00%	0.526%
81	18.034	2571	2575	2579	rBV2	562256	929995	13.77%	1.034%
82	18.075	2579	2582	2587	rVB	445616	641841	9.51%	0.713%
83	18.169	2594	2598	2603	rBV	945034	1176710	17.43%	1.308%
84	18.339	2624	2627	2633	rVB4	299974	477309	7.07%	0.530%
85	18.757	2695	2698	2700	rBV	173619	231589	3.43%	0.257%
86	18.786	2700	2703	2712	rVB	607877	870654	12.90%	0.968%
87	19.022	2736	2743	2750	rBV	2736527	4900086	72.57%	5.446%
88	19.381	2793	2804	2811	rVB2	2256434	5517778	81.72%	6.132%
89	19.569	2830	2836	2843	rBV	2273041	3910550	57.92%	4.346%
90	19.875	2883	2888	2895	rVB3	537746	1061531	15.72%	1.180%
91	19.969	2900	2904	2908	rBV2	231751	370733	5.49%	0.412%
92	21.163	3096	3107	3126	rBV3	1183568	6751778	100.00%	7.503%

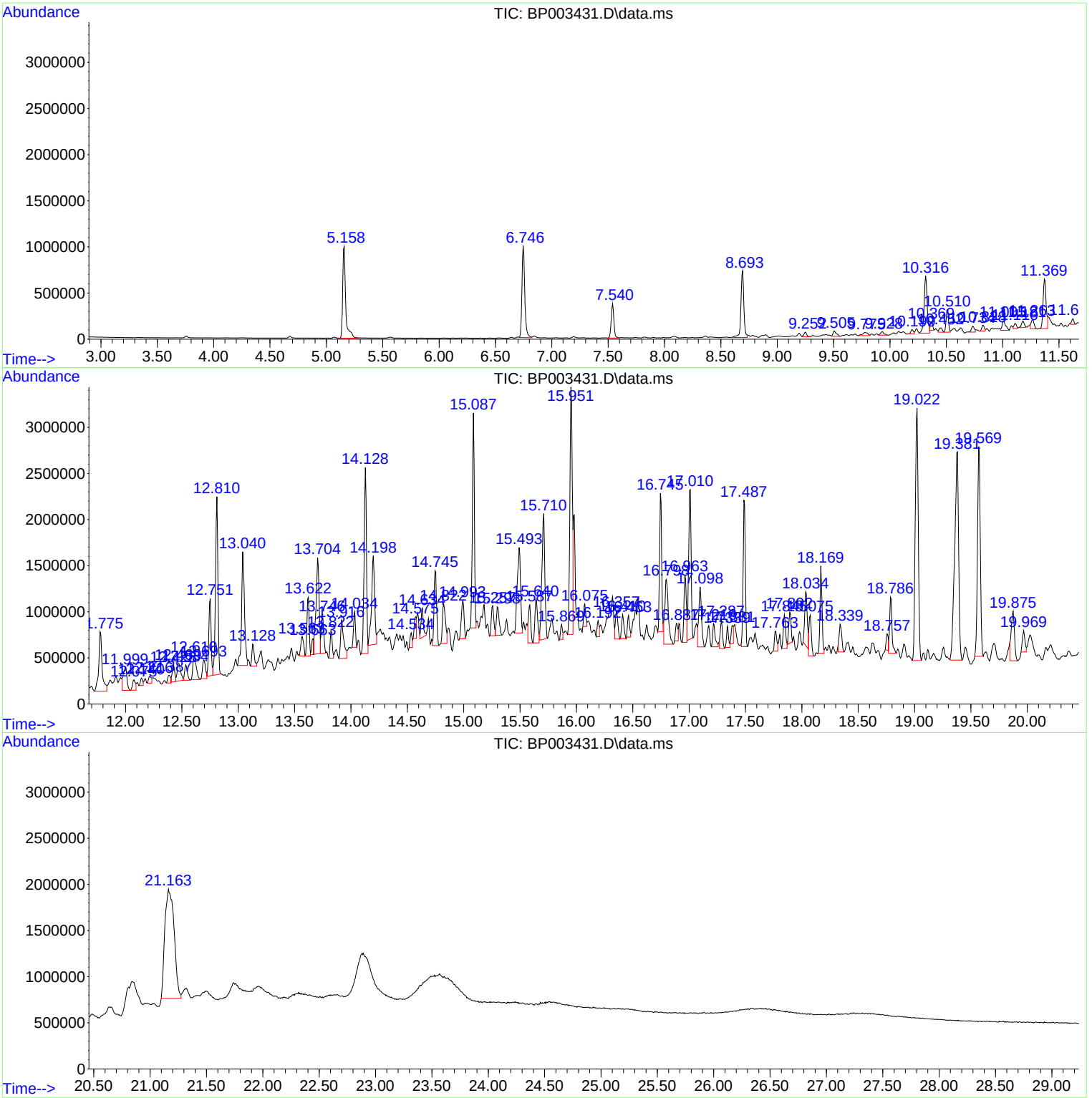
Sum of corrected areas: 89983495

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003431.D
Acq On : 01 Oct 2020 01:09
Operator : CG/JU
Sample : L4193-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-12(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003431.D
Acq On : 01 Oct 2020 01:09
Operator : CG/JU
Sample : L4193-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-12(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

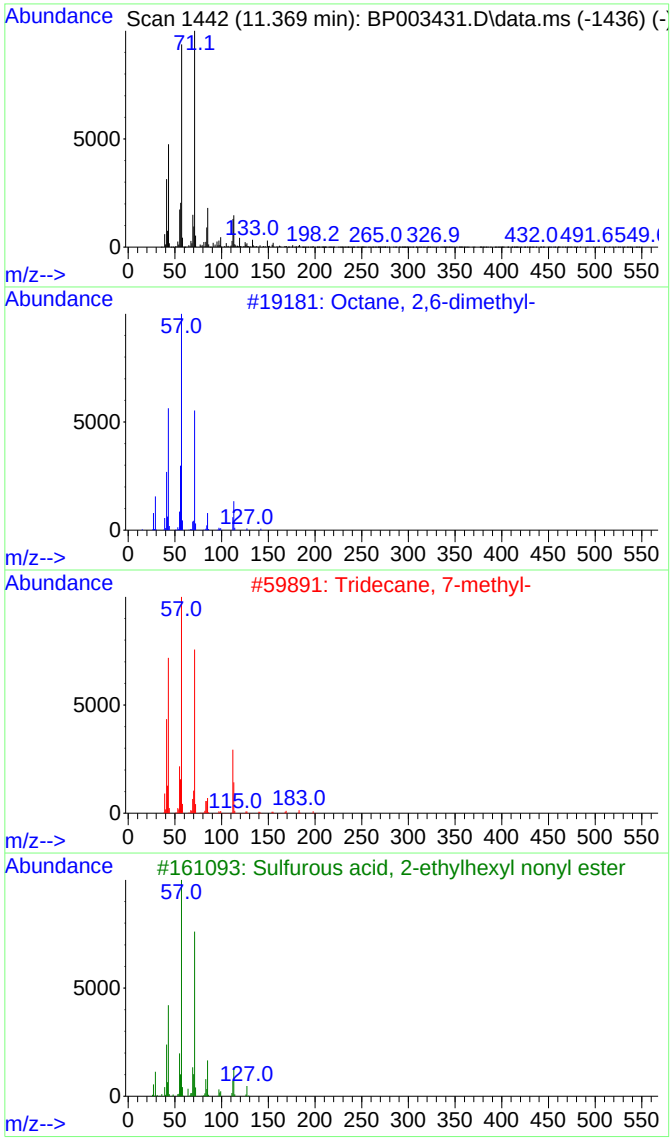
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

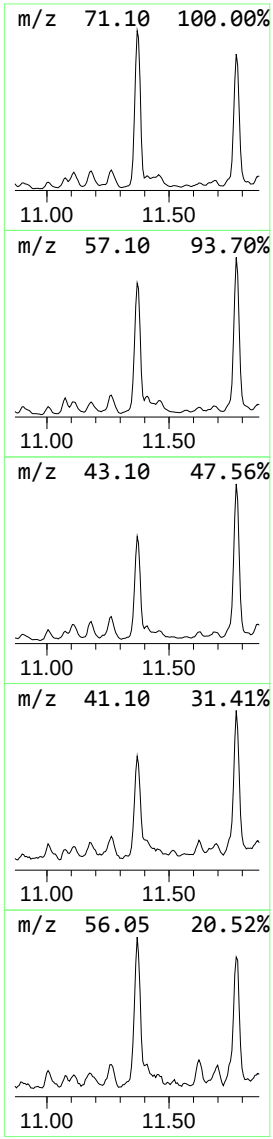
****

Peak Number 1 Octane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.369	17.00 ng	997263	Naphthalene-d8	10.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2	Tridecane, 7-methyl-	198	C14H30	026730-14-3	72
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
4	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003431.D
Acq On : 01 Oct 2020 01:09
Operator : CG/JU
Sample : L4193-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-12(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

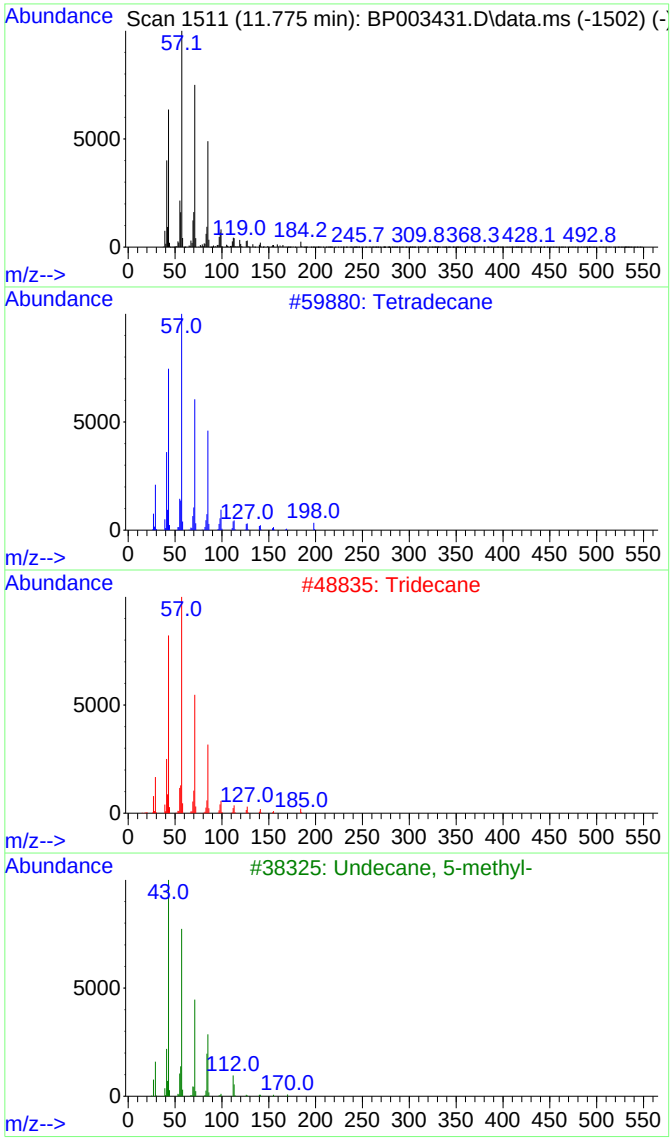
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

