LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
Data File : BP002683.D
Acq On : 08 Jul 2020 19:43
Operator : CG/JU
Sample : L3203-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-06

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-BP062920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.193	385	392	408	rBV	2286351	3682635	40.88%	4.745%
2	6.769	653	660	676	rBV	2550385	4379012	48.61%	5.643%
3	7.564	788	795	805	rBV	730644	1192813	13.24%	1.537%
4	7.887	842	850	864	rBV	2135660	3572330	39.65%	4.603%
5	8.710	980	990	1009	rBV	1684205	2933599	32.56%	3.780%
6	10.340	1259	1267	1287	rBV	1013576	1805745	20.04%	2.327%
7	11.399	1441	1447	1460	rBV2	51998	112073	1.24%	0.144%
8	11.804	1507	1516	1526	rBV	174142	296832	3.29%	0.382%
9	12.634	1652	1657	1666	rBV2	72358	126448	1.40%	0.163%
10	12.775	1676	1681	1684	rVV	143799	189411	2.10%	0.244%
11	12.834	1684	1691	1708	rVB	3943674	6280956	69.72%	8.094%
12	13.069	1722	1731	1739	rBV	515459	803999	8.92%	1.036%
13	13.375	1778	1783	1793	rBV	101060	279677	3.10%	0.360%
14	13.540	1806	1811	1815	rBV	145606	234819	2.61%	0.303%
15	13.593	1815	1820	1825	rVV3	150440	236528	2.63%	0.305%
16	13.646	1825	1829	1831	rVV	128264	175622	1.95%	0.226%
17	13.681	1831	1835	1839	rVV	456967	692101	7.68%	0.892%
18	13.734	1841	1844	1848	rVV	288192	428036	4.75%	0.552%
19	13.775	1848	1851	1860	rVB2	186786	325159	3.61%	0.419%
20	13.851	1860	1864	1868	rBV	80557	114543	1.27%	0.148%
21	13.946	1876	1880	1887	rBV4	64774	98677	1.10%	0.127%
22	14.057	1895	1899	1903	rVB2	73818	97240	1.08%	0.125%
23	14.151	1910	1915	1920	rBV	874814	1150470	12.77%	1.482%
24	14.216	1920	1926	1933	rVV	1641922	2539871	28.19%	3.273%
25	14.434	1959	1963	1971	rVB2	76757	175126	1.94%	0.226%
26	14.622	1987	1995	1999	rBV4	140974	365798	4.06%	0.471%
27	14.657	1999	2001	2005	rVV	103367	143714	1.60%	0.185%
28	14.710	2006	2010	2015	rVB2	144177	221962	2.46%	0.286%
29	14.775	2017	2021	2027	rVB3	267982	382553	4.25%	0.493%
30	14.845	2029	2033	2039	rBV2	176974	351583	3.90%	0.453%
31	14.898	2039	2042	2047	rVB	139828	206365	2.29%	0.266%
32	14.951	2047	2051	2056	rBV7	49211	112080	1.24%	0.144%
33	15.022	2057	2063	2066	rBV3	139856	240810	2.67%	0.310%
34	15.110	2074	2078	2085	rBV	1027612	1330018	14.76%	1.714%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
Data File : BP002683.D
Acq On : 08 Jul 2020 19:43
Operator : CG/JU
Sample : L3203-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-06

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-BP062920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.328	2112	2115	2122	rVB4	103213	169946	1.89%	0.219%
36	15.522	2140	2148	2153	rBV	472200	913045	10.13%	1.177%
37	15.616	2161	2164	2169	rVB2	103196	132926	1.48%	0.171%
38	15.675	2170	2174	2176	rBV2	134895	190105	2.11%	0.245%
39	15.722	2176	2182	2190	rVB	3003237	4640724	51.51%	5.980%
40	15.981	2221	2226	2228	rBV	1322956	1705100	18.93%	2.197%
41	16.004	2228	2230	2238	rVB	846838	1128204	12.52%	1.454%
42	16.328	2281	2285	2292	rBV3	111709	249212	2.77%	0.321%
43	16.387	2292	2295	2300	rVB2	131608	164885	1.83%	0.212%
44	16.492	2310	2313	2316	rBV2	94060	133648	1.48%	0.172%
45	16.557	2321	2324	2326	rBV	73183	90860	1.01%	0.117%
46	16.645	2333	2339	2348	rBV	1404098	2239832	24.86%	2.886%
47	16.775	2357	2361	2366	rBV	1194528	1481826	16.45%	1.909%
48	16.828	2366	2370	2379	rVB	492254	781671	8.68%	1.007%
49	16.975	2390	2395	2400	rBV	1964530	2812595	31.22%	3.624%
50	17.016	2400	2402	2409	rVB	285266	382092	4.24%	0.492%
51	17.439	2470	2474	2478	rBV	137644	195911	2.17%	0.252%
52	17.516	2483	2487	2492	rVB	1055695	1267425	14.07%	1.633%
53	17.904	2549	2553	2558	rVB3	219139	292424	3.25%	0.377%
54	18.198	2599	2603	2607	rVB	970210	1086796	12.06%	1.400%
55	18.592	2667	2670	2673	rVB2	95878	107545	1.19%	0.139%
56	18.639	2674	2678	2683	rBV2	435567	576279	6.40%	0.743%
57	18.751	2695	2697	2702	rVB	153607	179589	1.99%	0.231%
58	18.810	2703	2707	2711	rVB	760814	884240	9.81%	1.139%
59	19.004	2737	2740	2744	rBV	249298	302976	3.36%	0.390%
60	19.375	2797	2803	2810	rVB2	585745	930836	10.33%	1.199%
61	19.569	2831	2836	2846	rVB	6639853	9009326	100.00%	11.609%
62	19.898	2888	2892	2897	rVB	321862	350095	3.89%	0.451%
63	20.380	2970	2974	2979	rBV	198340	210939	2.34%	0.272%
64	20.822	3045	3049	3056	rBV	1055183	1475777	16.38%	1.902%
65	21.086	3088	3094	3098	rBV	3140777	4022594	44.65%	5.183%
66	21.122	3098	3100	3104	rVB	157630	163798	1.82%	0.211%
67	21.263	3121	3124	3127	rVB	94305	93226	1.03%	0.120%
68	23.280	3461	3467	3488	rVB2	1928831	3675540	40.80%	4.736%
69	23.927	3573	3577	3588	rVB2	137601	283590	3.15%	0.365%

