LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
Data File : BP003388.D
Acq On : 25 Sep 2020 18:59
Operator : CG/JU
Sample : L4127-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-2(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: BP003388.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.705	302	309	317	rBV	18945	30788	1.11%	0.067%
2	5.187	384	391	409	rBV	812628	1352437	48.72%	2.957%
3	6.775	654	661	672	rBV	821601	1415261	50.98%	3.094%
4	6.869	673	677	688	rVB	50063	92876	3.35%	0.203%
5	7.181	726	730	734	rBV	22835	40375	1.45%	0.088%
6	7.569	789	796	806	rBV	566586	892584	32.16%	1.951%
7	8.128	879	891	896	rBV6	11678	31211	1.12%	0.068%
8	8.716	975	991	999	rBV	528509	1002305	36.11%	2.191%
9	8.811	1003	1007	1016	rVV	38812	77976	2.81%	0.170%
10	8.899	1016	1022	1024	rVV3	21351	38923	1.40%	0.085%
11	8.934	1024	1028	1033	rVB4	22132	41237	1.49%	0.090%
12	9.222	1073	1077	1081	rBV3	21001	32677	1.18%	0.071%
13	9.281	1082	1087	1094	rVB4	39397	66169	2.38%	0.145%
14	9.540	1126	1131	1140	rVB5	44123	97437	3.51%	0.213%
15	9.805	1167	1176	1183	rBV10	23761	74251	2.67%	0.162%
16	9.963	1198	1203	1212	rVB7	32916	74305	2.68%	0.162%
17	10.063	1213	1220	1224	rBV9	17720	47478	1.71%	0.104%
18	10.110	1224	1228	1231	rBV4	23012	36523	1.32%	0.080%
19	10.228	1244	1248	1251	rBV3	30655	45403	1.64%	0.099%
20	10.269	1251	1255	1259	rVB2	27864	33932	1.22%	0.074%
21	10.346	1259	1268	1276	rBV	821222	1549157	55.81%	3.387%
22	10.481	1288	1291	1296	rVB4	43218	69390	2.50%	0.152%
23	10.540	1296	1301	1306	rBV	156903	240238	8.65%	0.525%
24	10.763	1334	1339	1344	rBV3	56797	107270	3.86%	0.235%
25	10.857	1351	1355	1359	rBV3	53510	82904	2.99%	0.181%
26	10.934	1364	1368	1375	rBV5	30906	62326	2.25%	0.136%
27	11.040	1382	1386	1394	rVB6	94957	183197	6.60%	0.400%
28	11.110	1394	1398	1400	rBV4	30389	46374	1.67%	0.101%
29	11.146	1401	1404	1408	rVB3	30080	44801	1.61%	0.098%
30	11.405	1442	1448	1452	rBV	536040	864066	31.13%	1.889%
31	11.552	1469	1473	1477	rVB3	51107	73119	2.63%	0.160%
32	11.657	1487	1491	1494	rBV3	59155	78749	2.84%	0.172%
33	11.804	1508	1516	1525	rBV4	219240	563418	20.30%	1.232%
34	11.940	1536	1539	1543	rBV3	70655	94399	3.40%	0.206%
35	12.104	1563	1567	1570	rBV3	87650	147974	5.33%	0.323%
36	12.169	1575	1578	1581	rVV2	63156	81580	2.94%	0.178%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
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Acq On : 25 Sep 2020 18:59
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Sample : L4127-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-2(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	12.252	1588	1592	1596	rBV5	59158	134711	4.85%	0.294%
38	12.416	1617	1620	1624	rBV5	59251	97726	3.52%	0.214%
39	12.652	1654	1660	1668	rBV6	130957	354755	12.78%	0.776%
40	12.728	1669	1673	1676	rVV6	116324	195370	7.04%	0.427%
41	12.775	1676	1681	1685	rVV	757806	1129542	40.69%	2.469%
42	12.834	1686	1691	1702	rVB	1642629	2676405	96.42%	5.851%
43	13.069	1727	1731	1738	rVV2	262505	541333	19.50%	1.183%
44	13.134	1738	1742	1750	rVB4	214888	527617	19.01%	1.153%
45	13.646	1825	1829	1833	rBV	379870	594859	21.43%	1.300%
46	13.681	1833	1835	1838	rVV	211717	251428	9.06%	0.550%
47	13.734	1839	1844	1848	rVV	921534	1240359	44.68%	2.712%
48	13.846	1861	1863	1867	rVB4	78770	86209	3.11%	0.188%
49	13.946	1876	1880	1882	rBV	188718	276835	9.97%	0.605%
50	14.057	1896	1899	1903	rBV	266486	311161	11.21%	0.680%
51	14.151	1909	1915	1919	rBV2	606331	901891	32.49%	1.972%
52	14.222	1919	1927	1933	rBV	1218287	2210486	79.63%	4.832%
53	14.557	1980	1984	1987	rBV2	162321	273095	9.84%	0.597%
54	14.657	1998	2001	2008	rBV5	139487	210389	7.58%	0.460%
55	14.775	2016	2021	2026	rBV2	444341	648447	23.36%	1.418%
56	15.022	2059	2063	2069	rVB3	242247	405331	14.60%	0.886%
57	15.104	2074	2077	2082	rVB	609267	759385	27.36%	1.660%
58	15.281	2105	2107	2111	rBV3	86736	107038	3.86%	0.234%
59	15.322	2111	2114	2120	rVB2	143142	196856	7.09%	0.430%
60	15.516	2141	2147	2152	rVB	597302	955773	34.43%	2.089%
61	15.669	2168	2173	2177	rBV3	181210	309846	11.16%	0.677%
62	15.722	2177	2182	2189	rBV2	1044305	1616347	58.23%	3.534%
63	15.969	2220	2224	2227	rBV	876051	1308805	47.15%	2.861%
64	15.998	2227	2229	2233	rVB	723192	785996	28.32%	1.718%
65	16.092	2242	2245	2248	rBV	116532	141095	5.08%	0.308%
66	16.763	2356	2359	2363	rBV	400020	467688	16.85%	1.022%
67	16.816	2365	2368	2379	rVB	321794	573690	20.67%	1.254%
68	16.910	2381	2384	2386	rBV	61315	75191	2.71%	0.164%
69	16.981	2391	2396	2400	rBV	1185745	1718966	61.93%	3.758%
70	17.022	2400	2403	2409	rVB	661187	840709	30.29%	1.838%
71	17.110	2415	2418	2425	rVB	184819	298342	10.75%	0.652%
72	17.239	2436	2440	2445	rBV3	90384	145763	5.25%	0.319%
73	17.304	2448	2451	2457	rVB3	123367	165920	5.98%	0.363%
74	17.357	2458	2460	2463	rBV	62458	77850	2.80%	0.170%
75	17.504	2481	2485	2490	rVB	449566	517040	18.63%	1.130%
76	17.781	2529	2532	2535	rBV	81879	99020	3.57%	0.216%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
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Acq On : 25 Sep 2020 18:59
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-2(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
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Peak separation: 5

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

77	17.857	2542	2545	2548	rVB	111010	126630	4.56%	0.277%
78	17.904	2549	2553	2556	rVB	170988	220612	7.95%	0.482%
79	17.963	2557	2563	2568	rBV6	160151	311462	11.22%	0.681%
80	18.045	2573	2577	2580	rVV2	176301	284075	10.23%	0.621%
81	18.087	2581	2584	2590	rVB2	148232	201427	7.26%	0.440%
82	18.187	2597	2601	2605	rBV	181242	219458	7.91%	0.480%
83	18.745	2690	2696	2701	rBV4	112452	288565	10.40%	0.631%
84	18.798	2702	2705	2711	rVB3	186924	230448	8.30%	0.504%
85	19.004	2736	2740	2744	rBV	998919	1209789	43.58%	2.645%
86	19.357	2792	2800	2809	rBV	961879	1604782	57.81%	3.508%
87	19.557	2830	2834	2839	rVB	2342401	2775875	100.00%	6.068%
88	20.804	3043	3046	3053	rBV3	353097	506357	18.24%	1.107%
89	21.080	3087	3093	3096	rBV2	1401856	2233583	80.46%	4.883%
90	23.280	3463	3467	3473	rVB2	830190	1487629	53.59%	3.252%

Sum of corrected areas: 45743071

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
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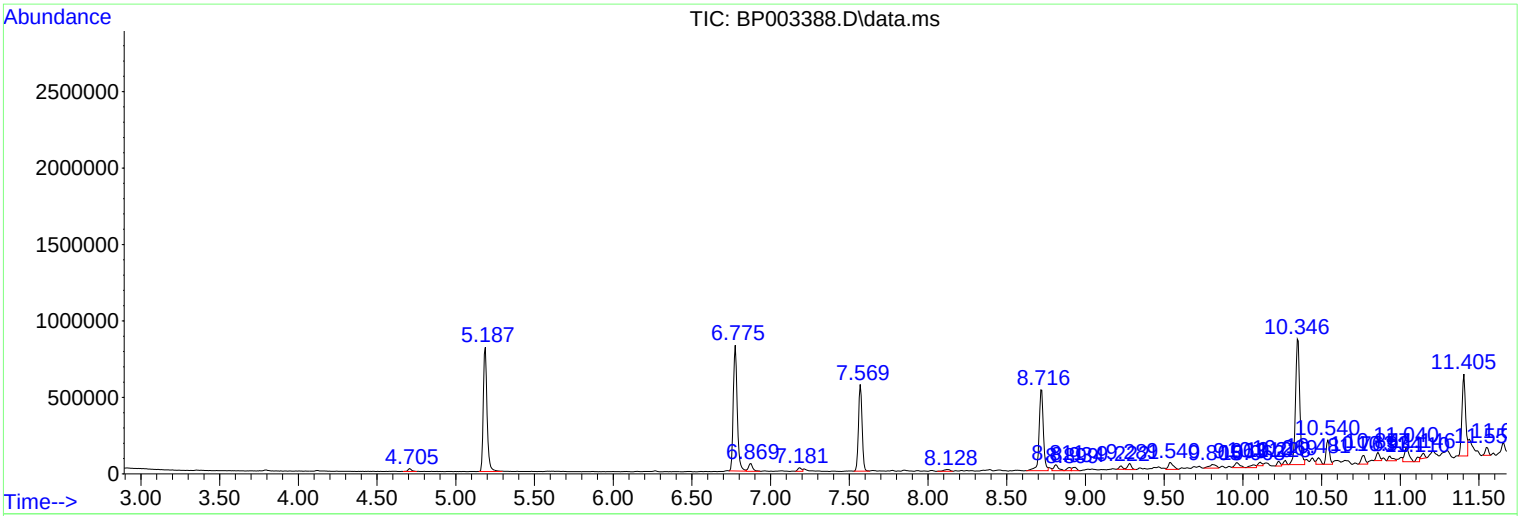
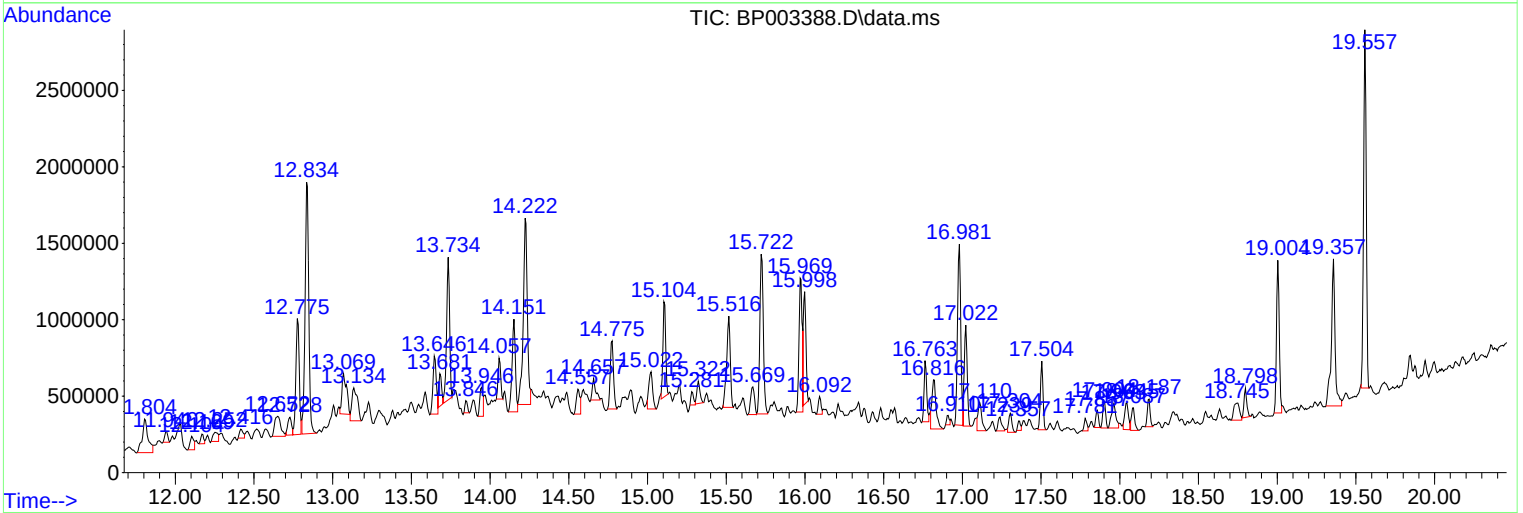
Sample : L4127-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