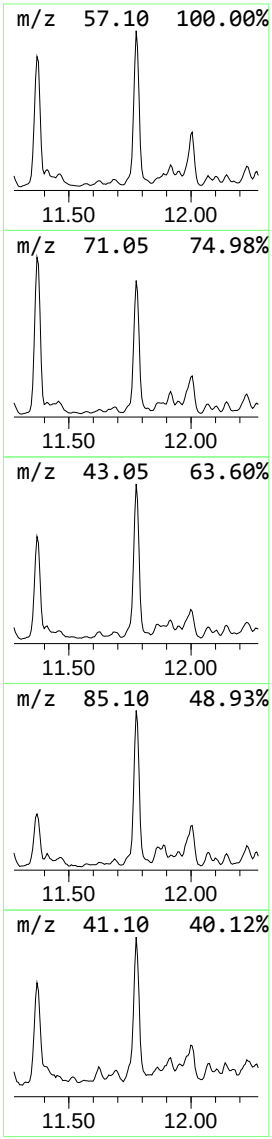
****

Peak Number 2 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.775	23.20 ng	1361280	Naphthalene-d8	10.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Tridecane	184	C13H28	000629-50-5	87
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	83
4	2,6-Dimethyldecane	170	C12H26	013150-81-7	80
5	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003431.D
Acq On : 01 Oct 2020 01:09
Operator : CG/JU
Sample : L4193-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-12(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

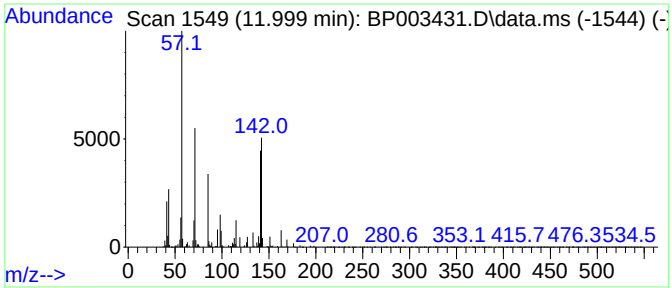
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

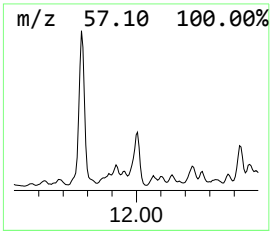
****

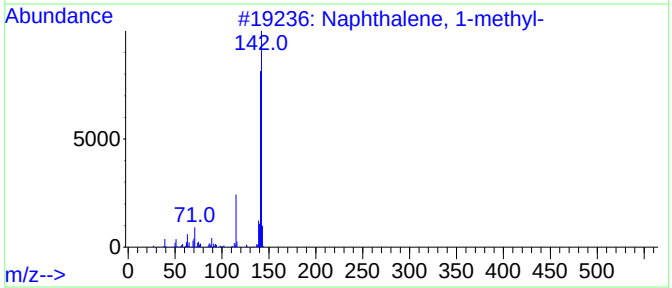
Peak Number 3 unknown11.999 Concentration Rank 19

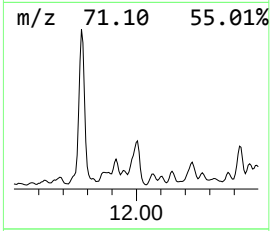
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.999	9.38 ng	550319	Naphthalene-d8	10.316

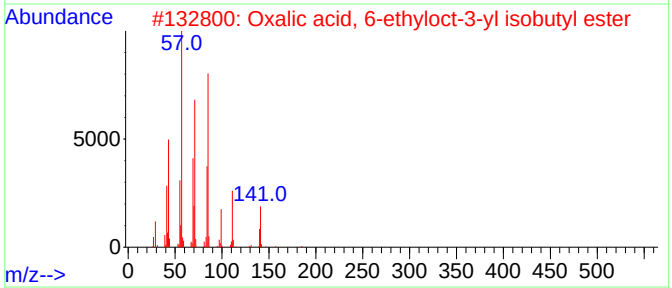
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	38
2	Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1000309-34-1	38
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	38
4	Tridecane	184	C13H28	000629-50-5	35
5	Undecane	156	C11H24	001120-21-4	35

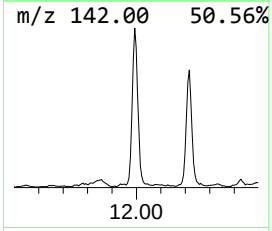


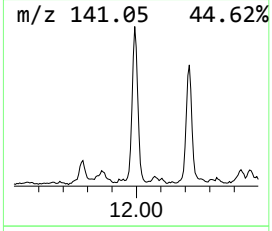


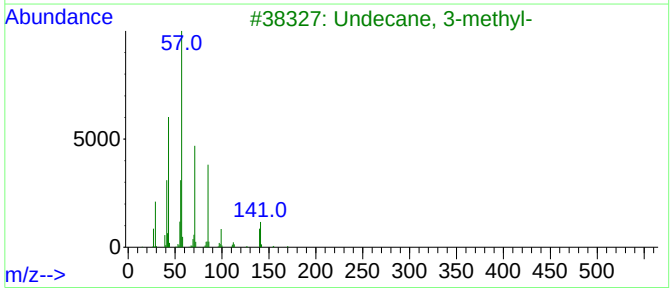


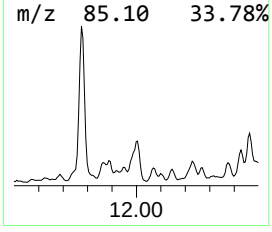












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003431.D
Acq On : 01 Oct 2020 01:09
Operator : CG/JU
Sample : L4193-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-12(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

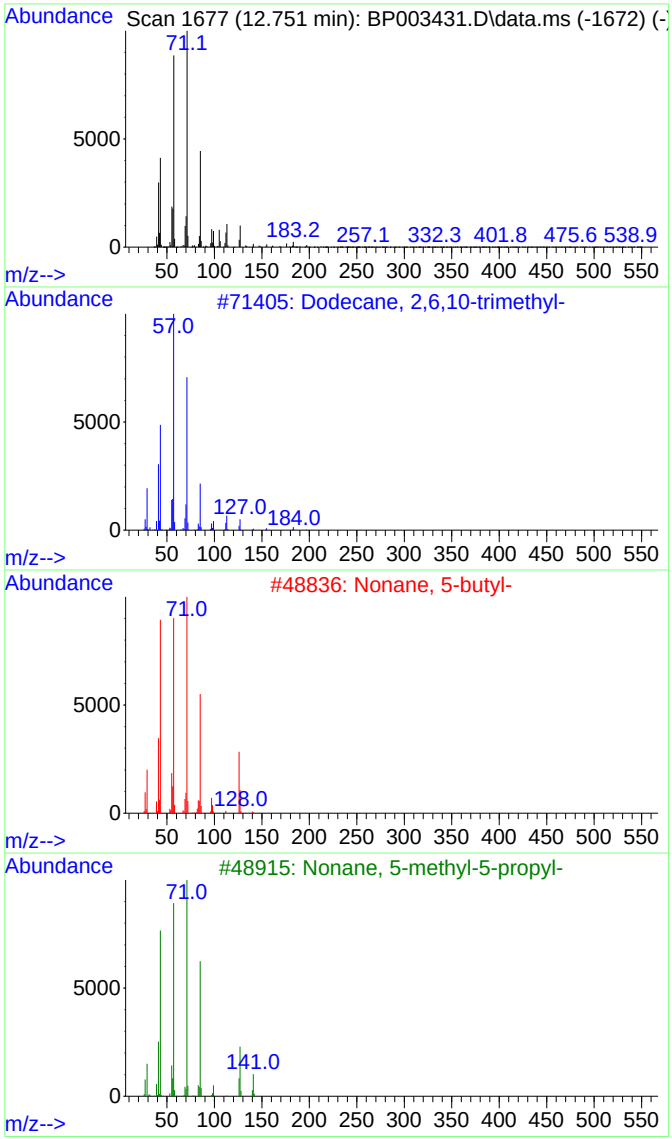
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

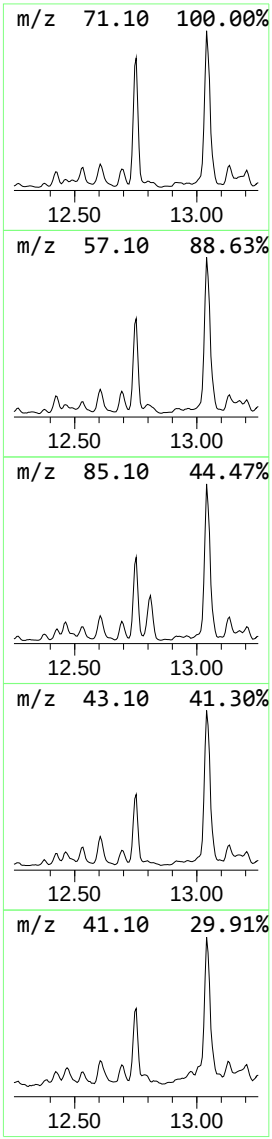
****

Peak Number 4 Dodecane, 2,6,10-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.752	13.05 ng	1214000	Acenaphthene-d10	14.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	83
3	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	64
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	52