Sum of corrected areas: 77604182

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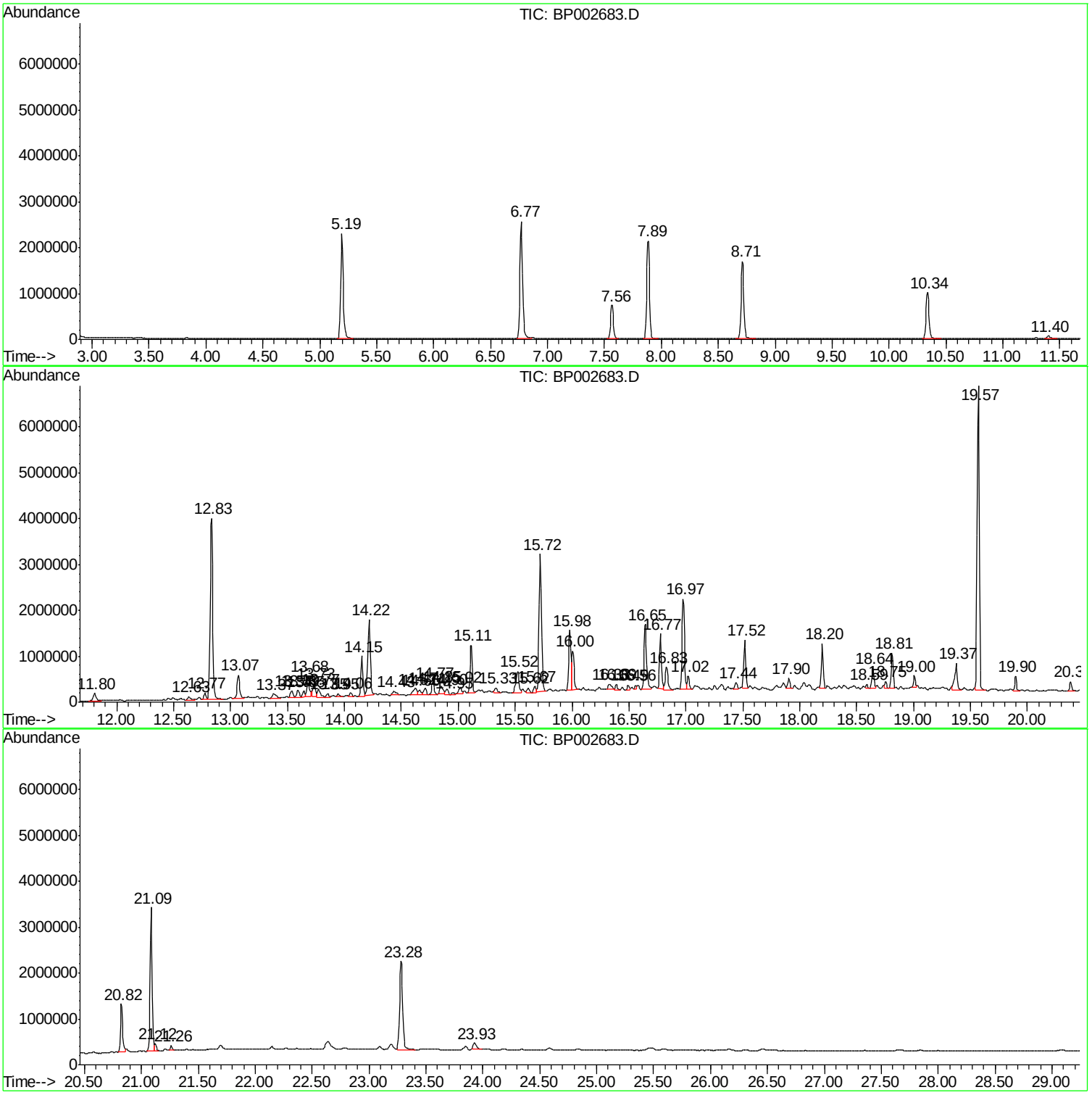
Operator : CG/JU
Sample : L3203-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
Data File : BP002683.D
Acq On : 08 Jul 2020 19:43
Operator : CG/JU
Sample : L3203-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