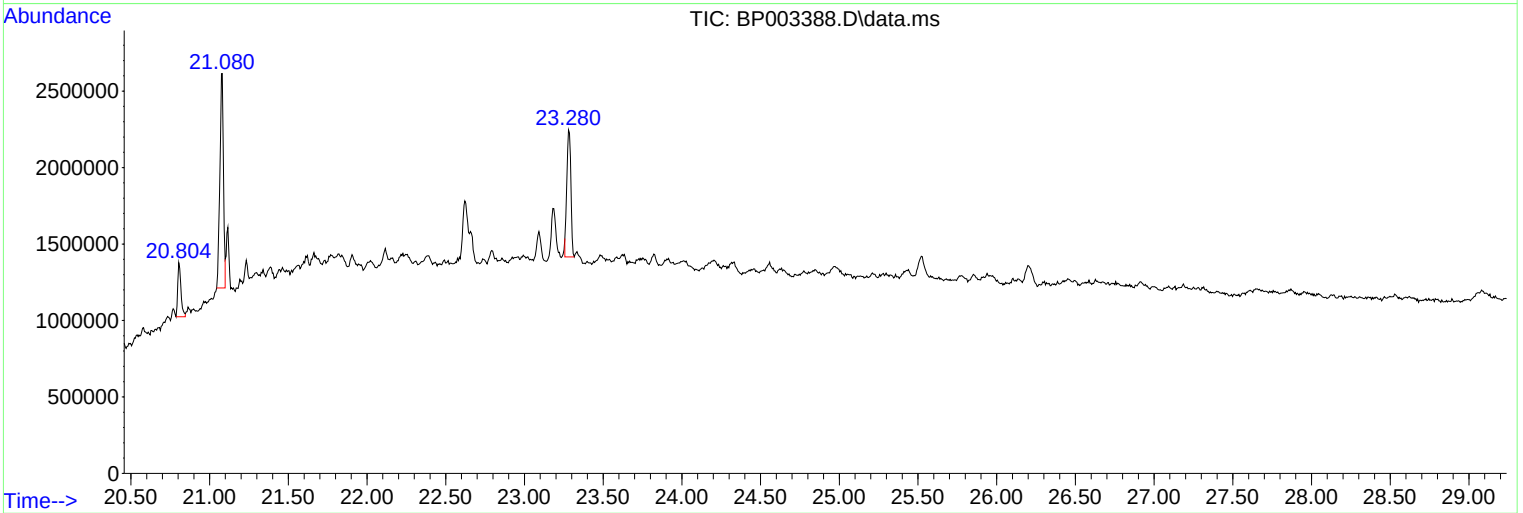
Instrument :
BNA_P
ClientSampleId :
B-2(9-11)

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\BP092520\
Data File : BP003388.D
Acq On : 25 Sep 2020 18:59
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Sample : L4127-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2(9-11)

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

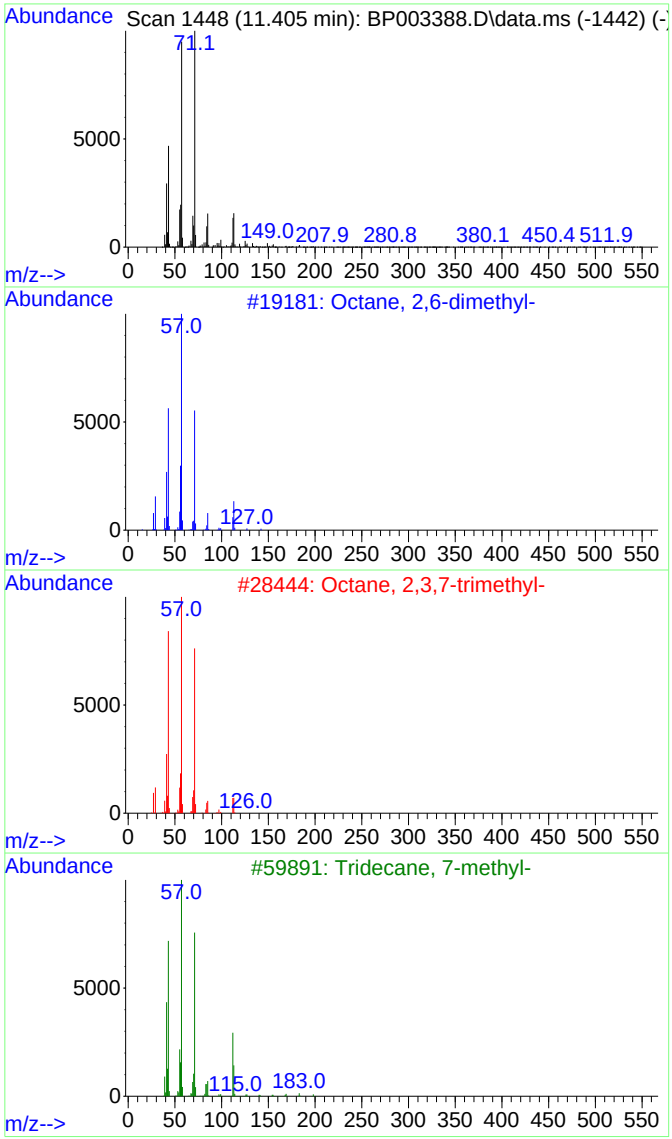
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

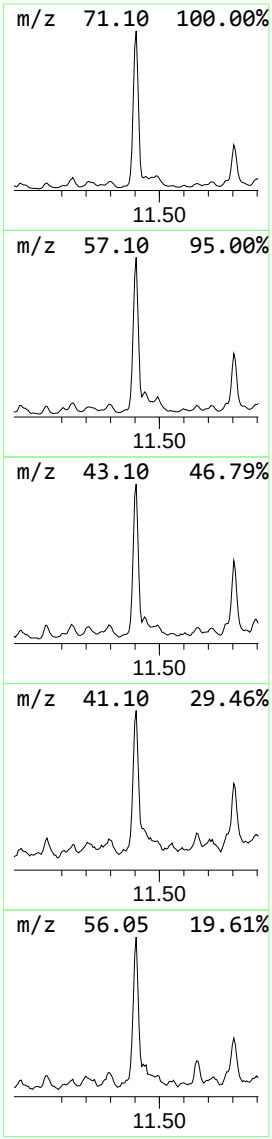
****

Peak Number 1 Octane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.405	11.16 ng	864066	Naphthalene-d8	10.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	78
3	Tridecane, 7-methyl-	198	C14H30	026730-14-3	72
4	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	72
5	3-Bromooctane	192	C8H17Br	000999-64-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
Data File : BP003388.D
Acq On : 25 Sep 2020 18:59
Operator : CG/JU
Sample : L4127-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-2(9-11)

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

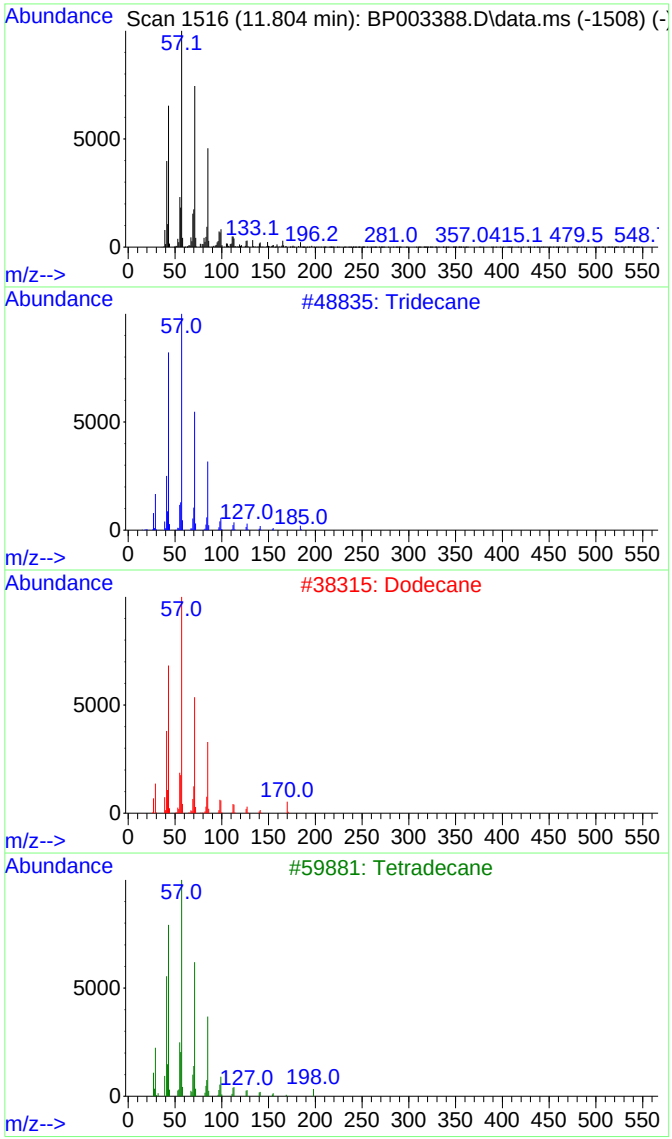
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

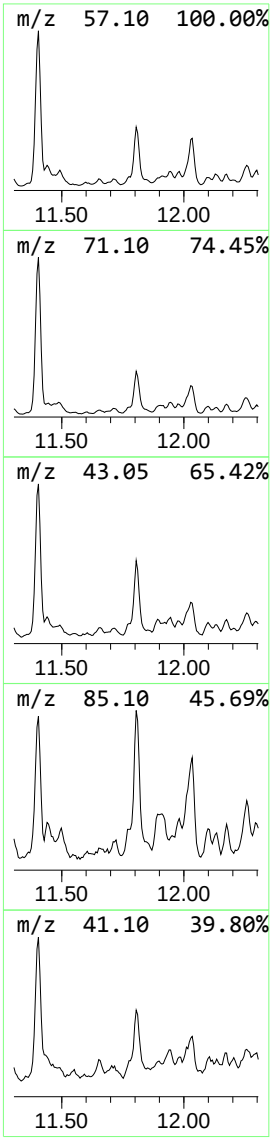
****

Peak Number 2 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.805	7.27 ng	563418	Naphthalene-d8	10.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Dodecane	170	C12H26	000112-40-3	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Nonadecane	268	C19H40	000629-92-5	86
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
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Misc :
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Instrument :
BNA_P
ClientSampleId :
B-2(9-11)