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Data File : BP003431.D
Acq On : 01 Oct 2020 01:09
Operator : CG/JU
Sample : L4193-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-12(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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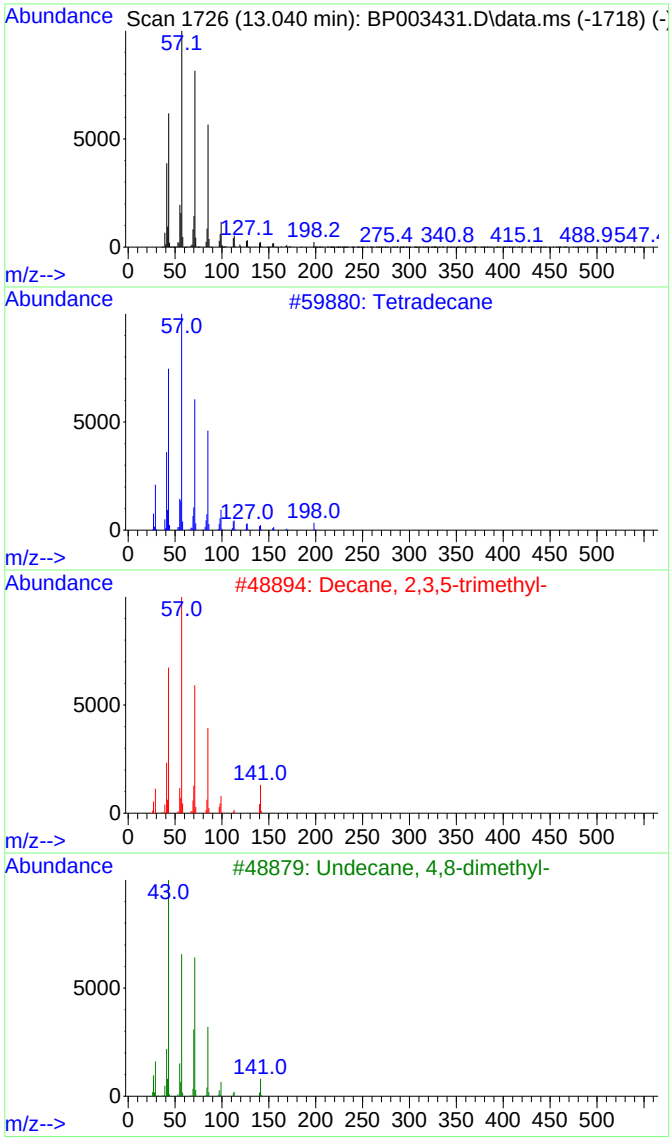
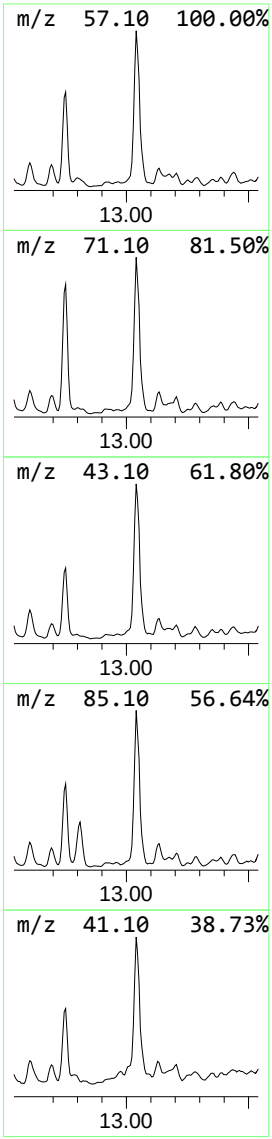
Peak Number 5 Decane, 2,3,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.040	23.43 ng	2179960	Acenaphthene-d10	14.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	83
4	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	80
5	Hexadecane	226	C16H34	000544-76-3	64





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Operator : CG/JU
Sample : L4193-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-12(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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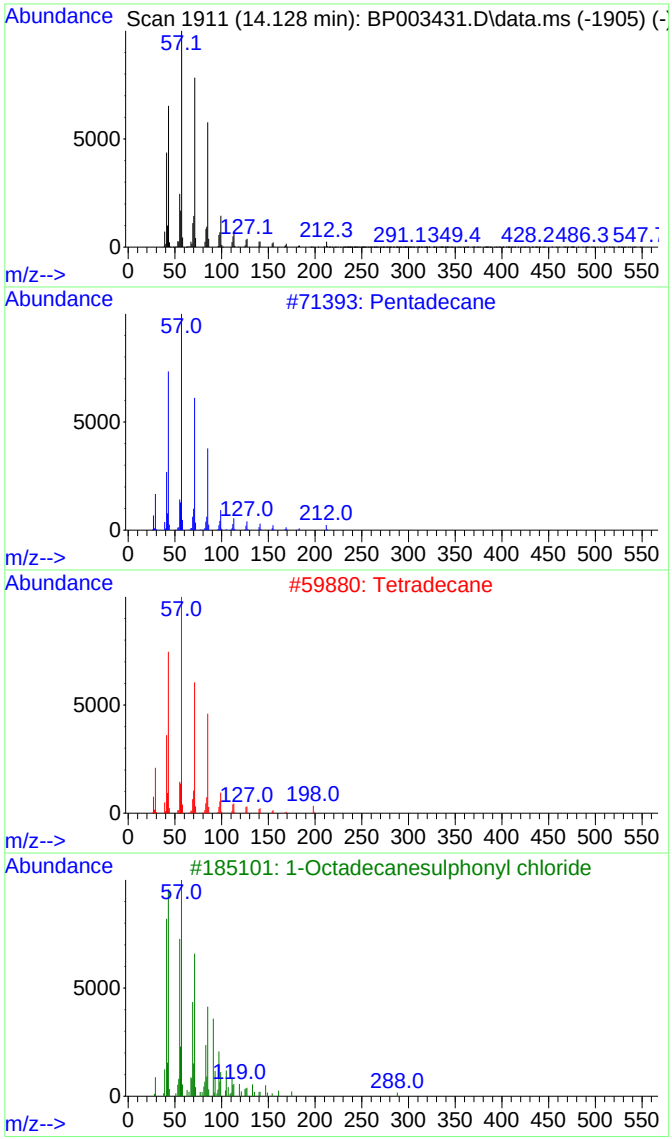
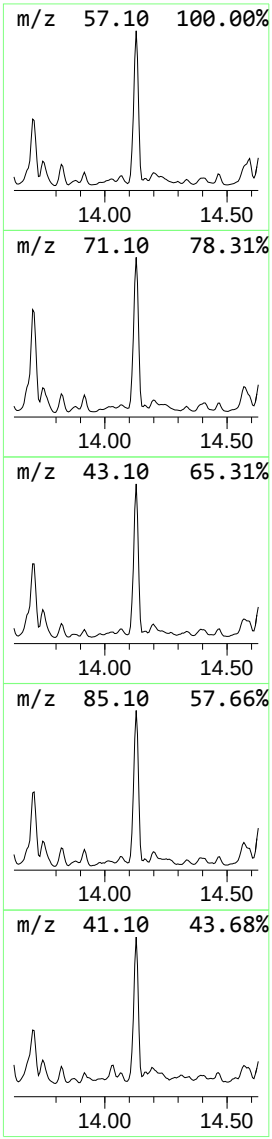
Peak Number 6 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.128	30.39 ng	2827130	Acenaphthene-d10	14.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Tetradecane	198	C14H30	000629-59-4	91
3	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80





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Operator : CG/JU
Sample : L4193-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-12(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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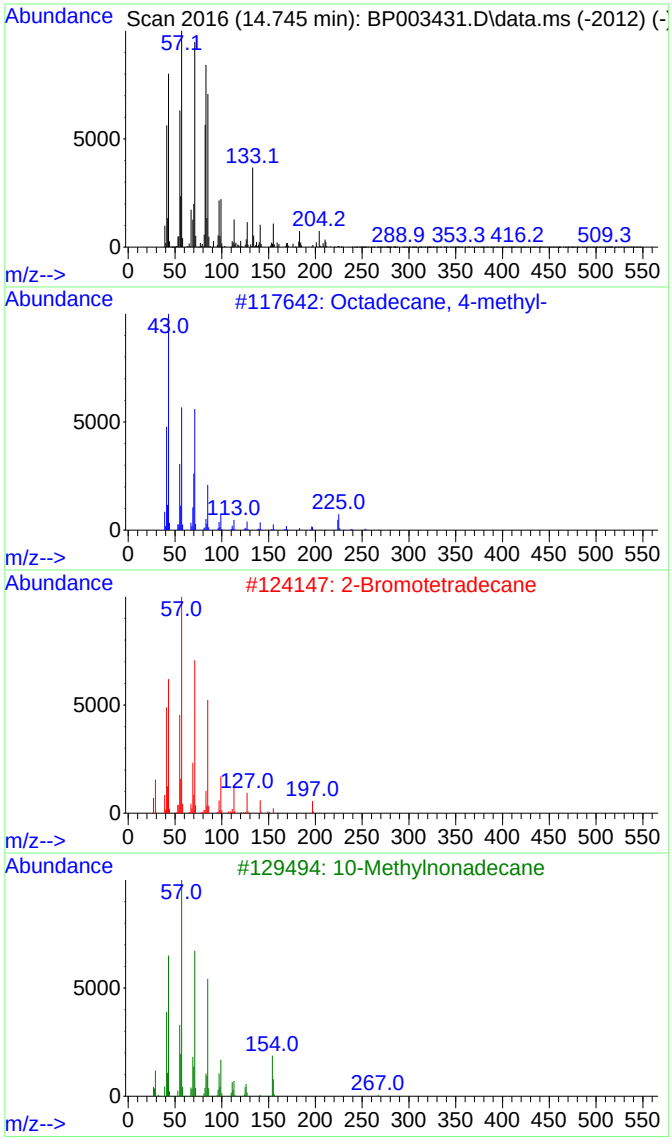
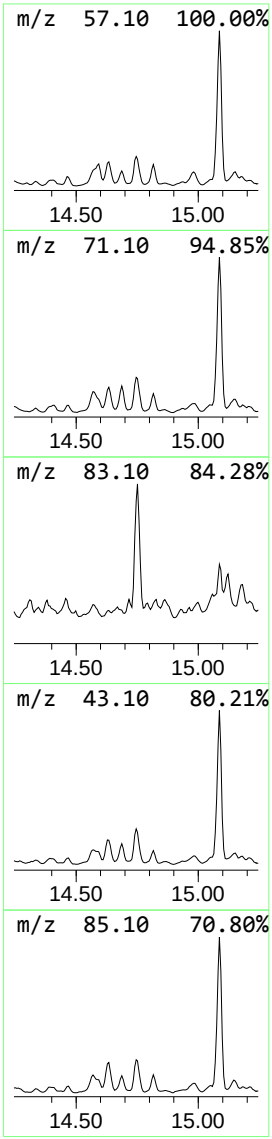
Peak Number 7 unknown14.746 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.746	13.61 ng	1265780	Acenaphthene-d10	14.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 4-methyl-	268	C19H40	010544-95-3	45
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	45
3	10-Methylnonadecane	282	C20H42	056862-62-5	43
4	Heneicosane	296	C21H44	000629-94-7	43
5	Heptylcyclohexane	182	C13H26	005617-41-4	42