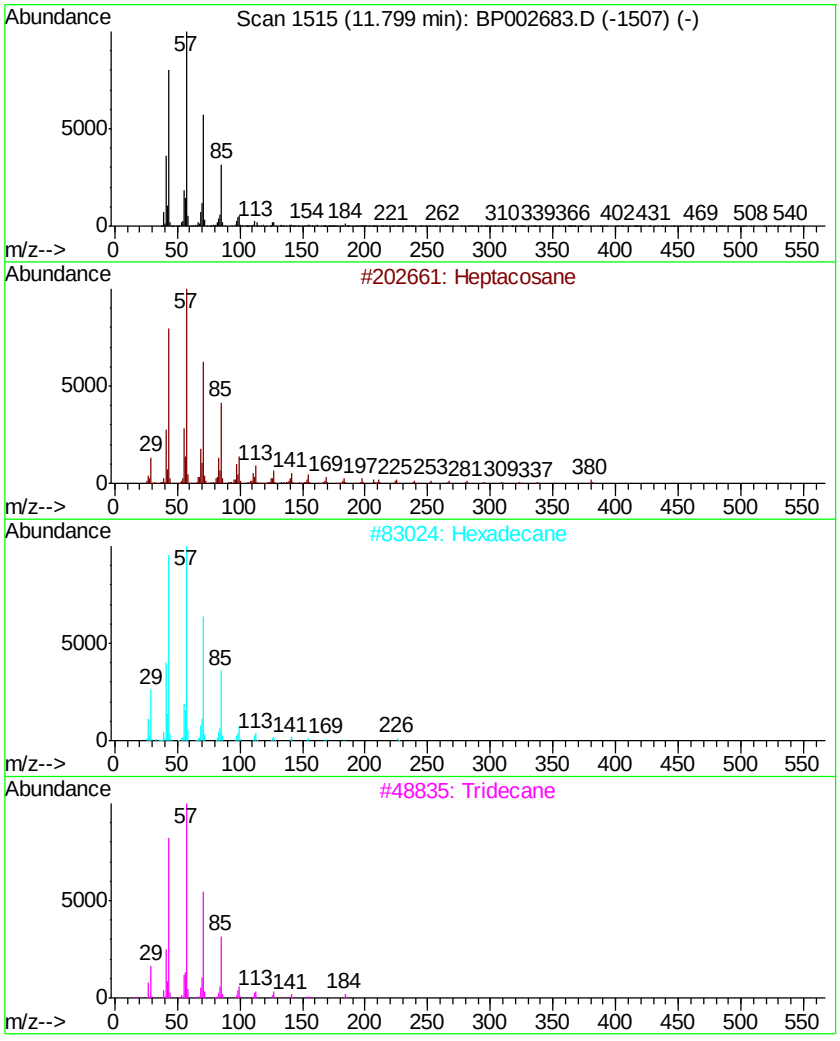
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

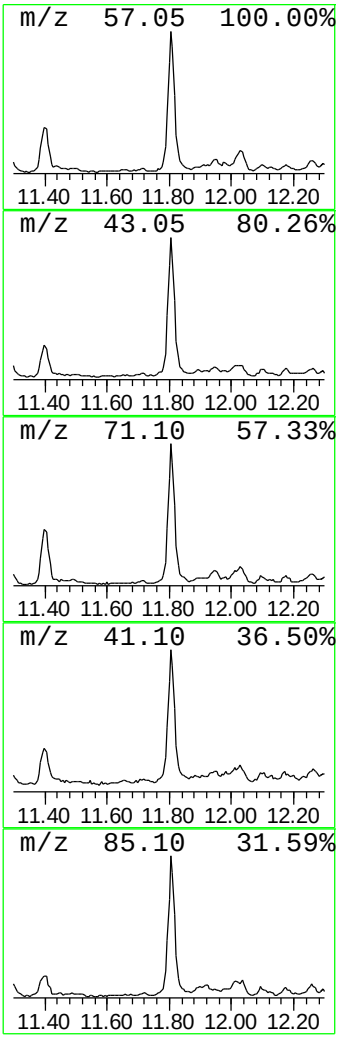
****

Peak Number 2 Heptacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	3.29 ng	296832	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
Data File : BP002683.D
Acq On : 08 Jul 2020 19:43
Operator : CG/JU
Sample : L3203-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