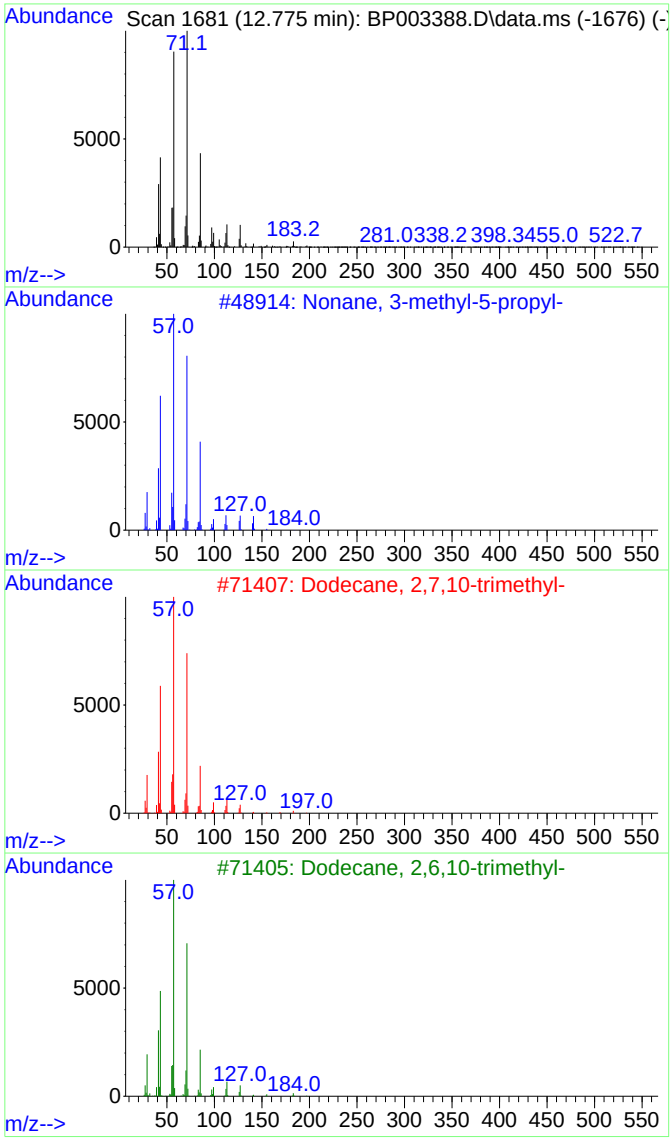
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

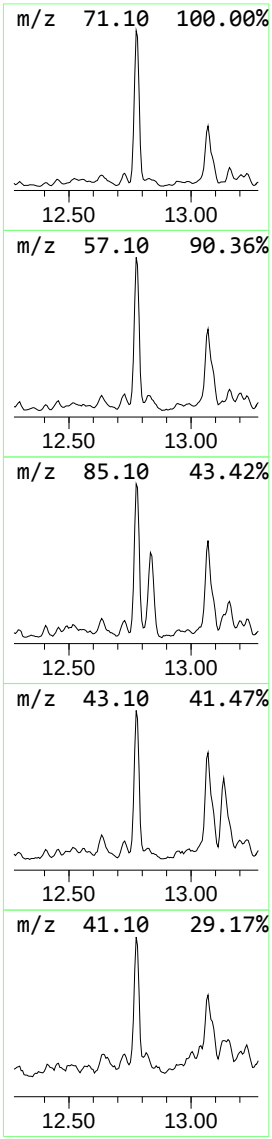
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Nonane, 3-methyl-5-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	10.22 ng	1129540	Acenaphthene-d10	14.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	78
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
Data File : BP003388.D
Acq On : 25 Sep 2020 18:59
Operator : CG/JU
Sample : L4127-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-2(9-11)

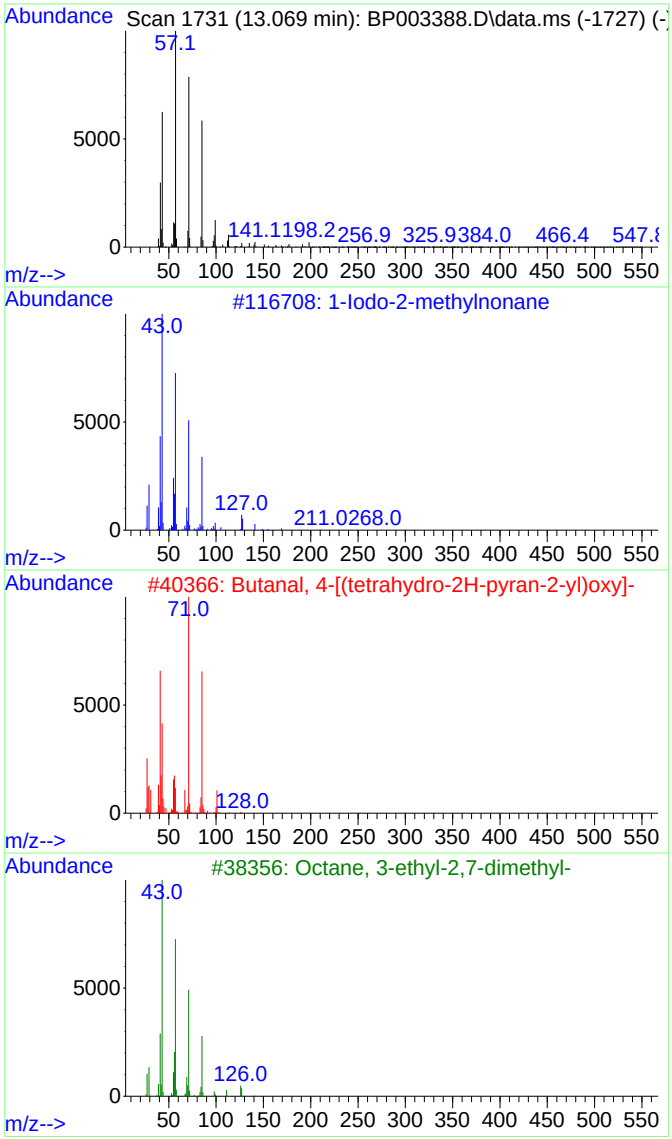
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

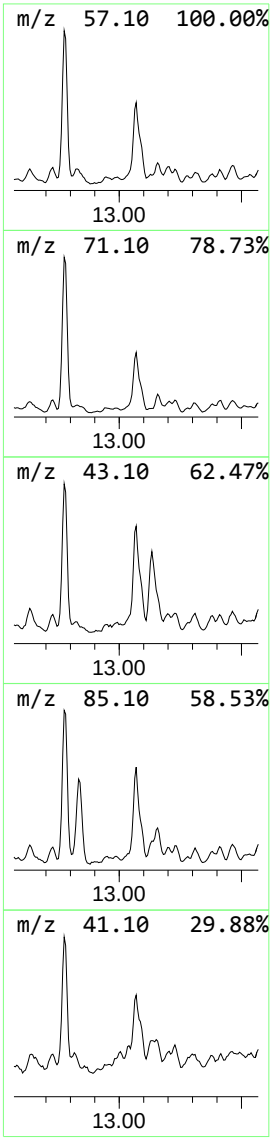
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Iodo-2-methylnonane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.069	4.90 ng	541333	Acenaphthene-d10	14.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	80
2	Butanal, 4-[(tetrahydro-2H-pyran...	172	C9H16O3	054911-85-2	64
3	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	64
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58
5	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
Data File : BP003388.D
Acq On : 25 Sep 2020 18:59
Operator : CG/JU
Sample : L4127-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2(9-11)

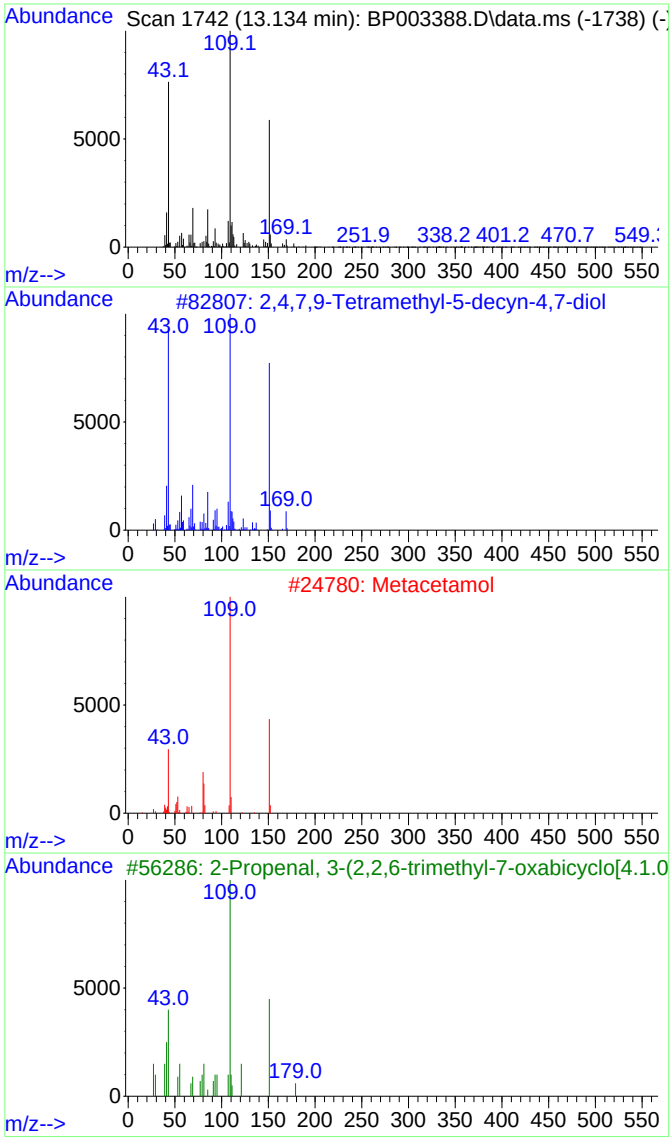
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

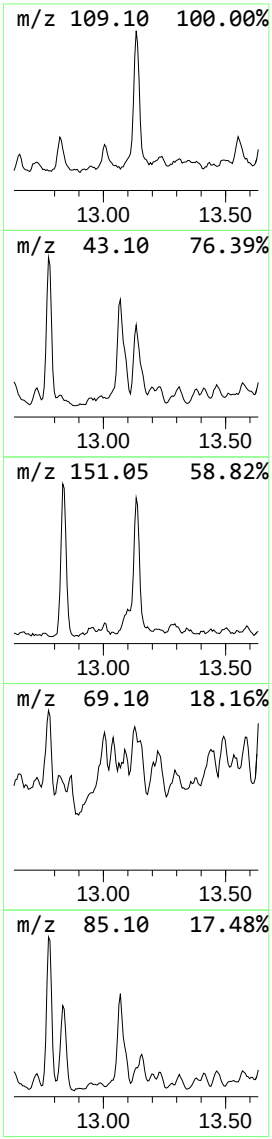
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.134	4.77 ng	527617	Acenaphthene-d10	14.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	83
2	Metacetamol	151	C8H9NO2	000621-42-1	59
3	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	39
4	N-Cyclopropyl-p-fluorobenzylamine	165	C10H12FN	1000250-88-9	38
5	Pyridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
Data File : BP003388.D
Acq On : 25 Sep 2020 18:59
Operator : CG/JU
Sample : L4127-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-2(9-11)