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Acq On : 01 Oct 2020 01:09
Operator : CG/JU
Sample : L4193-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-12(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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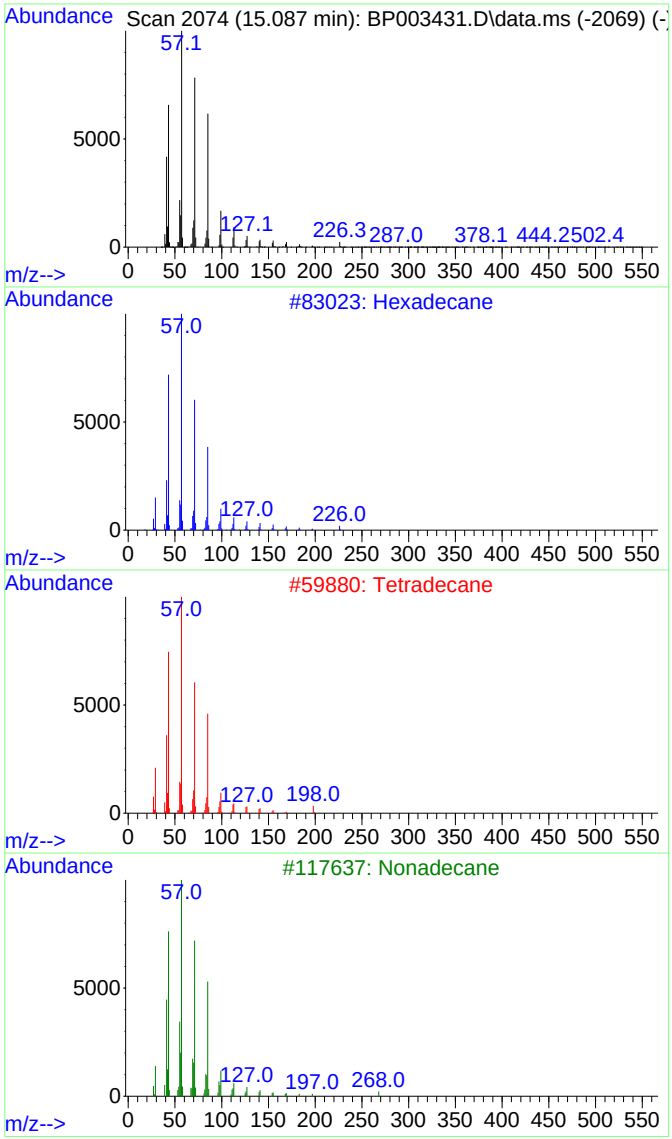
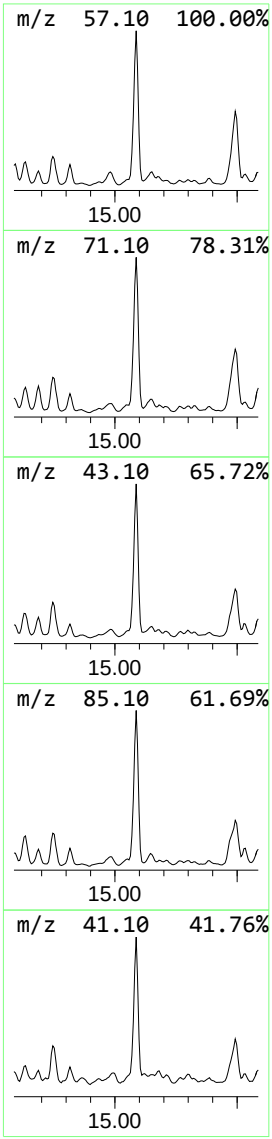
Peak Number 8 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.087	30.98 ng	2882010	Acenaphthene-d10	14.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tetradecane	198	C14H30	000629-59-4	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Heptadecane	240	C17H36	000629-78-7	80
5	Octadecane	254	C18H38	000593-45-3	72





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Acq On : 01 Oct 2020 01:09
Operator : CG/JU
Sample : L4193-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-12(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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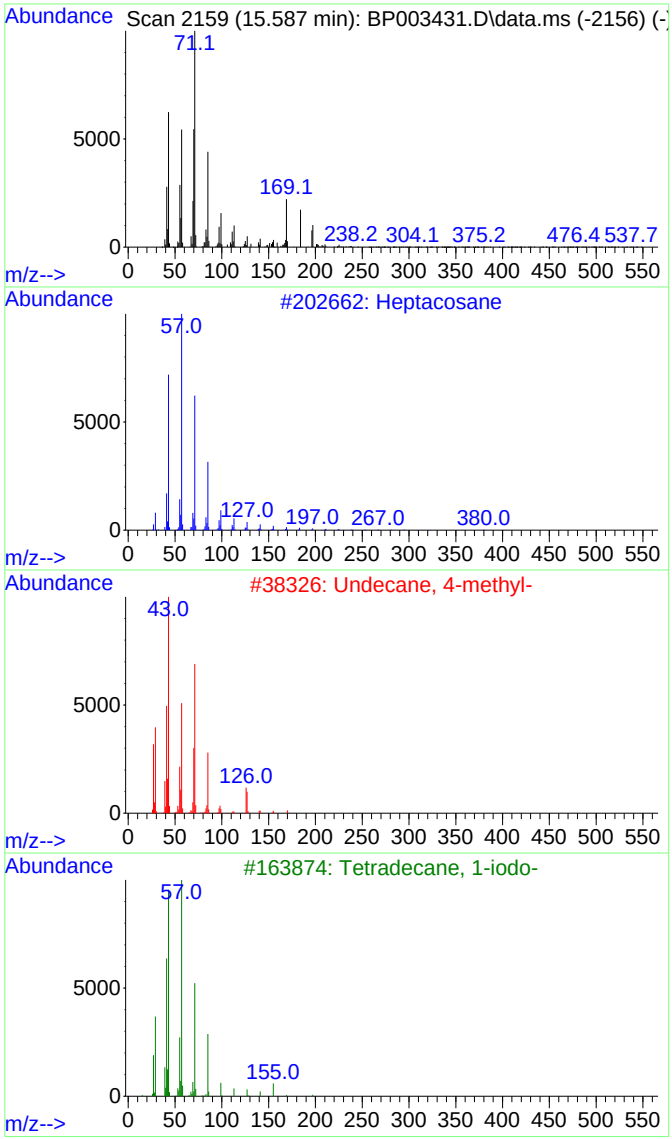
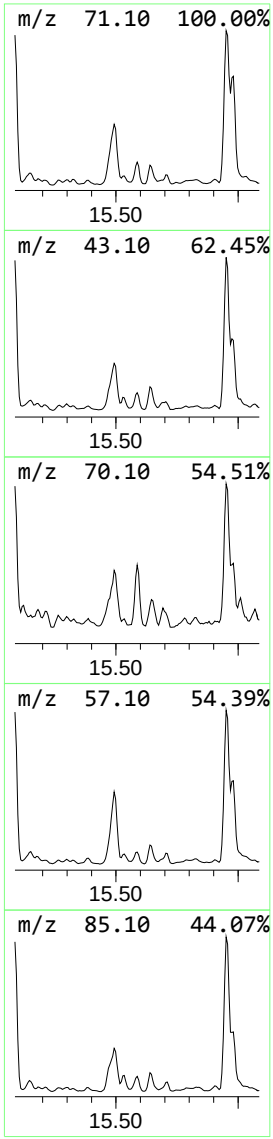
Peak Number 9 Heptacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.587	10.31 ng	552329	Phenanthrene-d10	16.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	52
2	Undecane, 4-methyl-	170	C12H26	002980-69-0	52
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	47
4	Sulfurous acid, pentadecyl penty...	362	C20H42O3S	1000309-14-8	46
5	Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	43