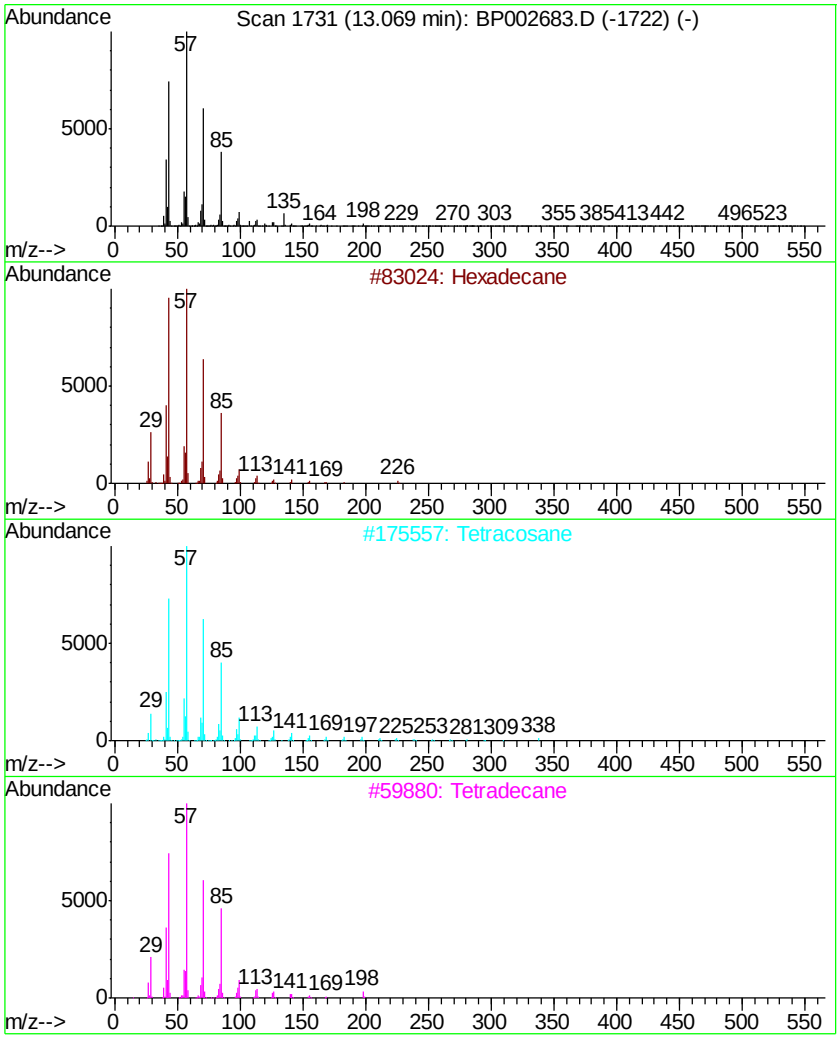
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

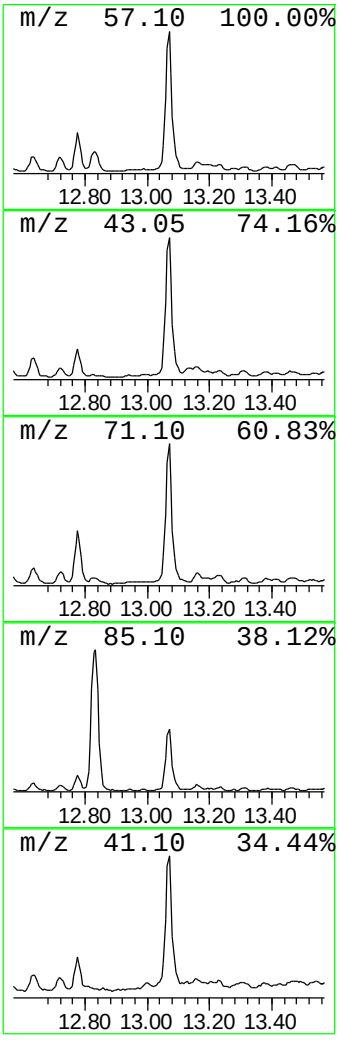
****

Peak Number 3 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	6.33 ng	803999	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Tetracosane	338	C24H50	000646-31-1	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Heptacosane	380	C27H56	000593-49-7	87
5	Octacosane	394	C28H58	000630-02-4	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
Data File : BP002683.D
Acq On : 08 Jul 2020 19:43
Operator : CG/JU
Sample : L3203-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

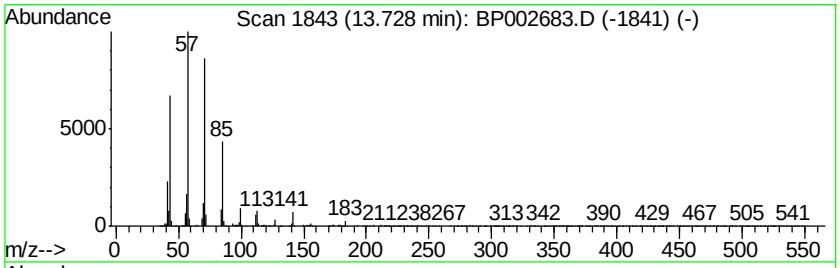
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

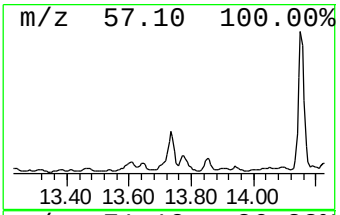
****

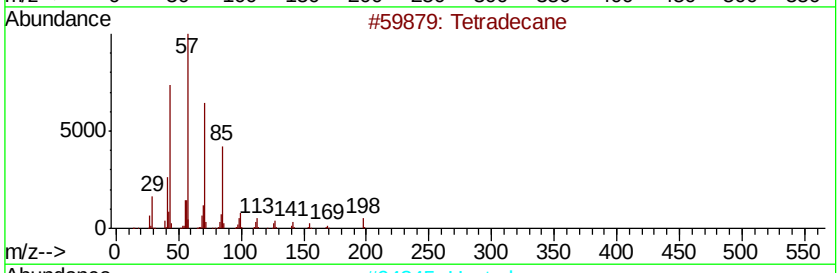
Peak Number 4 Tetradecane Concentration Rank 16