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

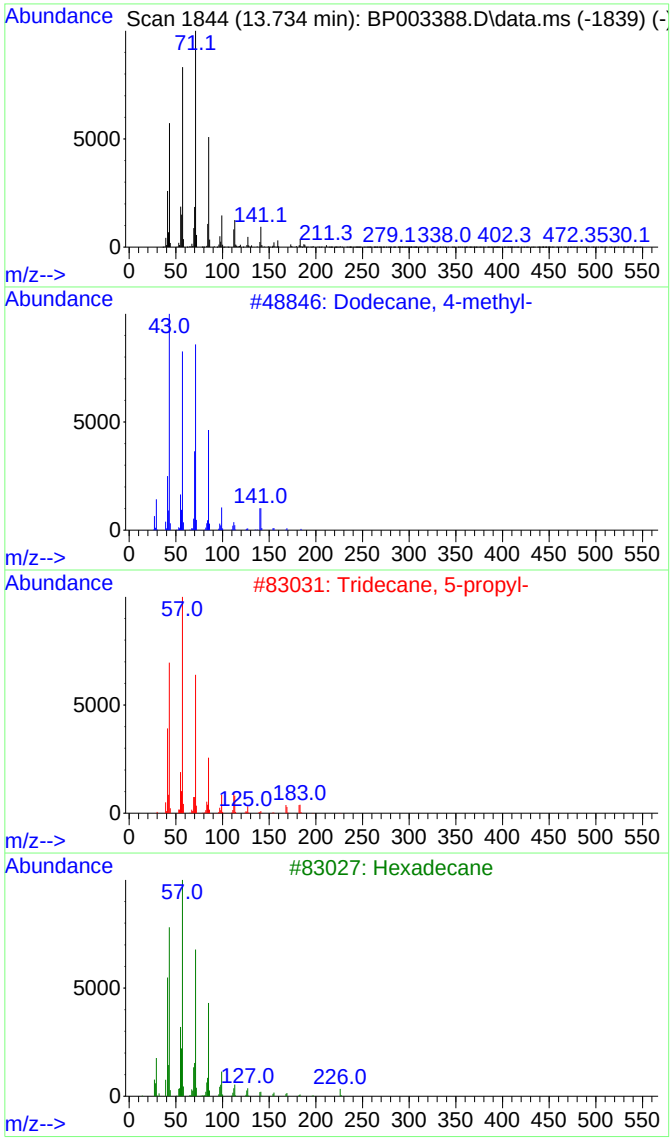
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

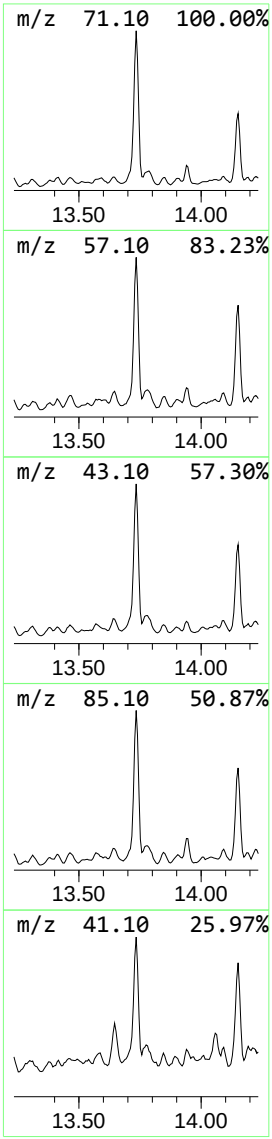
****

Peak Number 6 Dodecane, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.734	11.22 ng	1240360	Acenaphthene-d10	14.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	80
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	74
3	Hexadecane	226	C16H34	000544-76-3	72
4	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	64
5	Pentadecane	212	C15H32	000629-62-9	64





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Operator : CG/JU
Sample : L4127-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-2(9-11)

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

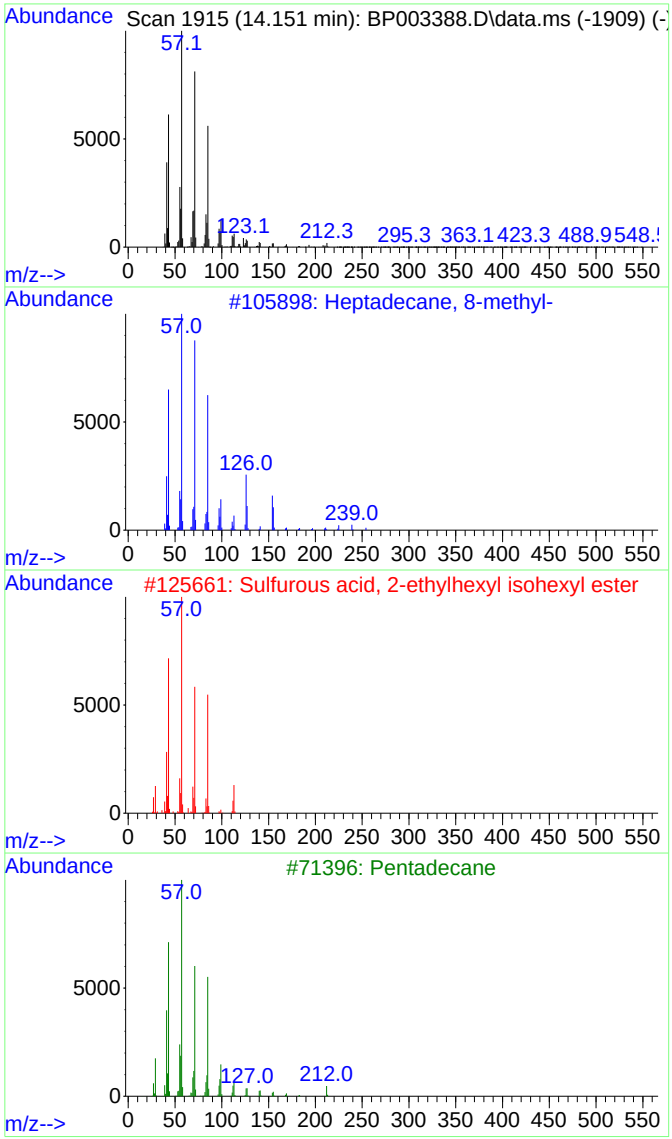
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

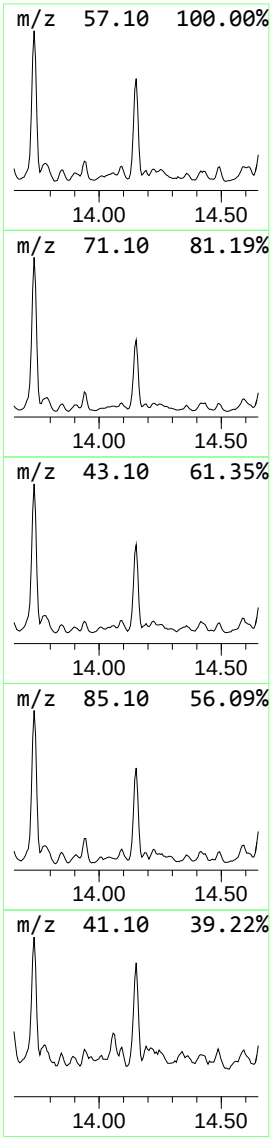
****

Peak Number 7 Heptadecane, 8-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.151	8.16 ng	901891	Acenaphthene-d10	14.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	86
2	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80
3	Pentadecane	212	C15H32	000629-62-9	62
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	59
5	1-Decene, 4-methyl-	154	C11H22	013151-29-6	58





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Acq On : 25 Sep 2020 18:59
Operator : CG/JU
Sample : L4127-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2(9-11)

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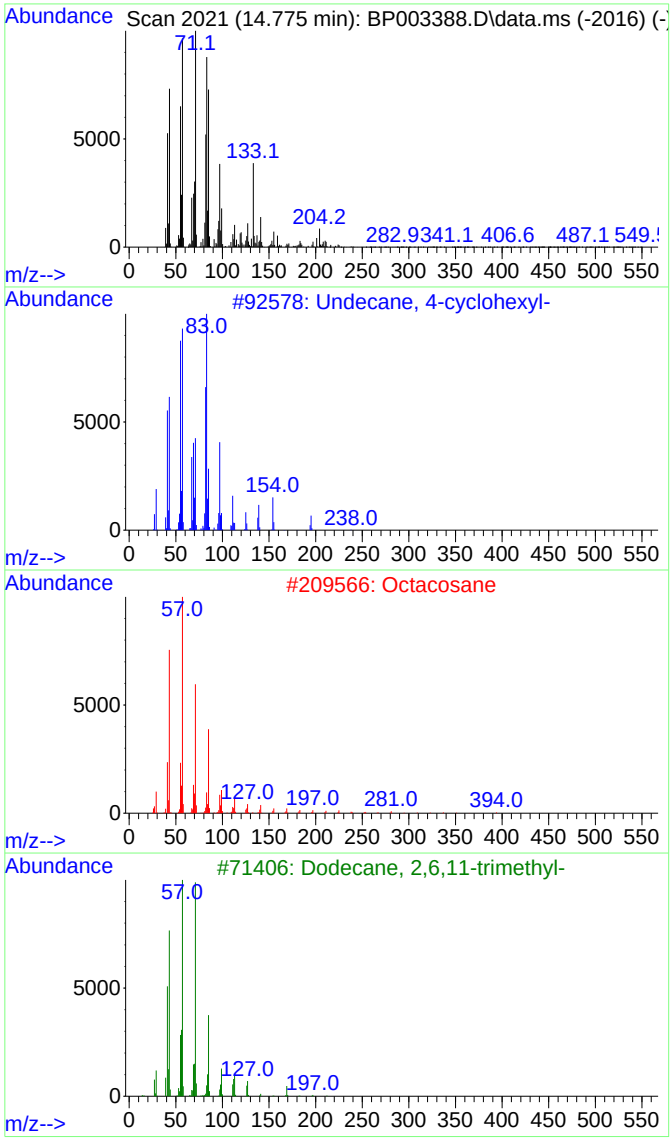
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

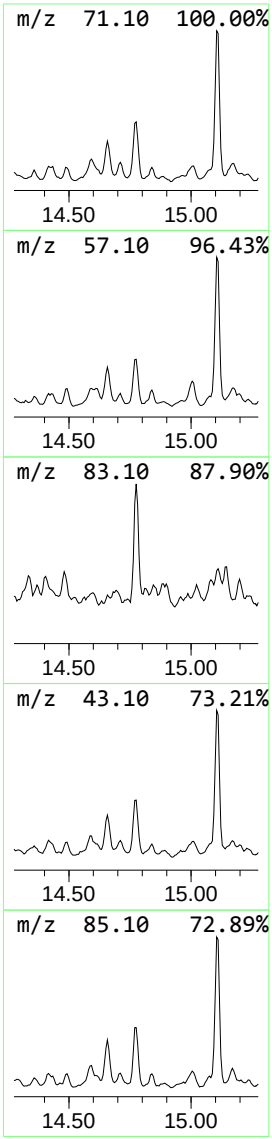
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 unknown14.775 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.775	5.87 ng	648447	Acenaphthene-d10	14.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-cyclohexyl-	238	C17H34	013151-79-6	46
2	Octacosane	394	C28H58	000630-02-4	38
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	38
4	Nonadecane	268	C19H40	000629-92-5	38
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	38