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Operator : CG/JU
Sample : L4193-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-12(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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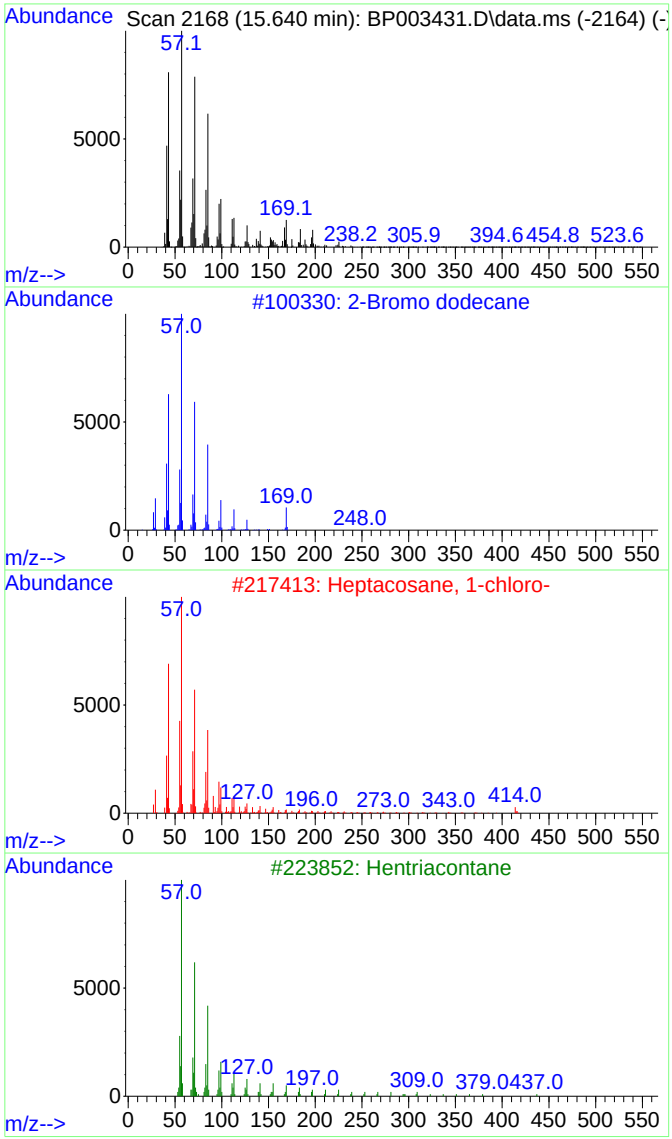
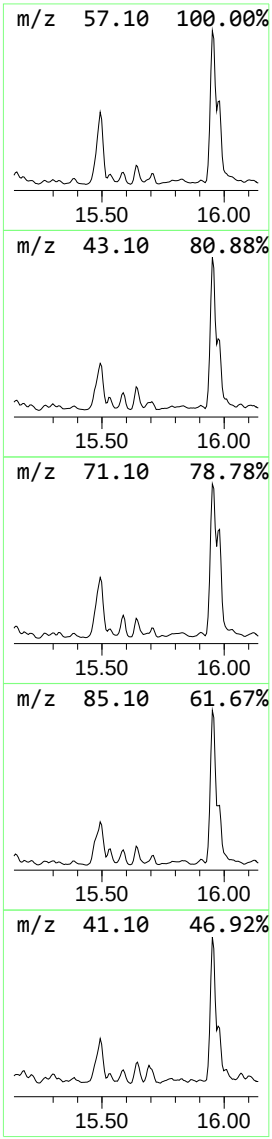
Peak Number 10 2-Bromo dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.640	15.14 ng	811046	Phenanthrene-d10	16.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
3	Hentriacontane	437	C31H64	000630-04-6	87
4	Octacosane	394	C28H58	000630-02-4	83
5	1-Bromodocosane	388	C22H45Br	006938-66-5	81





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Acq On : 01 Oct 2020 01:09
Operator : CG/JU
Sample : L4193-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-12(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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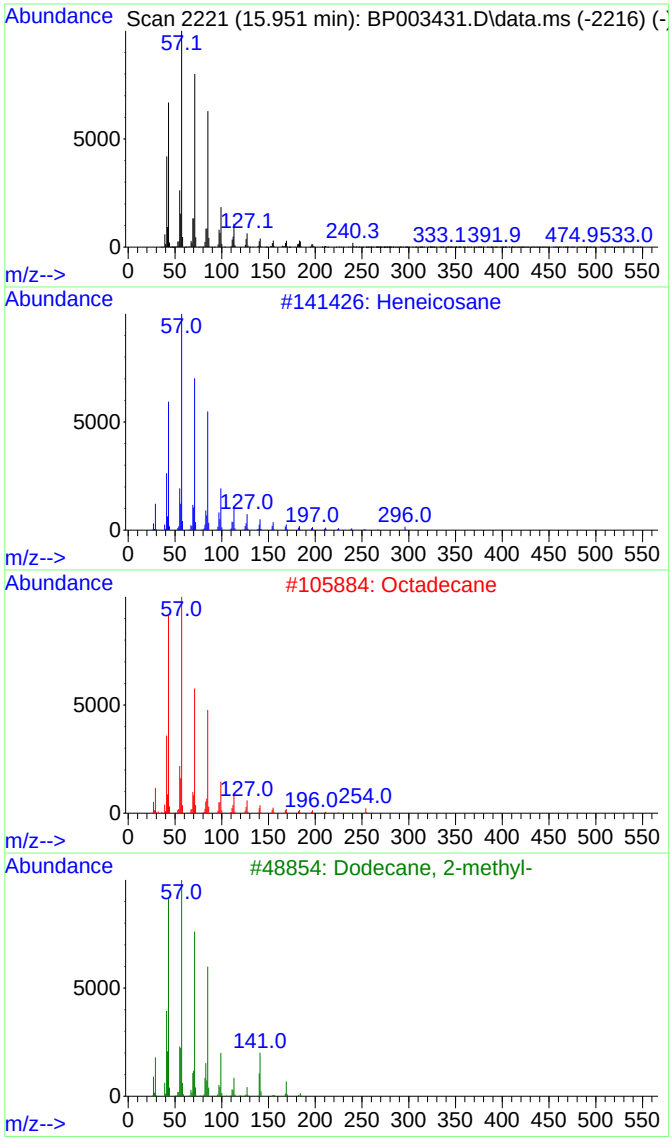
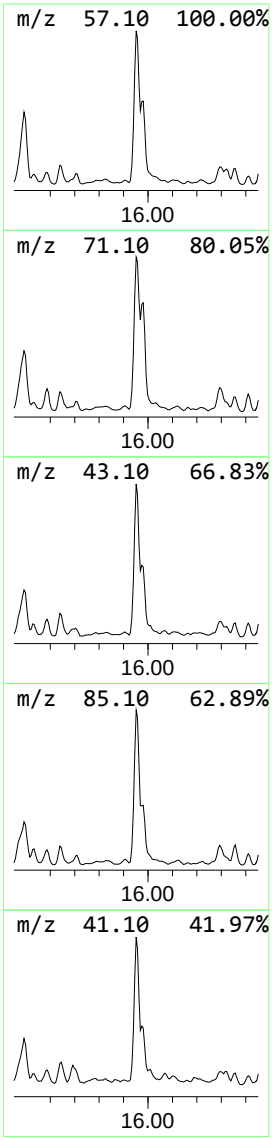
Peak Number 11 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.951	74.62 ng	3997020	Phenanthrene-d10	16.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90





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Sample : L4193-02
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-12(9-11)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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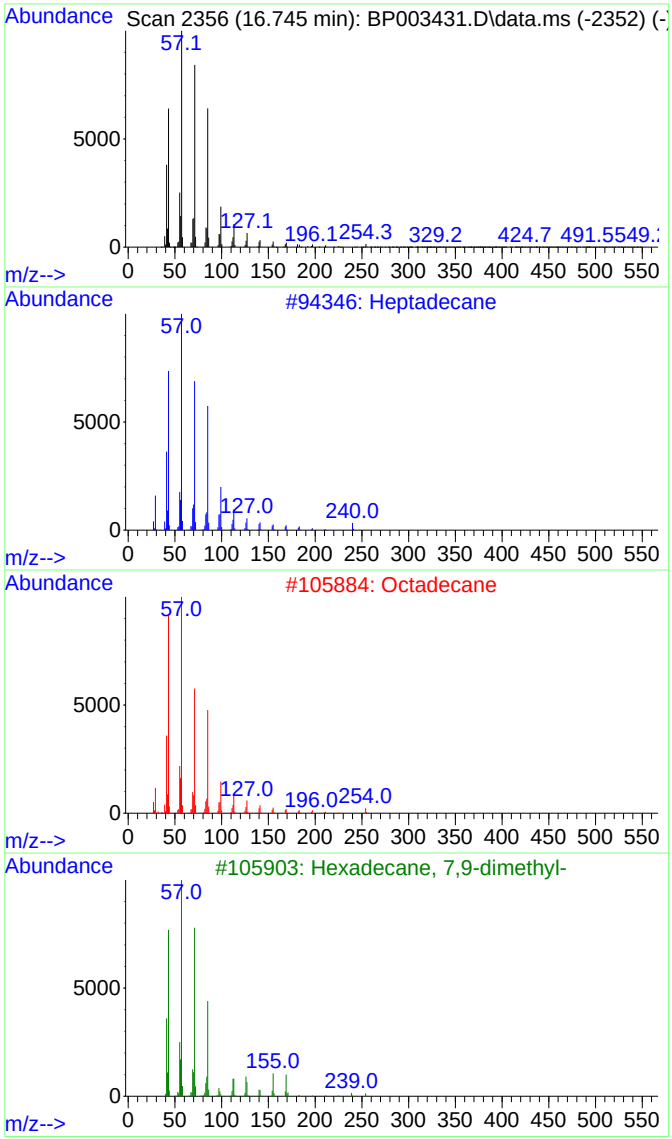
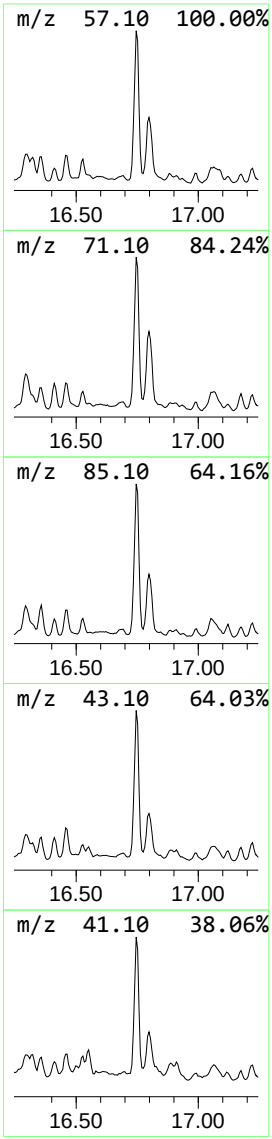
Peak Number 12 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.745	35.51 ng	1901960	Phenanthrene-d10	16.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Octadecane	254	C18H38	000593-45-3	89
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	76