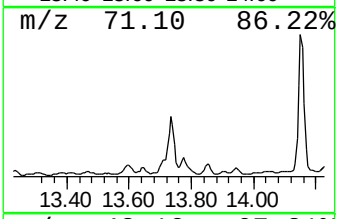
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.37 ng	428036	Acenaphthene-d10	14.22

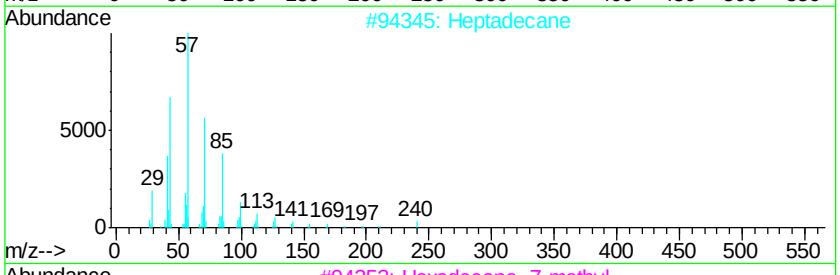
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Heptadecane	240	C17H36	000629-78-7	87
3	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	83
4	Hexacosane	366	C26H54	000630-01-3	83
5	Tritetracontane	605	C43H88	007098-21-7	83

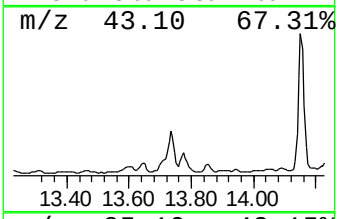


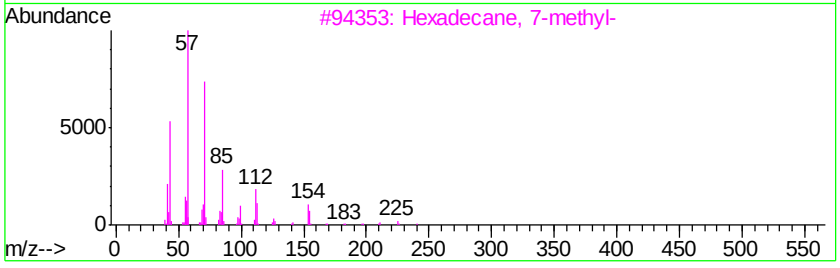


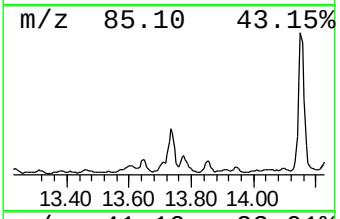


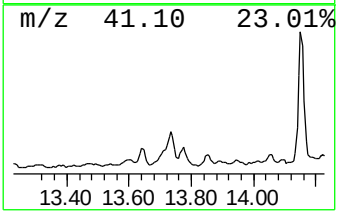












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
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Sample : L3203-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

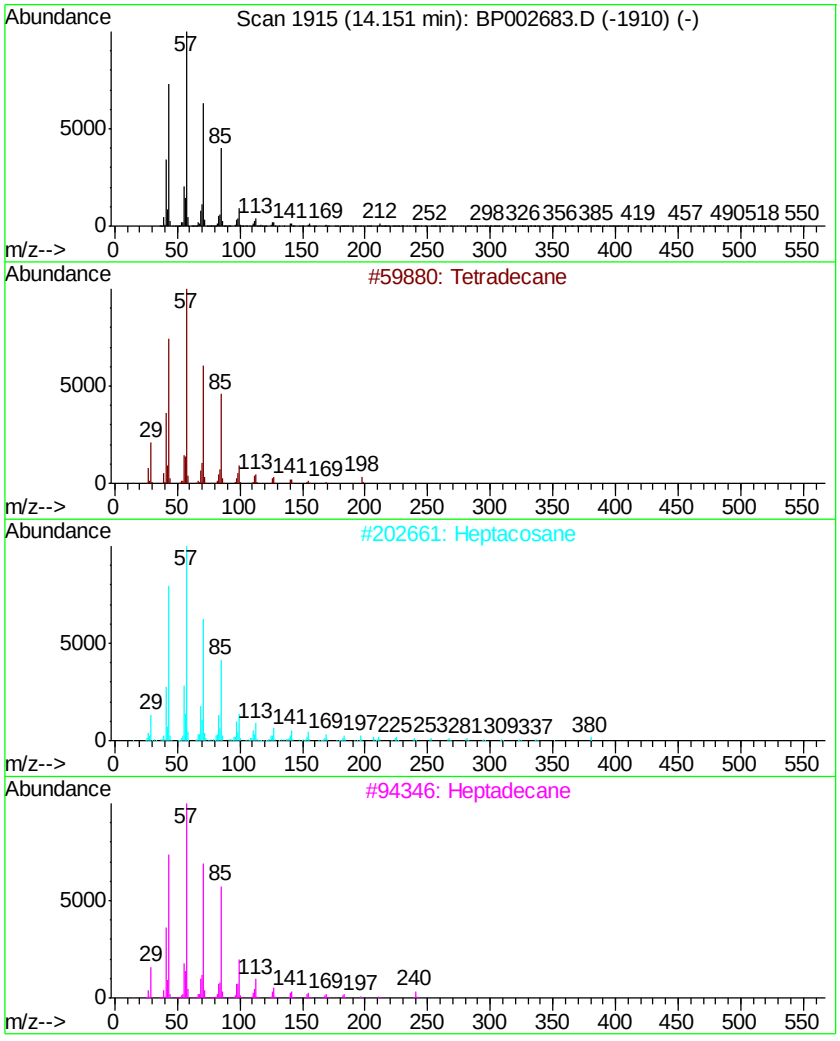
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