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Acq On : 25 Sep 2020 18:59
Operator : CG/JU
Sample : L4127-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2(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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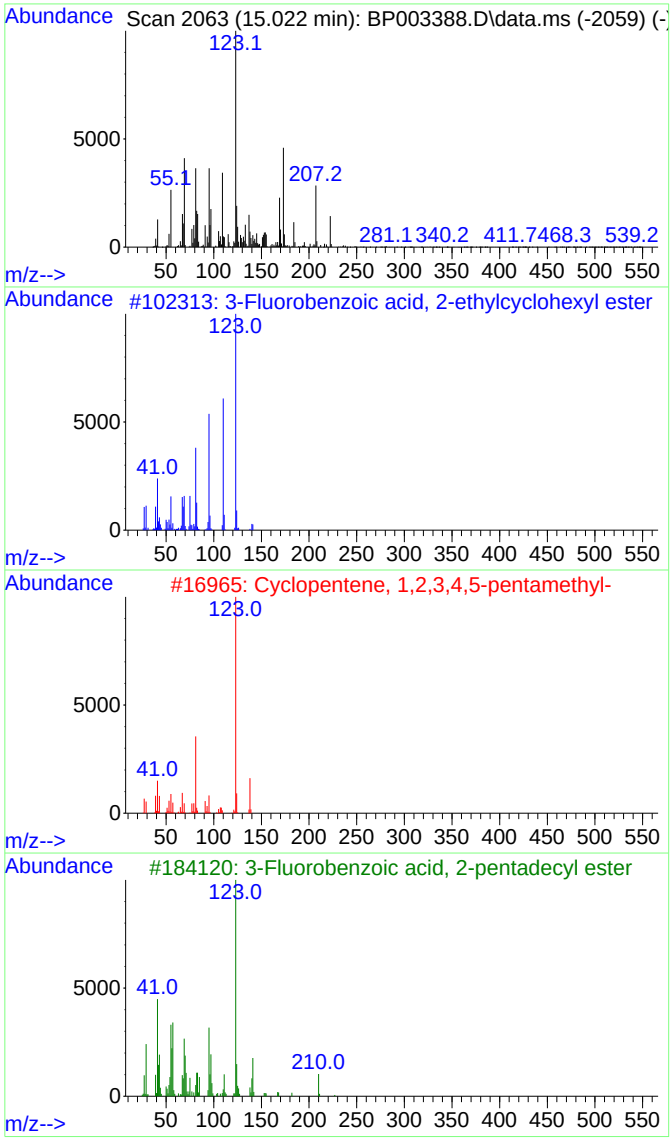
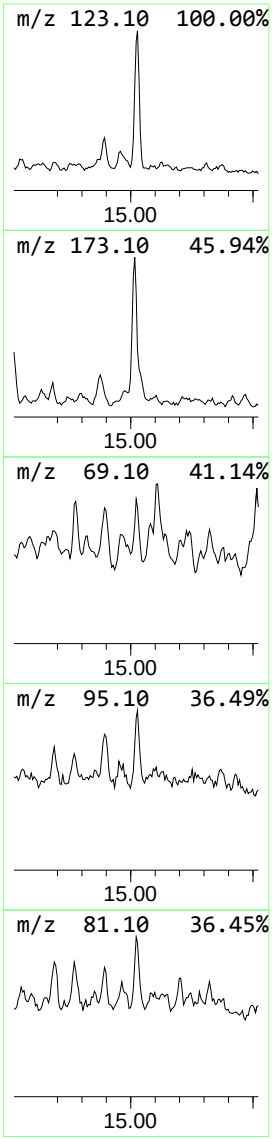
Peak Number 9 unknown15.022 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.022	3.67 ng	405331	Acenaphthene-d10	14.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-04-9	38
2	Cyclopentene, 1,2,3,4,5-pentamet...	138	C10H18	1000154-28-6	35
3	3-Fluorobenzoic acid, 2-pentadec...	350	C22H35FO2	1000280-60-7	35
4	3-Buten-2-one, 4-(4-hydroxy-2,2,...	224	C13H20O3	038274-01-0	35
5	3-Fluorobenzoic acid, undec-2-en...	292	C18H25FO2	1000292-60-8	35





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Operator : CG/JU
Sample : L4127-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-2(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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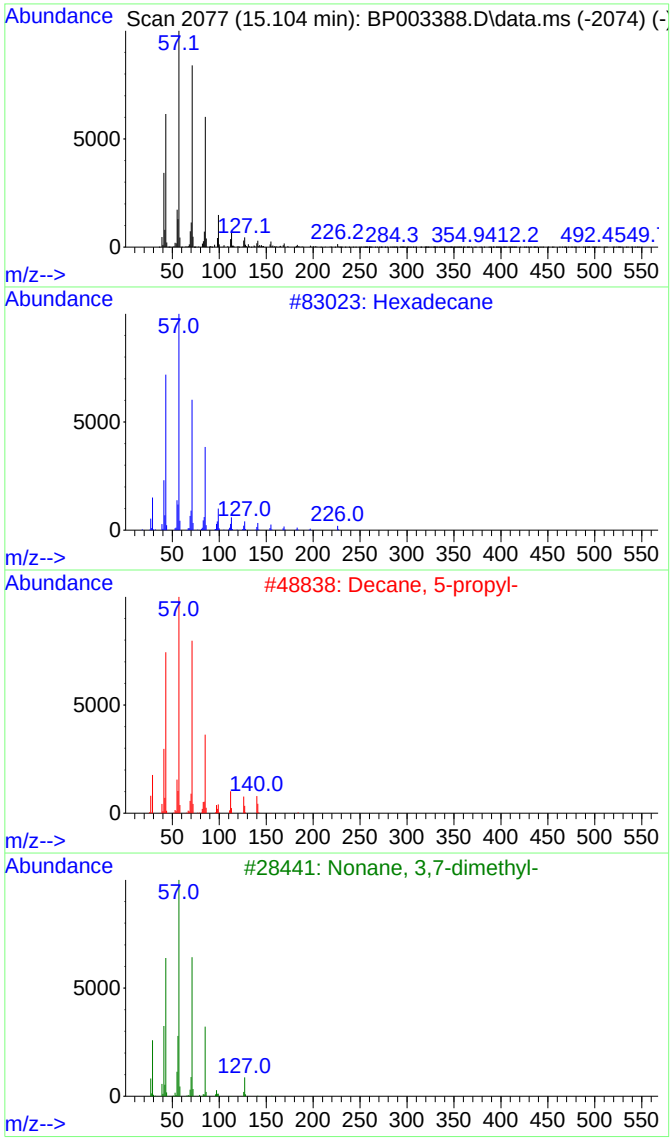
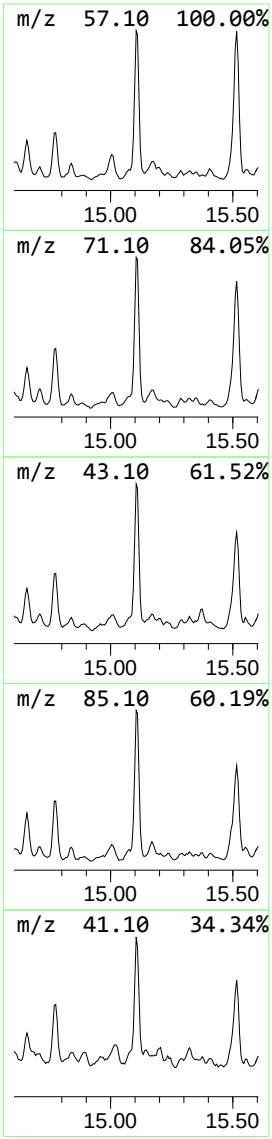
Peak Number 10 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	6.87 ng	759385	Acenaphthene-d10	14.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Decane, 5-propyl-	184	C13H28	017312-62-8	64
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58
4	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	52
5	Heptadecane	240	C17H36	000629-78-7	49





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Operator : CG/JU
Sample : L4127-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-2(9-11)

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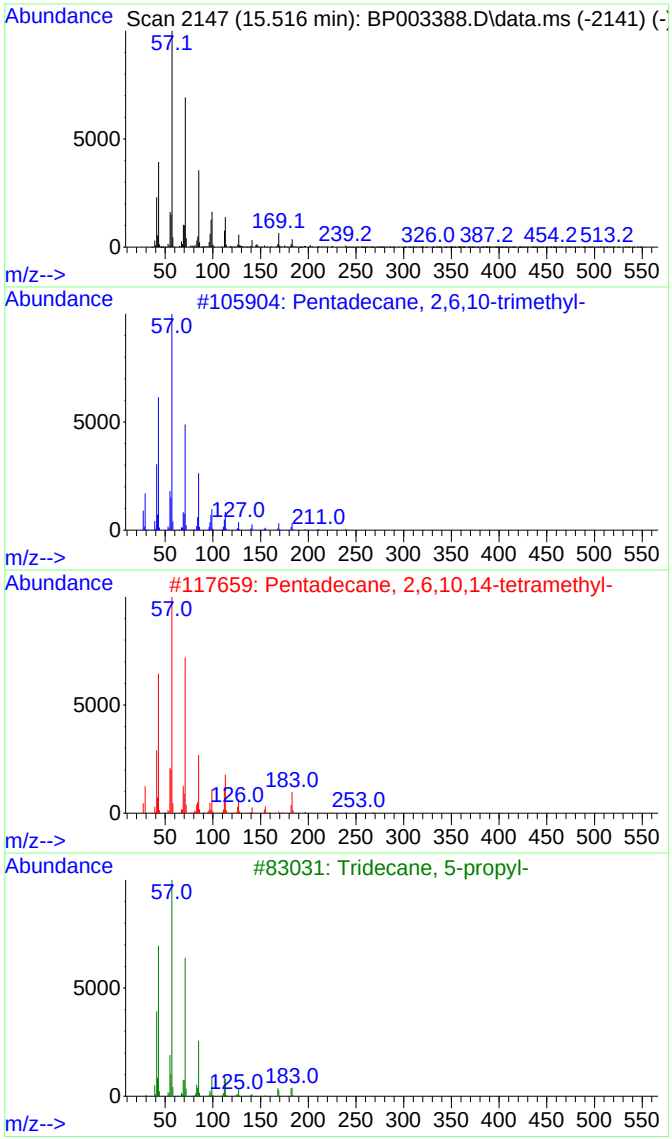
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

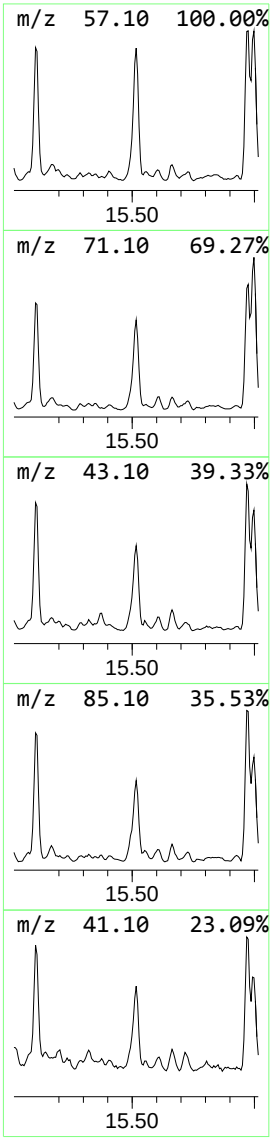
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Pentadecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.516	8.65 ng	955773	Acenaphthene-d10	14.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
4	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	87
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





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Operator : CG/JU
Sample : L4127-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-2(9-11)