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Misc :
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Instrument : BNA_P
ClientSampleId : B-12(9-11)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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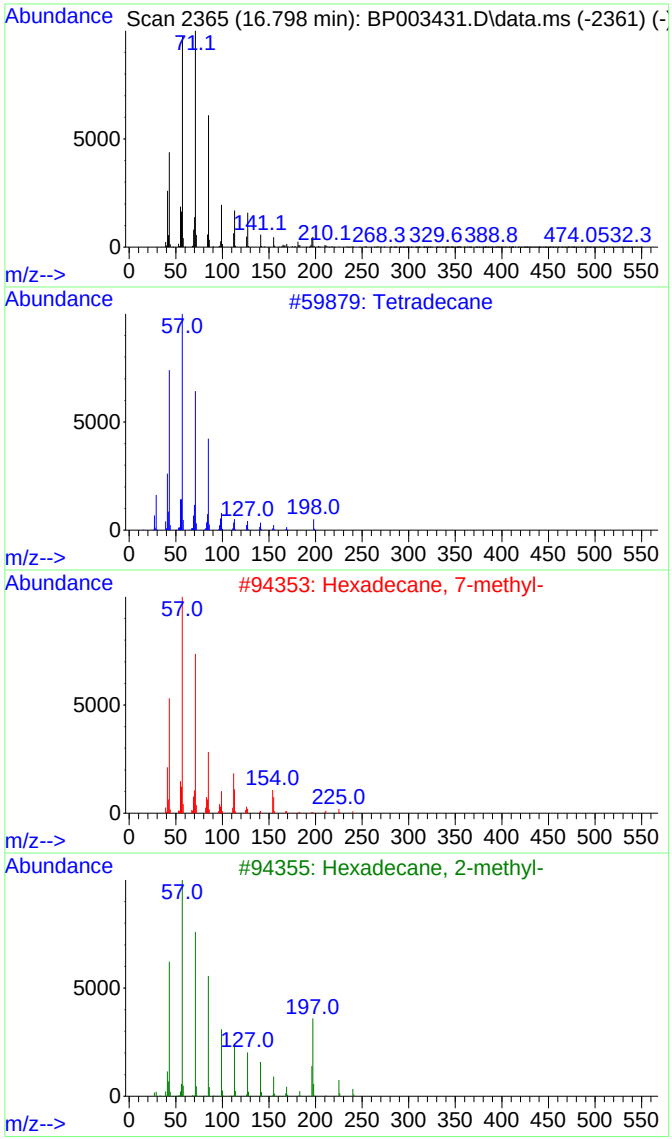
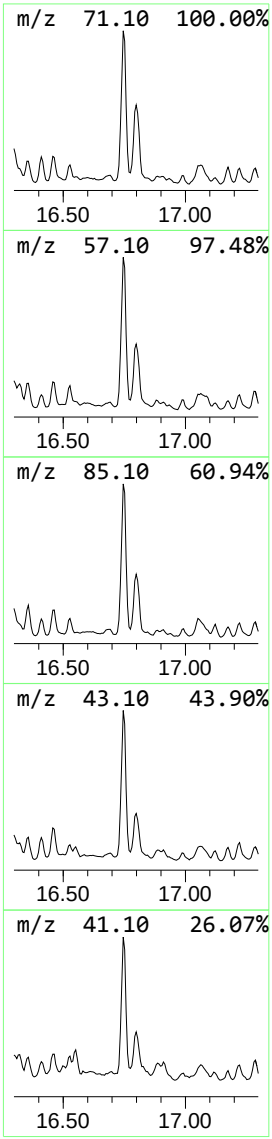
Peak Number 13 Hexadecane, 7-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.798	27.45 ng	1470290	Phenanthrene-d10	16.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	83
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	80
4	Heptacosane	380	C27H56	000593-49-7	72
5	Hexadecane	226	C16H34	000544-76-3	72





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Sample : L4193-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-12(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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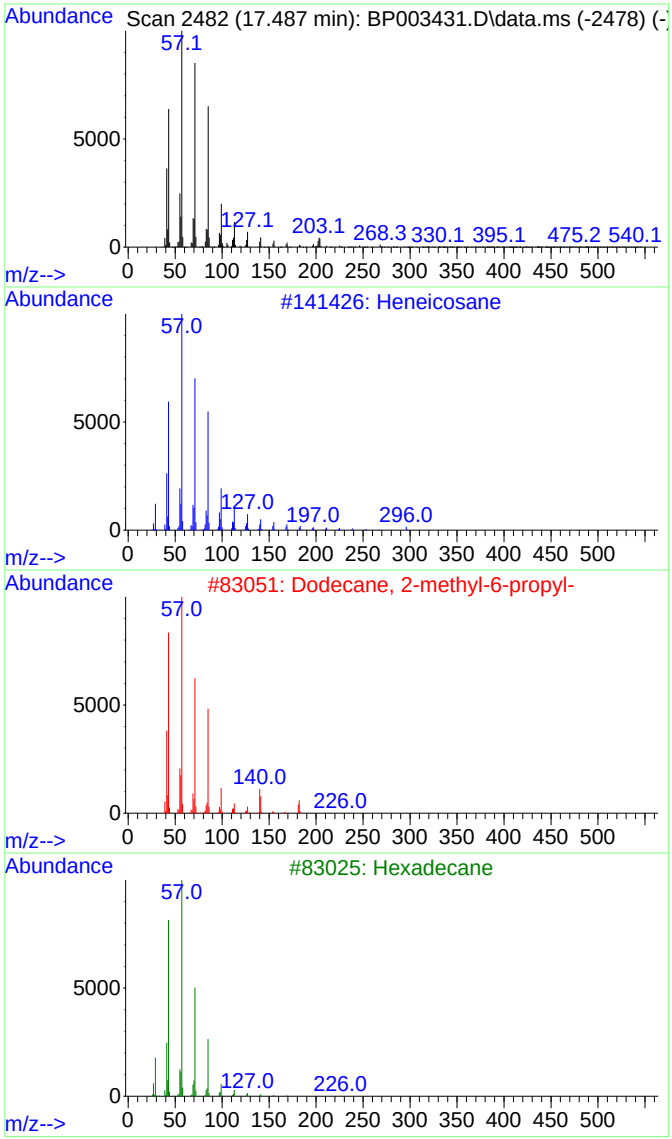
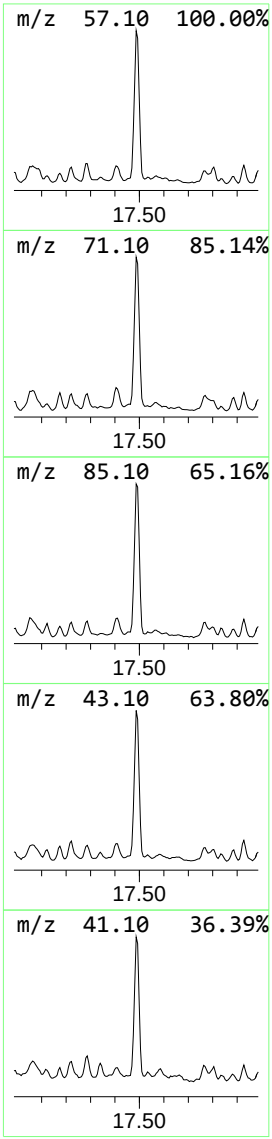
Peak Number 14 Dodecane, 2-methyl-6-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.486	40.41 ng	2164750	Phenanthrene-d10	16.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
3	Hexadecane	226	C16H34	000544-76-3	86
4	Nonadecane	268	C19H40	000629-92-5	83
5	Octadecane	254	C18H38	000593-45-3	72





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-12(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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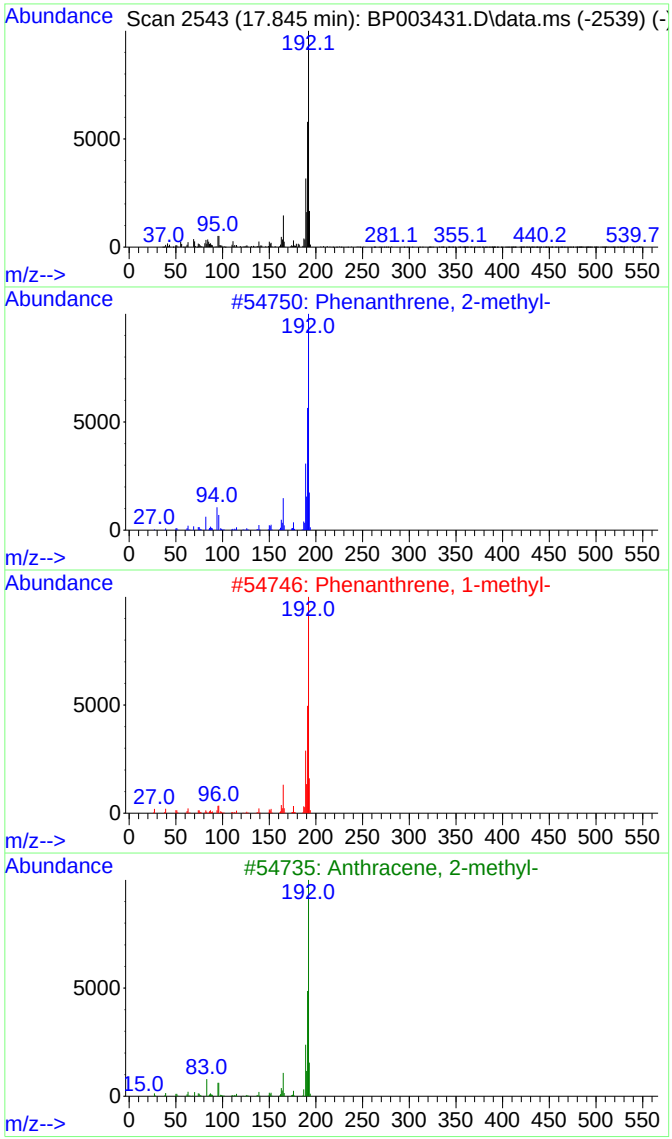
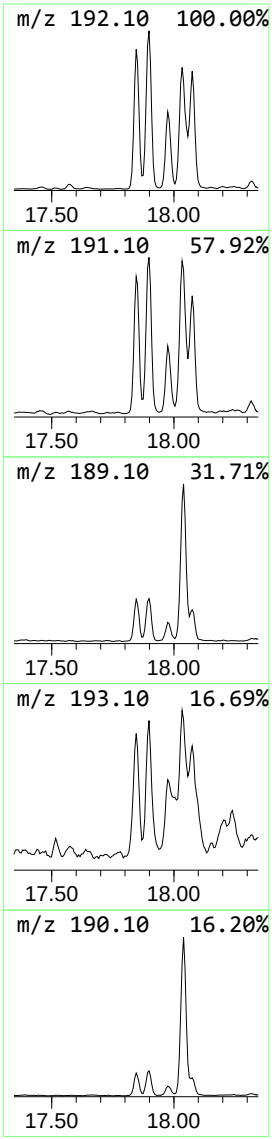
Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.845	9.76 ng	522957	Phenanthrene-d10	16.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Operator : CG/JU
Sample : L4193-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-12(9-11)