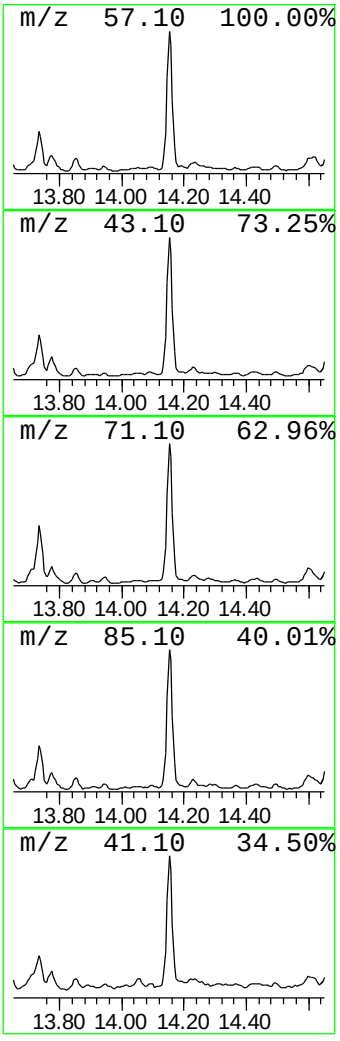
****

Peak Number 5 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	9.06 ng	1150470	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Heptacosane	380	C27H56	000593-49-7	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Octacosane	394	C28H58	000630-02-4	87
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	80





Library Search Compound Report

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Data File : BP002683.D
Acq On : 08 Jul 2020 19:43
Operator : CG/JU
Sample : L3203-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

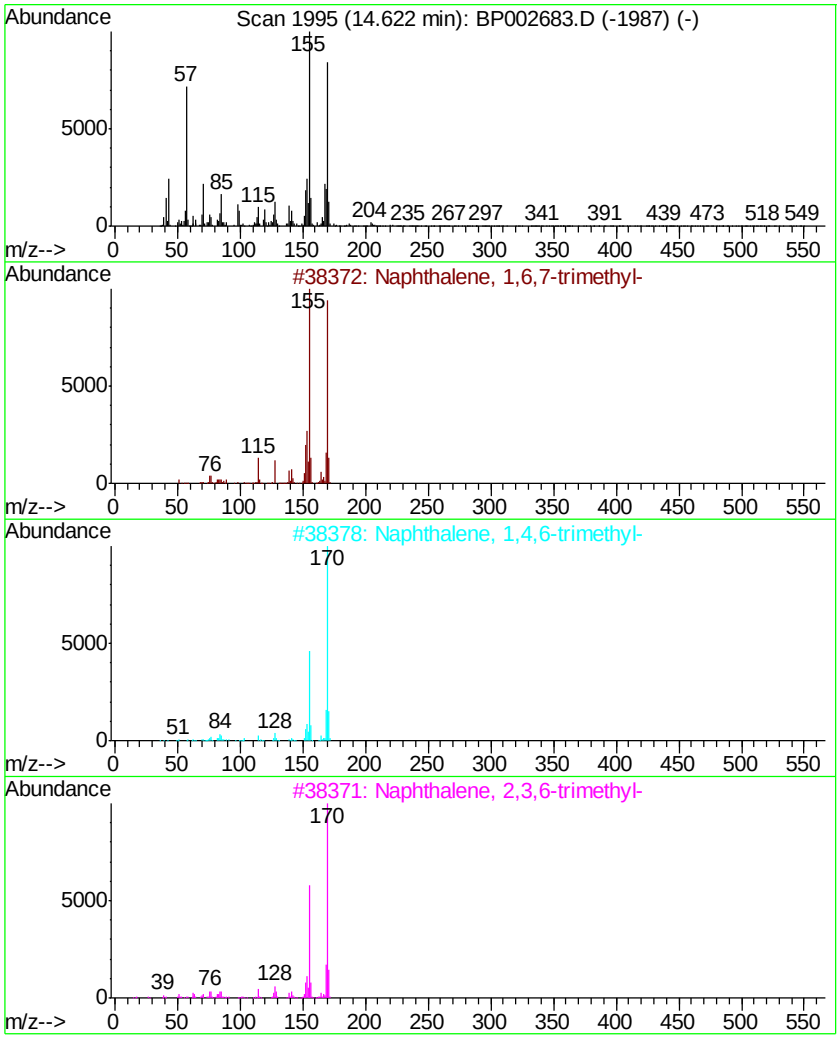
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