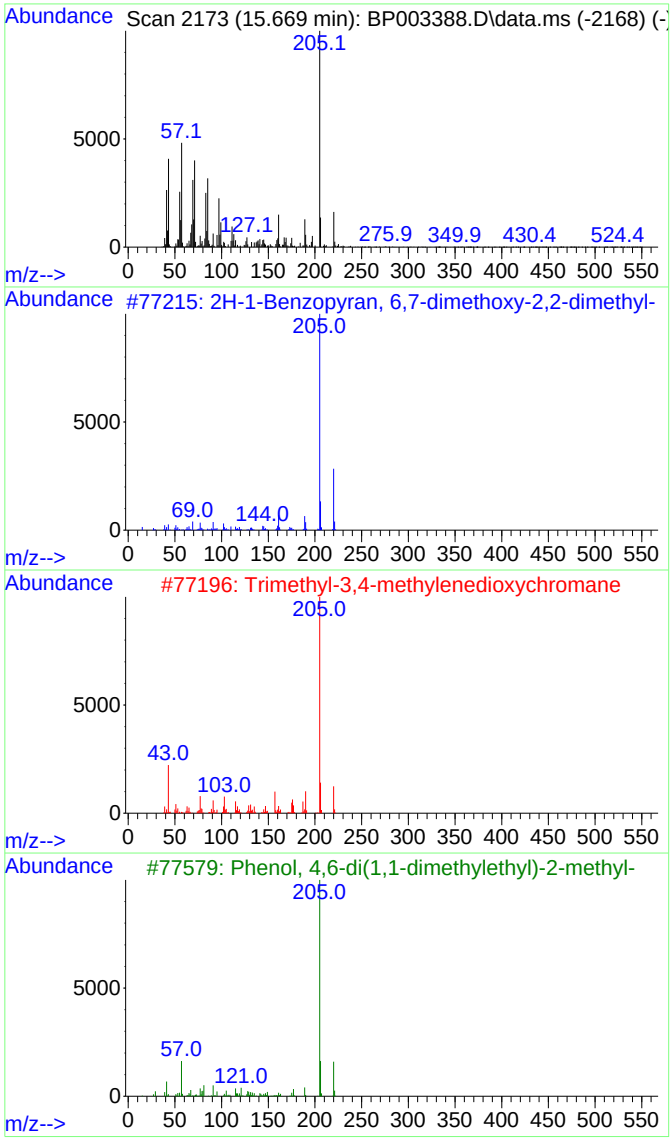
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

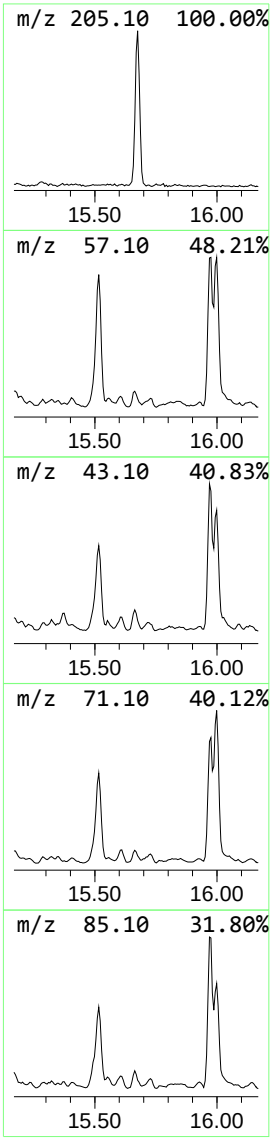
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 2H-1-Benzopyran, 6,7-dimeth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.669	3.61 ng	309846	Phenanthrene-d10	16.981

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1-Benzopyran, 6,7-dimethoxy-2...	220	C13H16O3	000644-06-4	55
2	Trimethyl-3,4-methylenedioxychro...	220	C13H16O3	1000378-97-7	35
3	Phenol, 4,6-di(1,1-dimethylethyl...	220	C15H24O	000616-55-7	35
4	Phenol, 2,4,6-tris(1-methylethyl)-	220	C15H24O	002934-07-8	35
5	Stypticin	237	C12H15NO4	059760-32-6	35





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-2(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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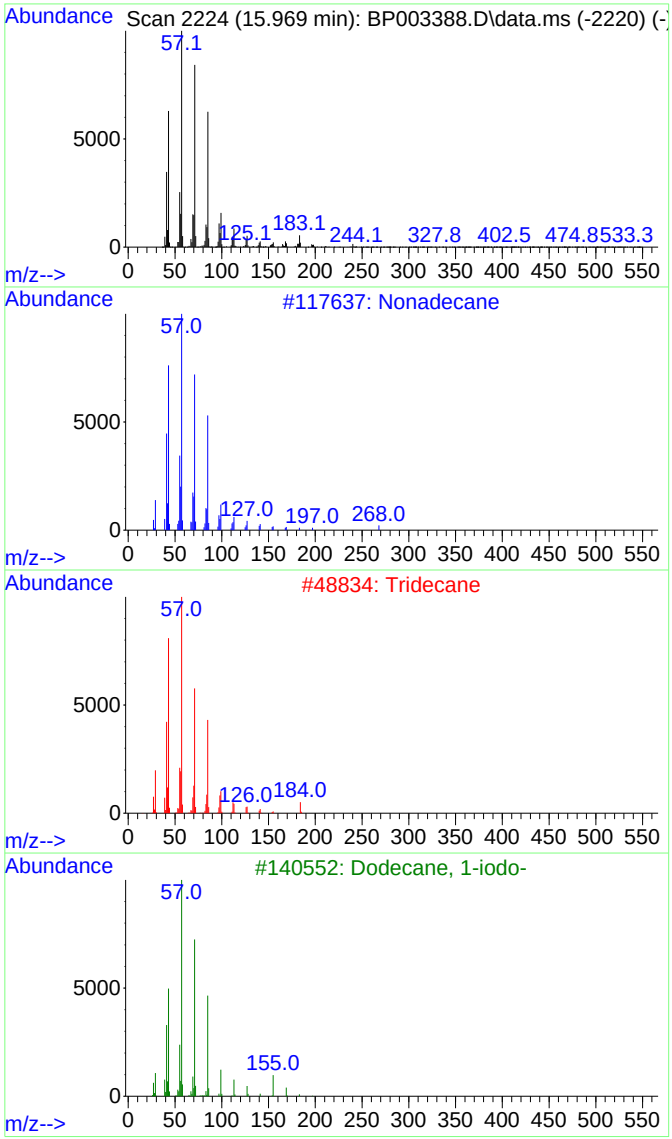
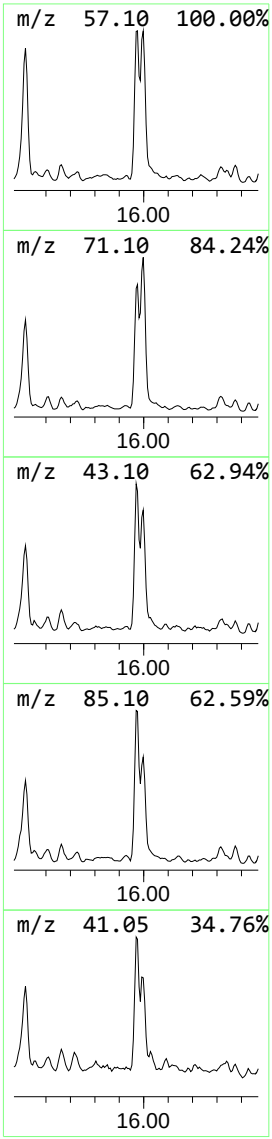
Peak Number 13 Nonadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.969	15.23 ng	1308810	Phenanthrene-d10	16.981

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tridecane	184	C13H28	000629-50-5	80
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	76





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-2(9-11)

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

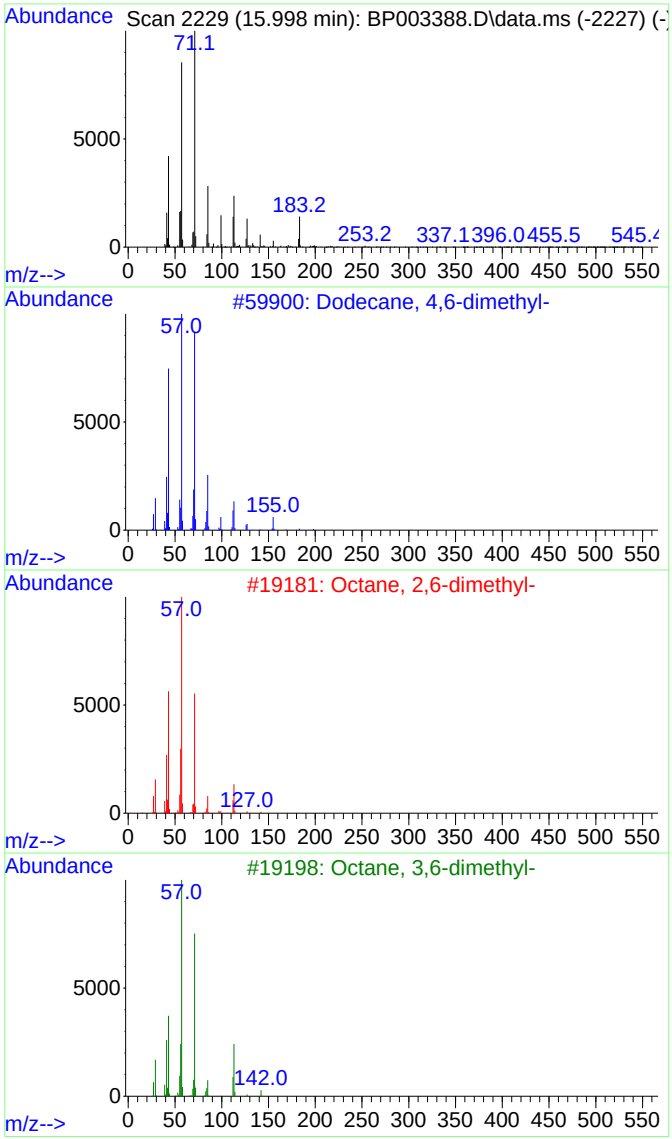
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

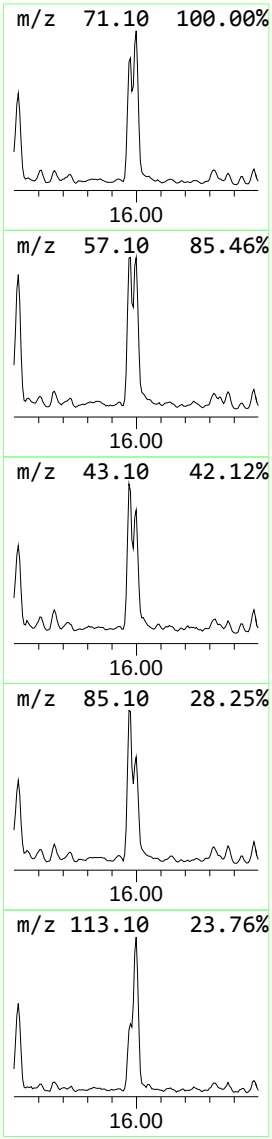
****

Peak Number 14 Dodecane, 4,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.998	9.14 ng	785996	Phenanthrene-d10	16.981

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53
4	Octane, 2-iodo-	240	C8H17I	000557-36-8	50
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	50