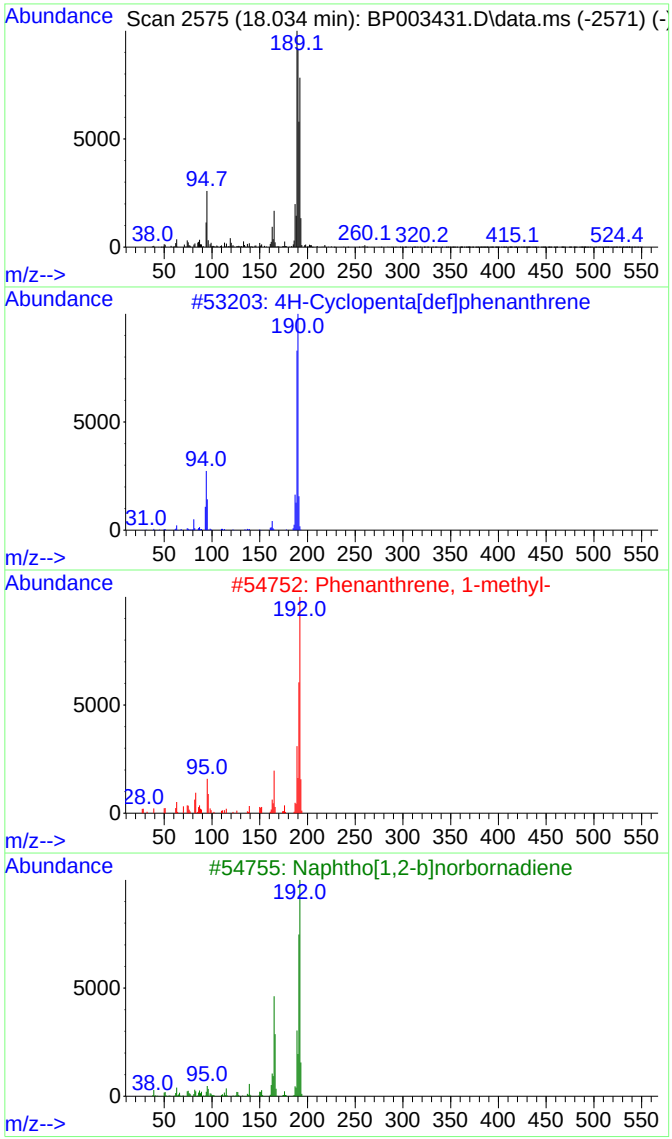
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

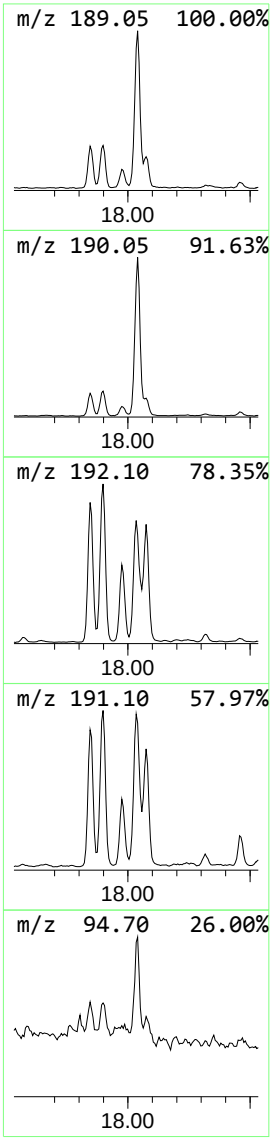
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.034	17.36 ng	929995	Phenanthrene-d10	16.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003431.D
Acq On : 01 Oct 2020 01:09
Operator : CG/JU
Sample : L4193-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-12(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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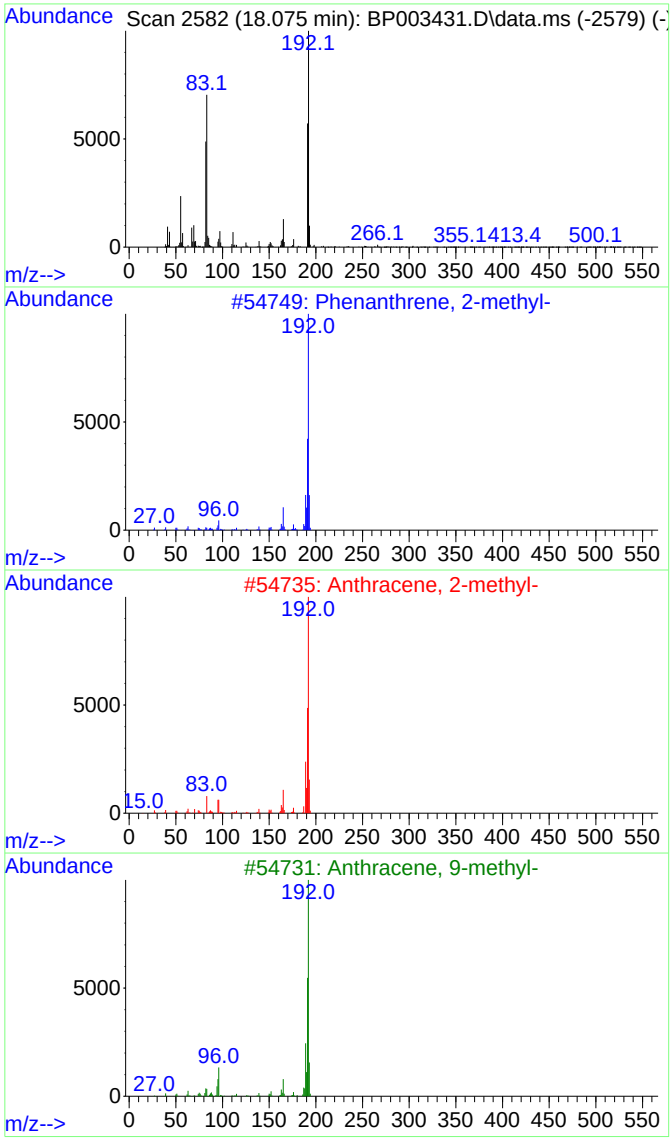
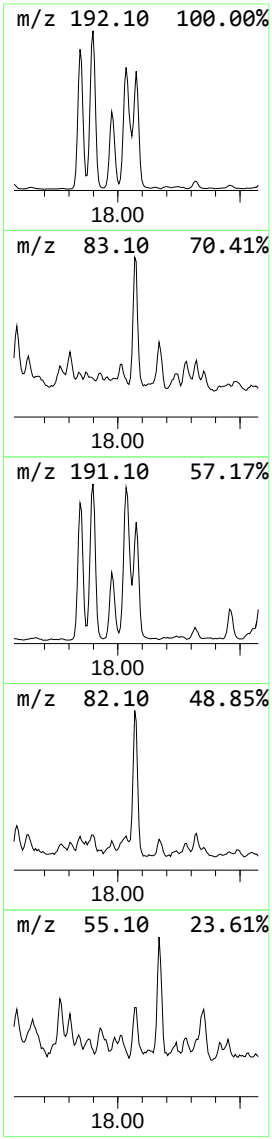
Peak Number 17 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.075	11.98 ng	641841	Phenanthrene-d10	16.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	53
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	49
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	49
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	46





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Acq On : 01 Oct 2020 01:09
Operator : CG/JU
Sample : L4193-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-12(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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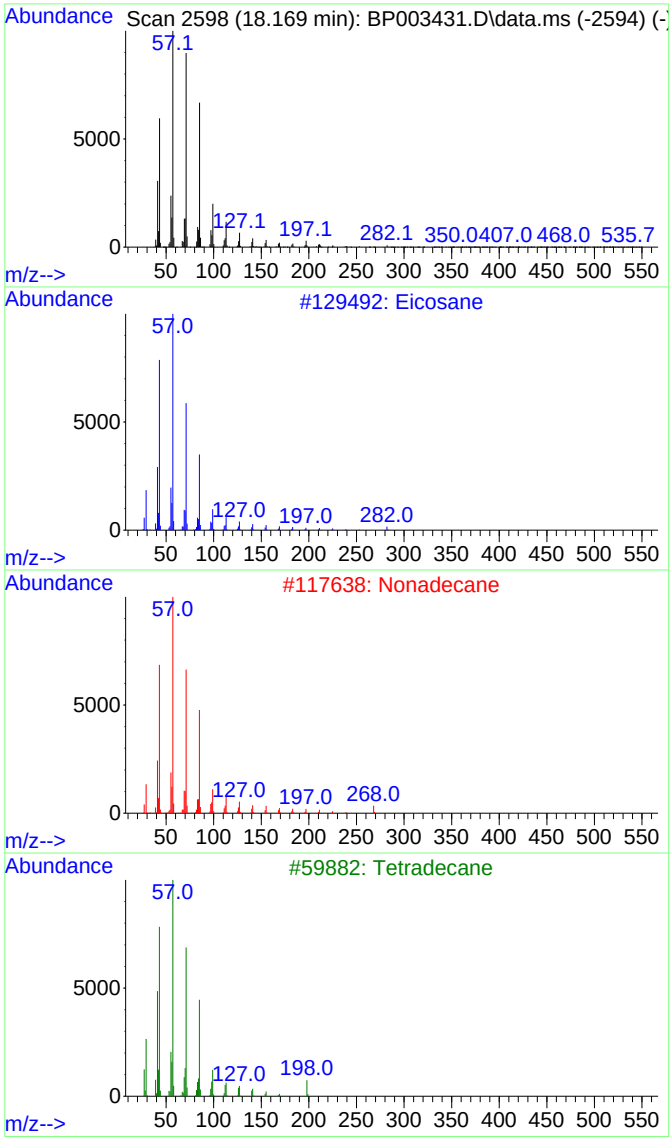
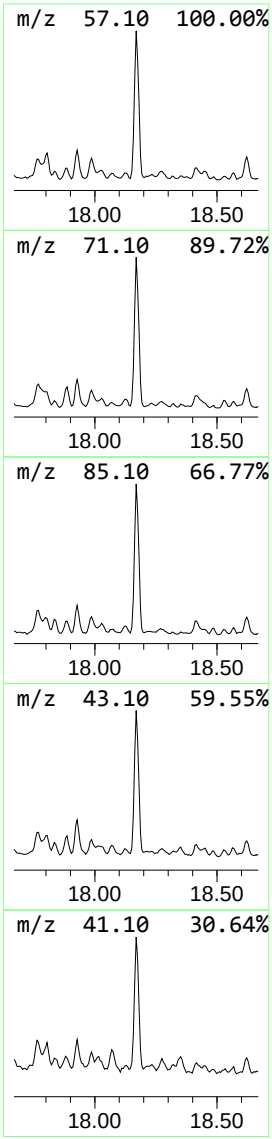
Peak Number 18 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.169	21.97 ng	1176710	Phenanthrene-d10	16.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Nonadecane	268	C19H40	000629-92-5	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	80