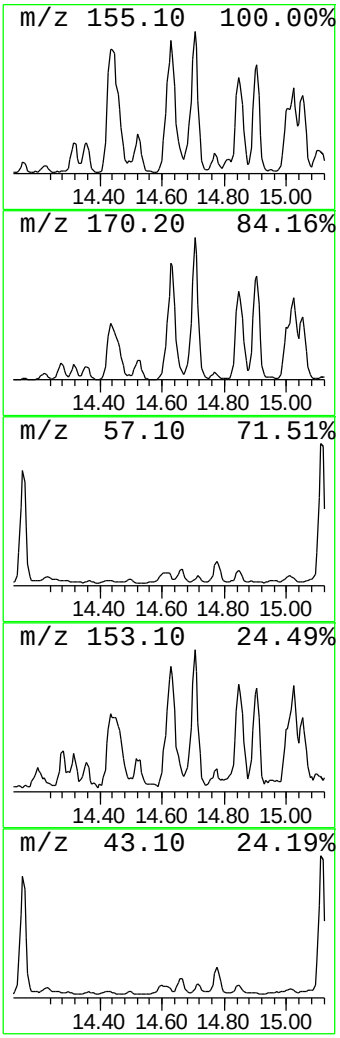
****

Peak Number 6 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	2.88 ng	365798	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	87
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
Data File : BP002683.D
Acq On : 08 Jul 2020 19:43
Operator : CG/JU
Sample : L3203-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

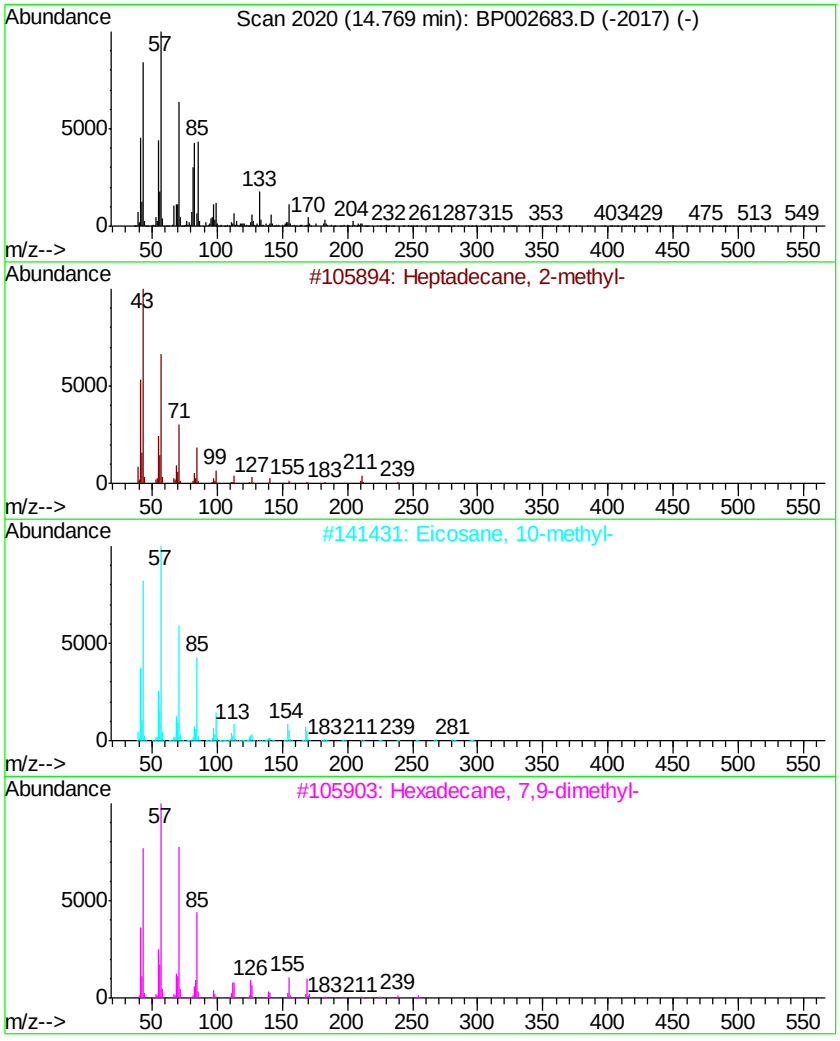
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

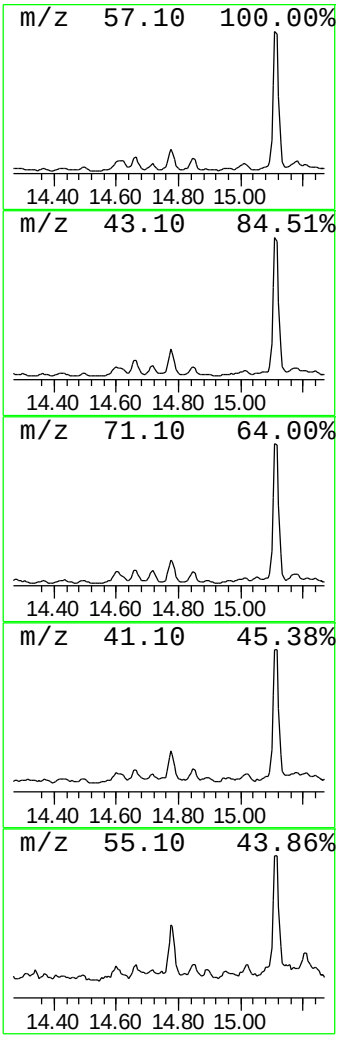
****

Peak Number 7 Heptadecane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	3.01 ng	382553	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	78
4	Heptacosane	380	C27H56	000593-49-7	70
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64