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Sample : L4127-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2(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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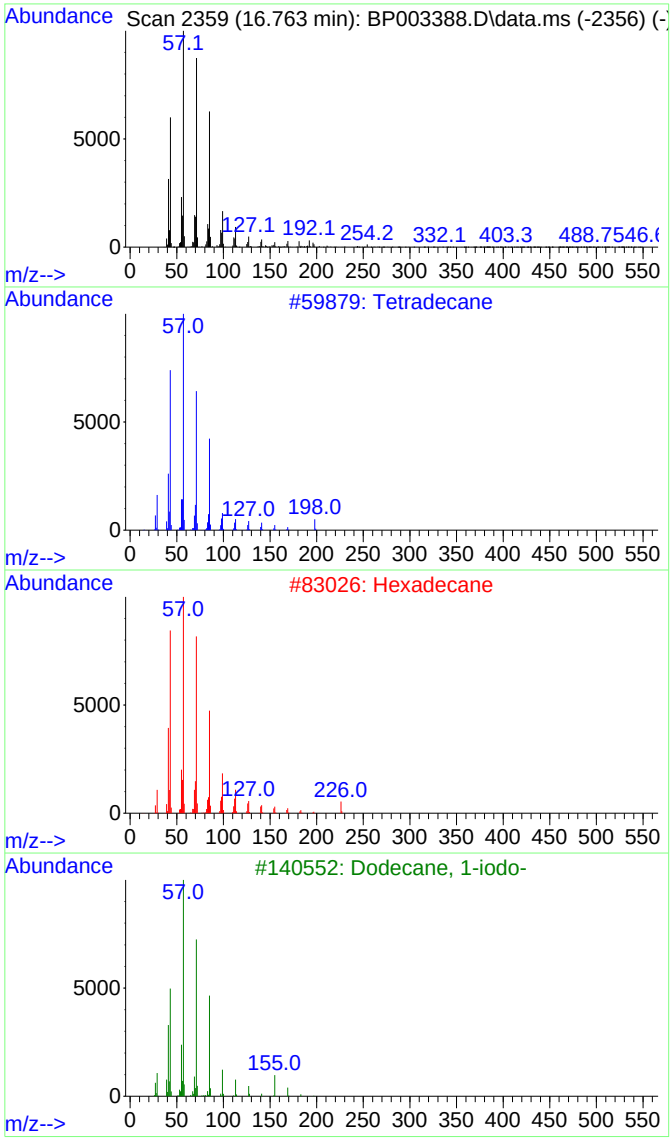
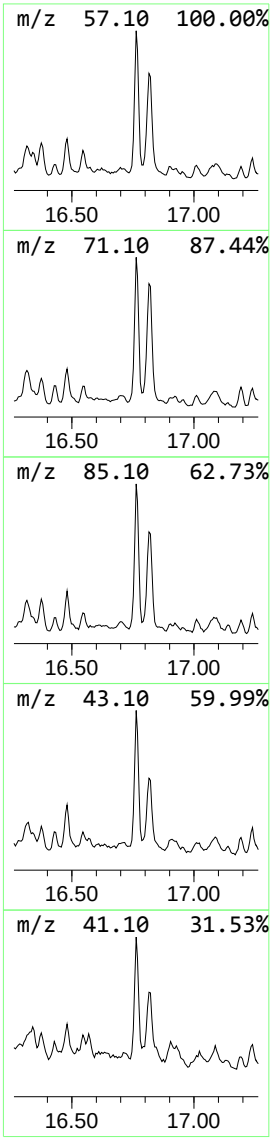
Peak Number 15 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.763	5.44 ng	467688	Phenanthrene-d10	16.981

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	76
5	Sulfurous acid, pentyl tridecyl ...	334	C18H38O3S	1000309-14-6	64





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-2(9-11)

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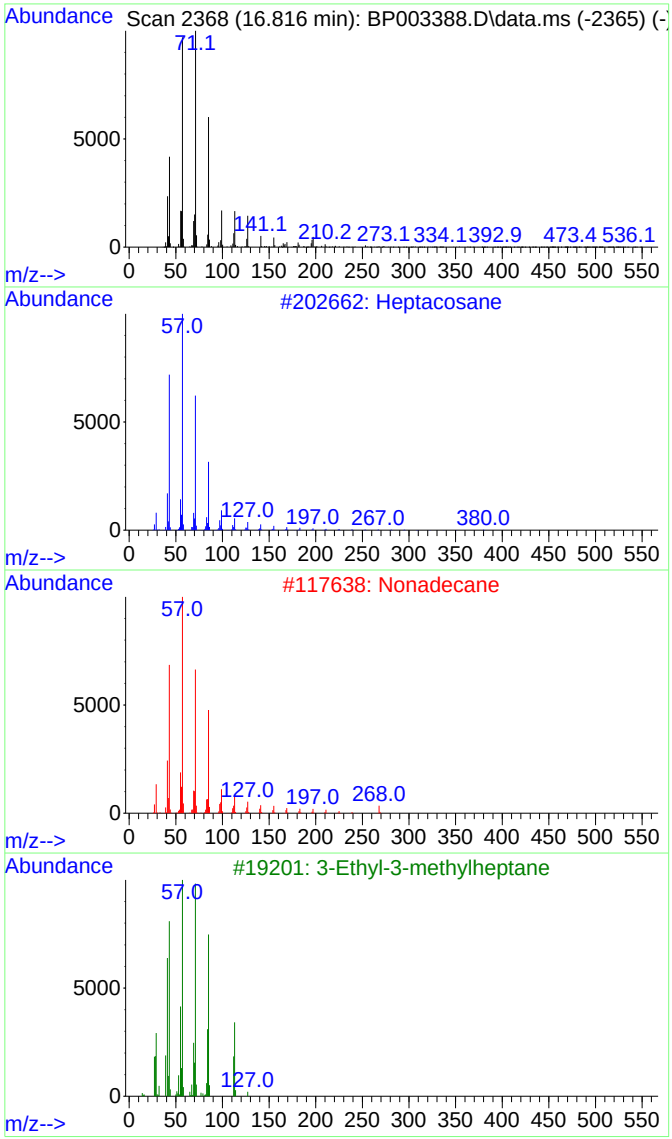
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

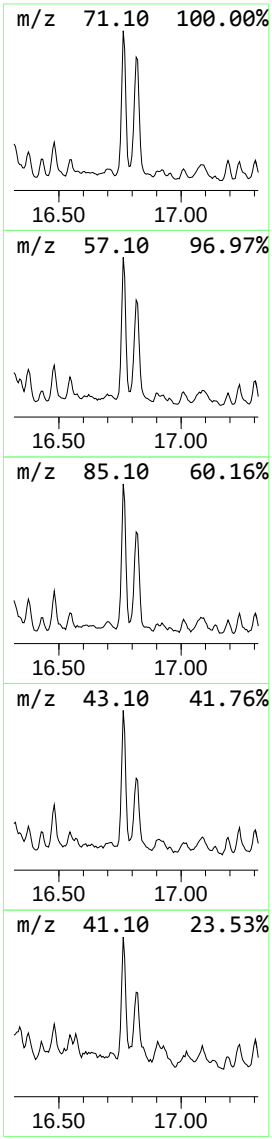
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.816	6.67 ng	573690	Phenanthrene-d10	16.981

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	64
2	Nonadecane	268	C19H40	000629-92-5	64
3	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	64
4	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	64
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64





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Data File : BP003388.D
Acq On : 25 Sep 2020 18:59
Operator : CG/JU
Sample : L4127-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-2(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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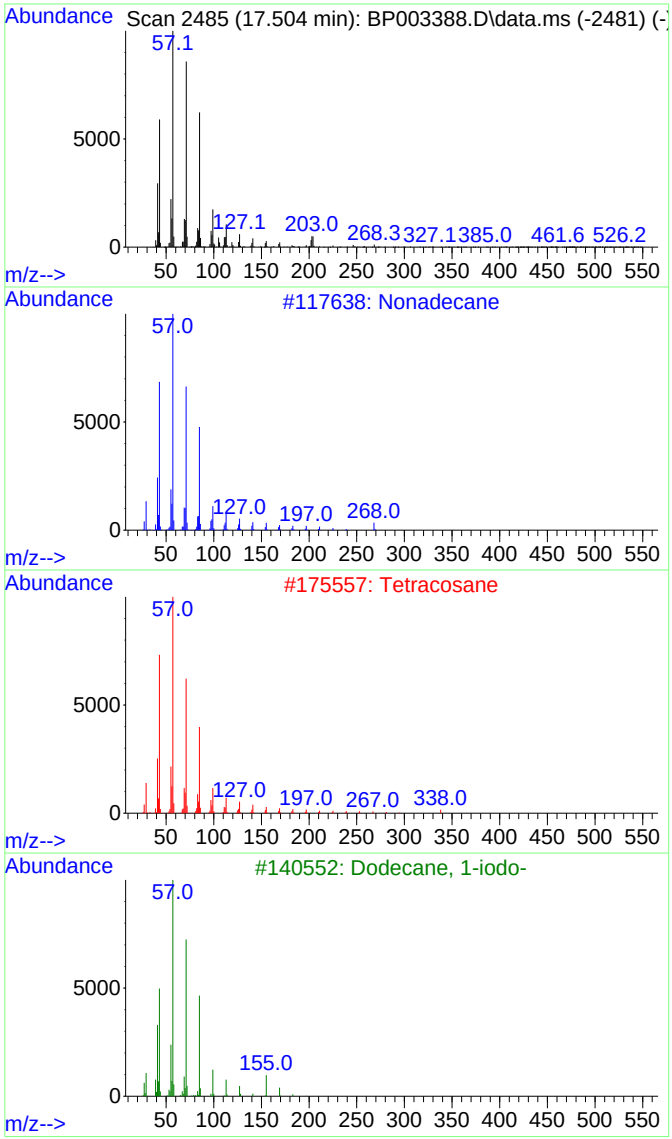
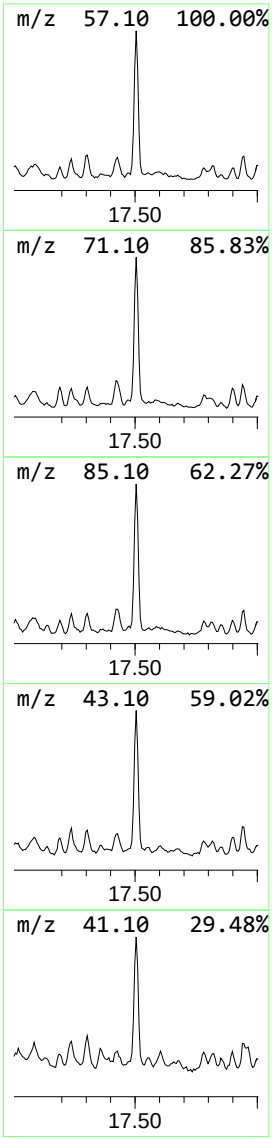
Peak Number 17 Tetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.504	6.02 ng	517040	Phenanthrene-d10	16.981

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Tetracosane	338	C24H50	000646-31-1	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Heptacosane	380	C27H56	000593-49-7	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
Data File : BP003388.D
Acq On : 25 Sep 2020 18:59
Operator : CG/JU
Sample : L4127-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2(9-11)

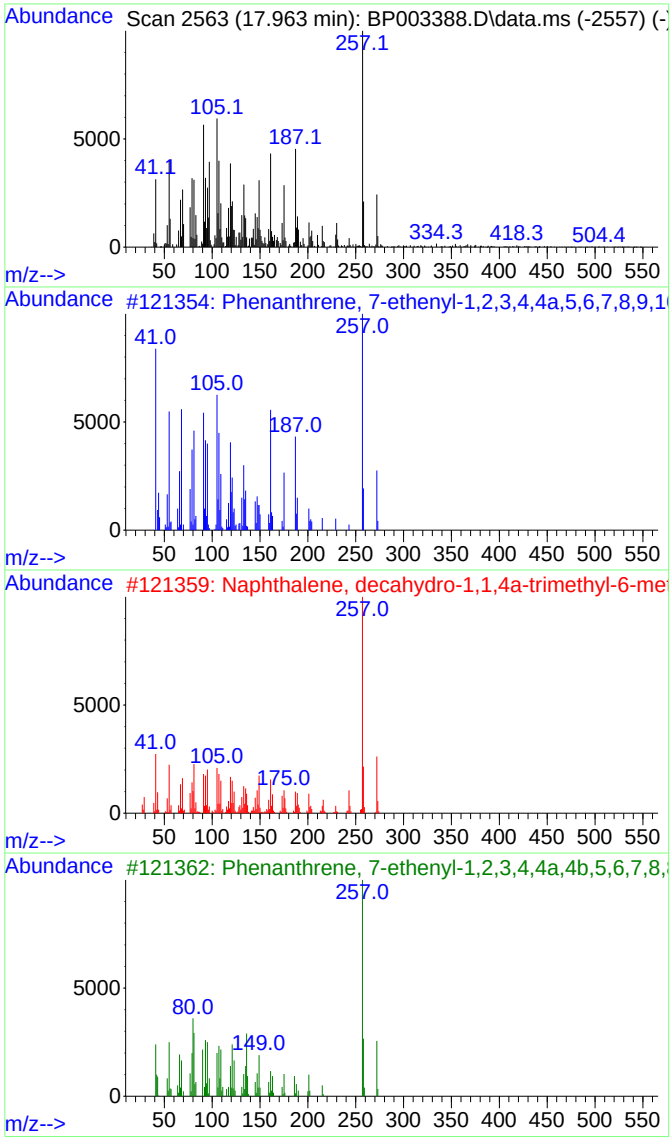
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