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Data File : BP003431.D
Acq On : 01 Oct 2020 01:09
Operator : CG/JU
Sample : L4193-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-12(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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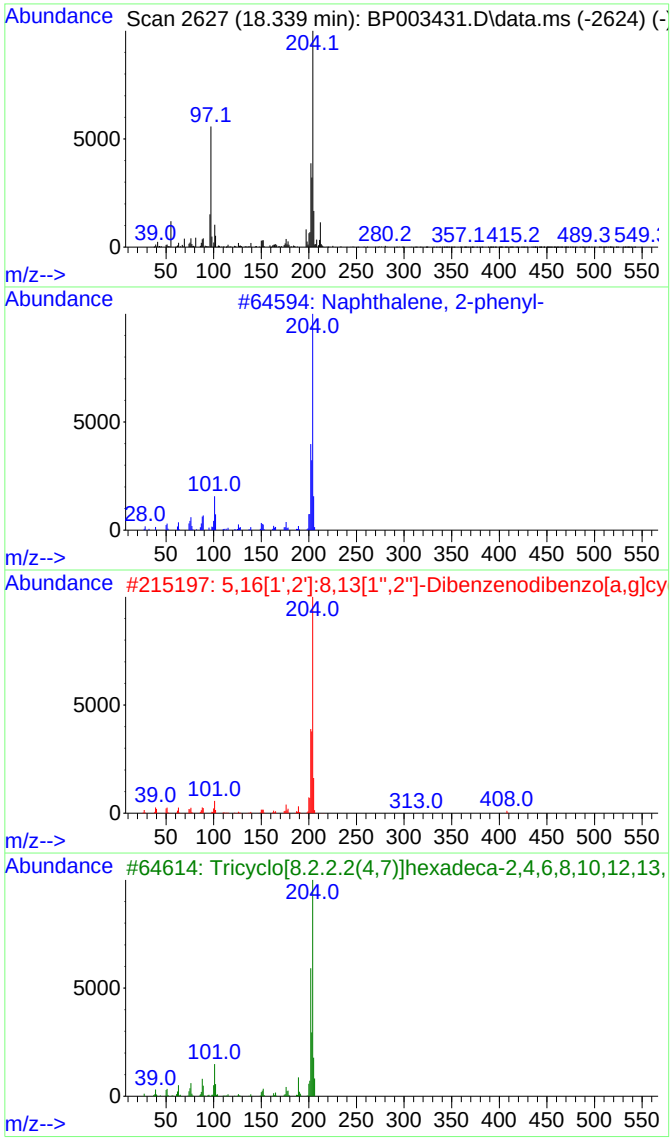
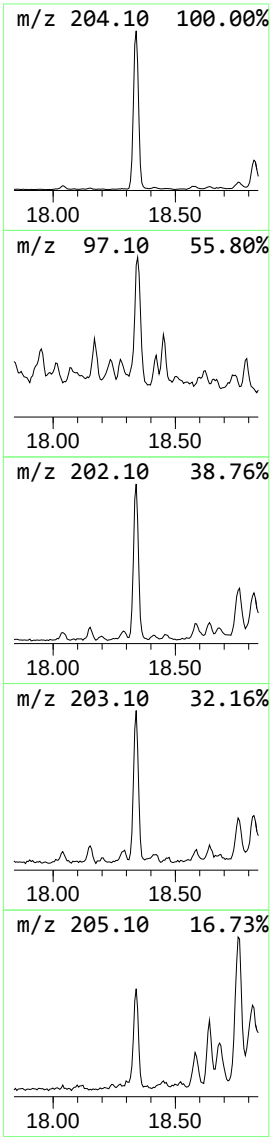
Peak Number 19 Naphthalene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	8.91 ng	477309	Phenanthrene-d10	16.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	62
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	50
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	38
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003431.D
Acq On : 01 Oct 2020 01:09
Operator : CG/JU
Sample : L4193-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-12(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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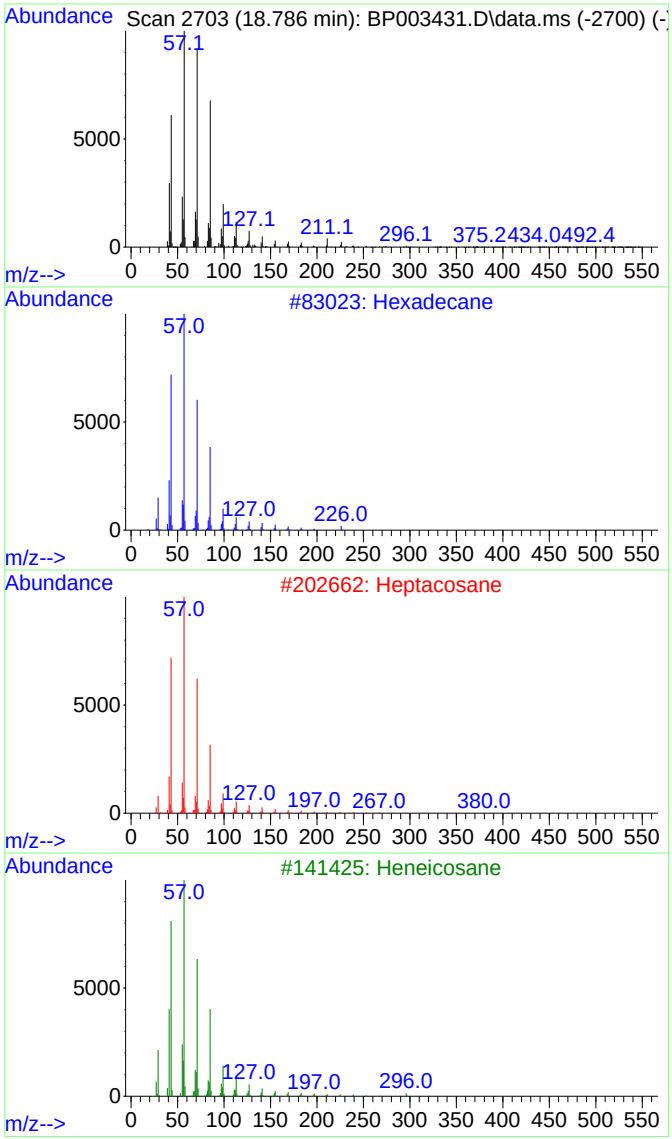
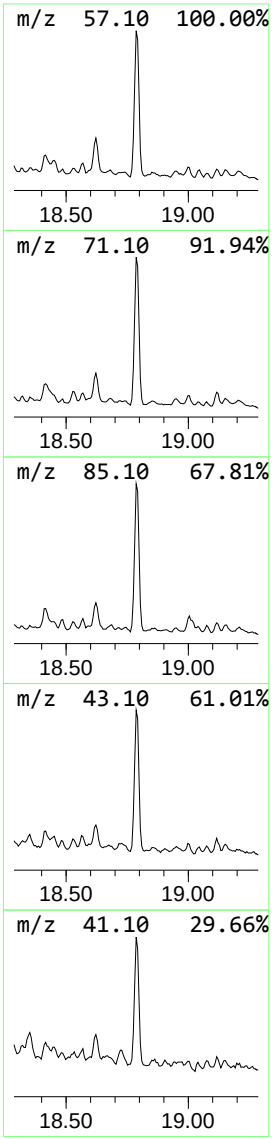
Peak Number 20 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.787	16.25 ng	870654	Phenanthrene-d10	16.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	92
2	Heptacosane	380	C27H56	000593-49-7	87
3	Heneicosane	296	C21H44	000629-94-7	86
4	Nonadecane	268	C19H40	000629-92-5	86
5	Octadecane	254	C18H38	000593-45-3	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003431.D
Acq On : 01 Oct 2020 01:09
Operator : CG/JU
Sample : L4193-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-12(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Octane, 2,6-dim...	11.369	17.0	ng	997263	2	10.316	1173480	20.0
Tetradecane	11.775	23.2	ng	1361280	2	10.316	1173480	20.0
unknown11.999	11.999	9.4	ng	550319	2	10.316	1173480	20.0
Dodecane, 2,6,1...	12.752	13.1	ng	1214000	3	14.198	1860580	20.0
Decane, 2,3,5-t...	13.040	23.4	ng	2179960	3	14.198	1860580	20.0
Pentadecane	14.128	30.4	ng	2827130	3	14.198	1860580	20.0
unknown14.746	14.746	13.6	ng	1265780	3	14.198	1860580	20.0
Hexadecane	15.087	31.0	ng	2882010	3	14.198	1860580	20.0
Heptacosane	15.587	10.3	ng	552329	4	16.963	1071280	20.0
2-Bromo dodecane	15.640	15.1	ng	811046	4	16.963	1071280	20.0
Heneicosane	15.951	74.6	ng	3997020	4	16.963	1071280	20.0
Heptadecane	16.745	35.5	ng	1901960	4	16.963	1071280	20.0
Hexadecane, 7-m...	16.798	27.4	ng	1470290	4	16.963	1071280	20.0
Dodecane, 2-met...	17.486	40.4	ng	2164750	4	16.963	1071280	20.0
Phenanthrene, 2...	17.845	9.8	ng	522957	4	16.963	1071280	20.0
4H-Cyclopenta[d...	18.034	17.4	ng	929995	4	16.963	1071280	20.0
Anthracene, 2-m...	18.075	12.0	ng	641841	4	16.963	1071280	20.0
Eicosane	18.169	22.0	ng	1176710	4	16.963	1071280	20.0
Naphthalene, 2-...	18.339	8.9	ng	477309	4	16.963	1071280	20.0
Nonadecane	18.787	16.3	ng	870654	4	16.963	1071280	20.0