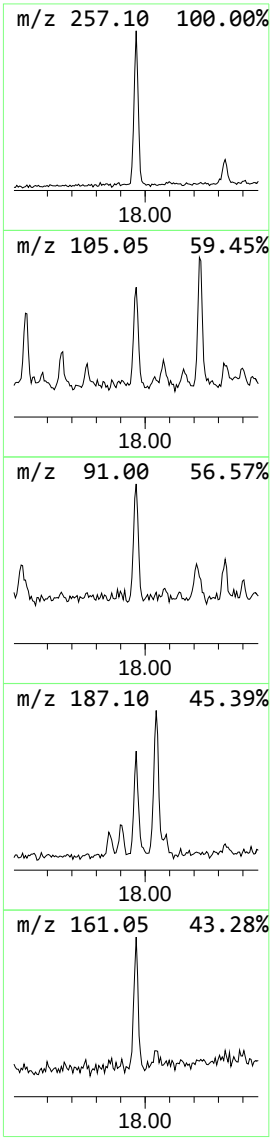
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenanthrene, 7-ethenyl-1,2... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.963	3.62 ng	311462	Phenanthrene-d10	16.981

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 7-ethenyl-1,2,3,4,...	272	C20H32	055255-56-6	99
2	Naphthalene, decahydro-1,1,4a-tr...	272	C20H32	000511-02-4	81
3	Phenanthrene, 7-ethenyl-1,2,3,4,...	272	C20H32	001686-67-5	42
4	Atis-16-ene, (5.beta.,8.alpha.,9...	272	C20H32	020230-48-2	38
5	Benz[c]acridine, 5,9-dimethyl-	257	C19H15N	003518-03-4	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
Data File : BP003388.D
Acq On : 25 Sep 2020 18:59
Operator : CG/JU
Sample : L4127-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2(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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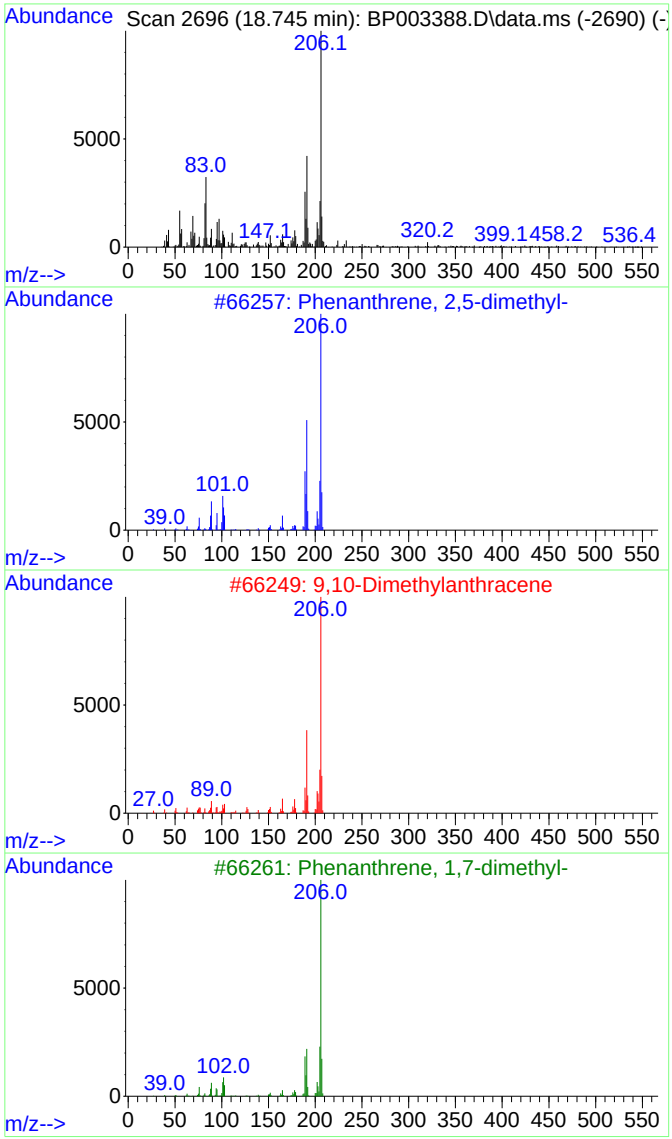
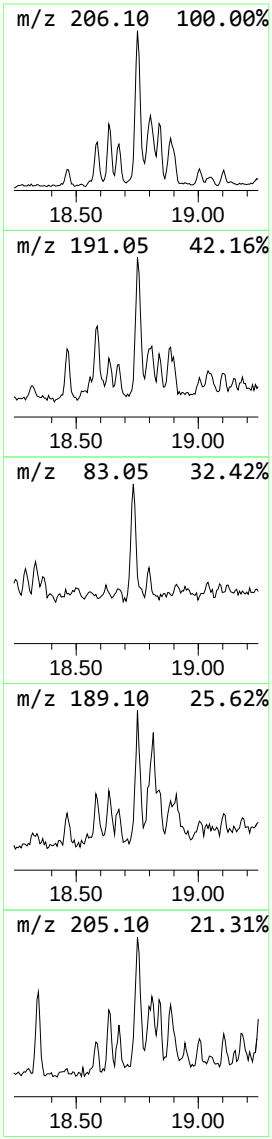
Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.745	3.36 ng	288565	Phenanthrene-d10	16.981

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
Data File : BP003388.D
Acq On : 25 Sep 2020 18:59
Operator : CG/JU
Sample : L4127-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2(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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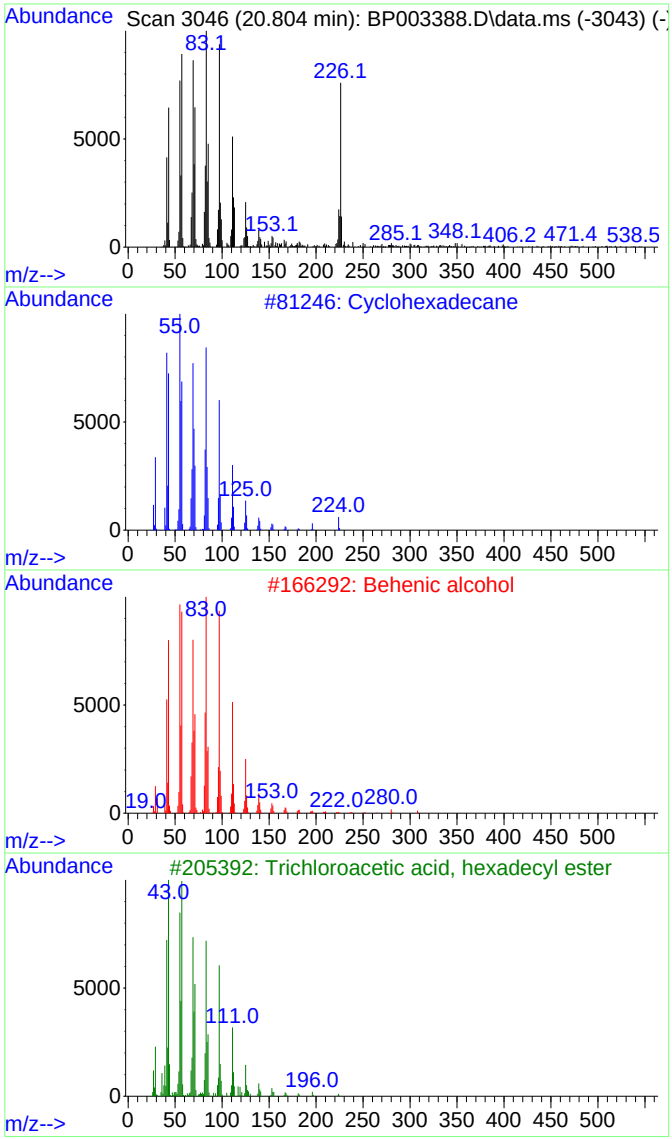
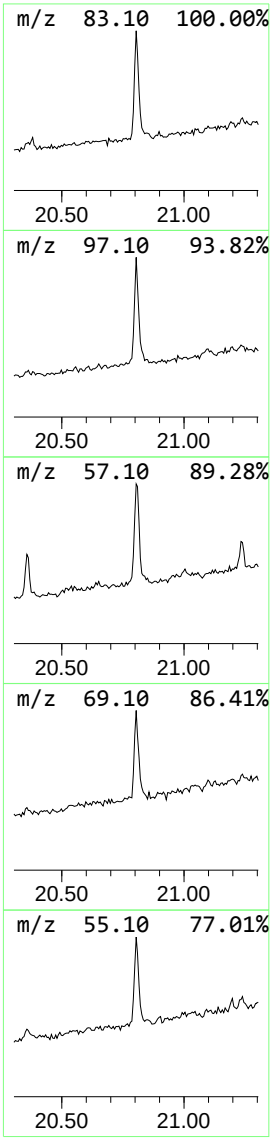
Peak Number 20 Cyclohexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.804	4.53 ng	506357	Chrysene-d12	21.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	89
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	76
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	76
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
Data File : BP003388.D
Acq On : 25 Sep 2020 18:59
Operator : CG/JU
Sample : L4127-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-2(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...	11.405	11.2	ng	864066	2	10.346	1549160	20.0
Tridecane	11.805	7.3	ng	563418	2	10.346	1549160	20.0
Nonane, 3-methy...	12.775	10.2	ng	1129540	3	14.222	2210490	20.0
1-Iodo-2-methyl...	13.069	4.9	ng	541333	3	14.222	2210490	20.0
2,4,7,9-Tetrame...	13.134	4.8	ng	527617	3	14.222	2210490	20.0
Dodecane, 4-met...	13.734	11.2	ng	1240360	3	14.222	2210490	20.0
Heptadecane, 8-...	14.151	8.2	ng	901891	3	14.222	2210490	20.0
unknown14.775	14.775	5.9	ng	648447	3	14.222	2210490	20.0
unknown15.022	15.022	3.7	ng	405331	3	14.222	2210490	20.0
Hexadecane	15.104	6.9	ng	759385	3	14.222	2210490	20.0
Pentadecane, 2,...	15.516	8.7	ng	955773	3	14.222	2210490	20.0
2H-1-Benzopyran...	15.669	3.6	ng	309846	4	16.981	1718970	20.0
Nonadecane	15.969	15.2	ng	1308810	4	16.981	1718970	20.0
Dodecane, 4,6-d...	15.998	9.1	ng	785996	4	16.981	1718970	20.0
Tetradecane	16.763	5.4	ng	467688	4	16.981	1718970	20.0
Heptacosane	16.816	6.7	ng	573690	4	16.981	1718970	20.0
Tetracosane	17.504	6.0	ng	517040	4	16.981	1718970	20.0
Phenanthrene, 7...	17.963	3.6	ng	311462	4	16.981	1718970	20.0
Phenanthrene, 2...	18.745	3.4	ng	288565	4	16.981	1718970	20.0
Cyclohexadecane	20.804	4.5	ng	506357	5	21.081	2233580	20.0