Library Search Compound Report

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Acq On : 08 Jul 2020 19:43
Operator : CG/JU
Sample : L3203-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.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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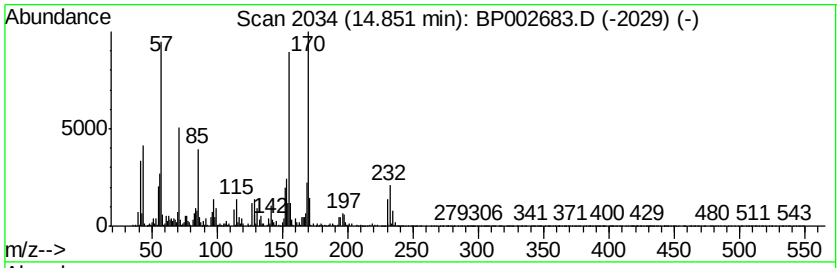
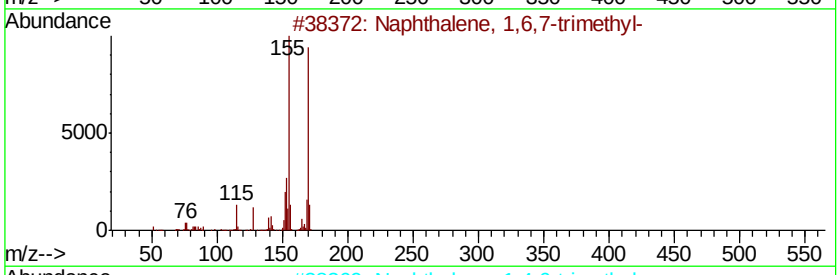
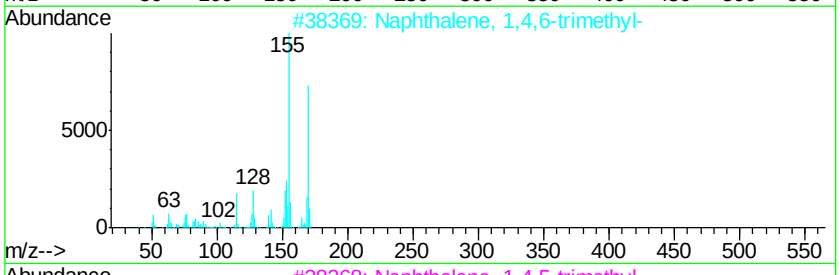
Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 20

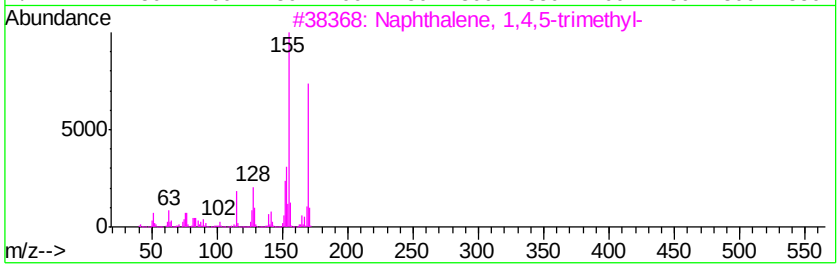
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	2.77 ng	351583	Acenaphthene-d10	14.22

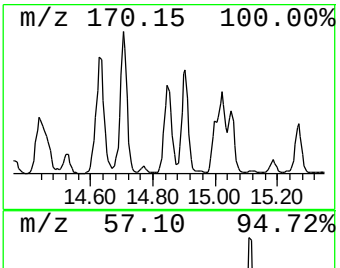
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	92
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	83

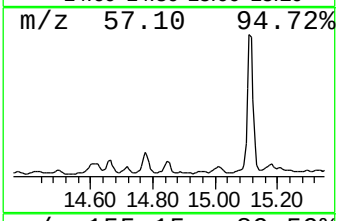


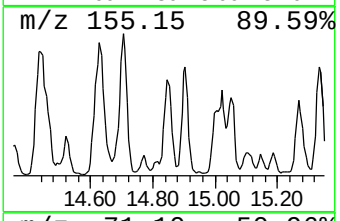


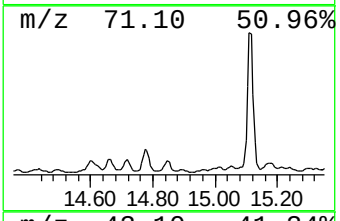


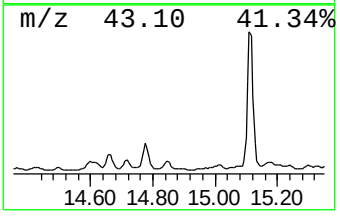












Library Search Compound Report

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Acq On : 08 Jul 2020 19:43
Operator : CG/JU
Sample : L3203-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.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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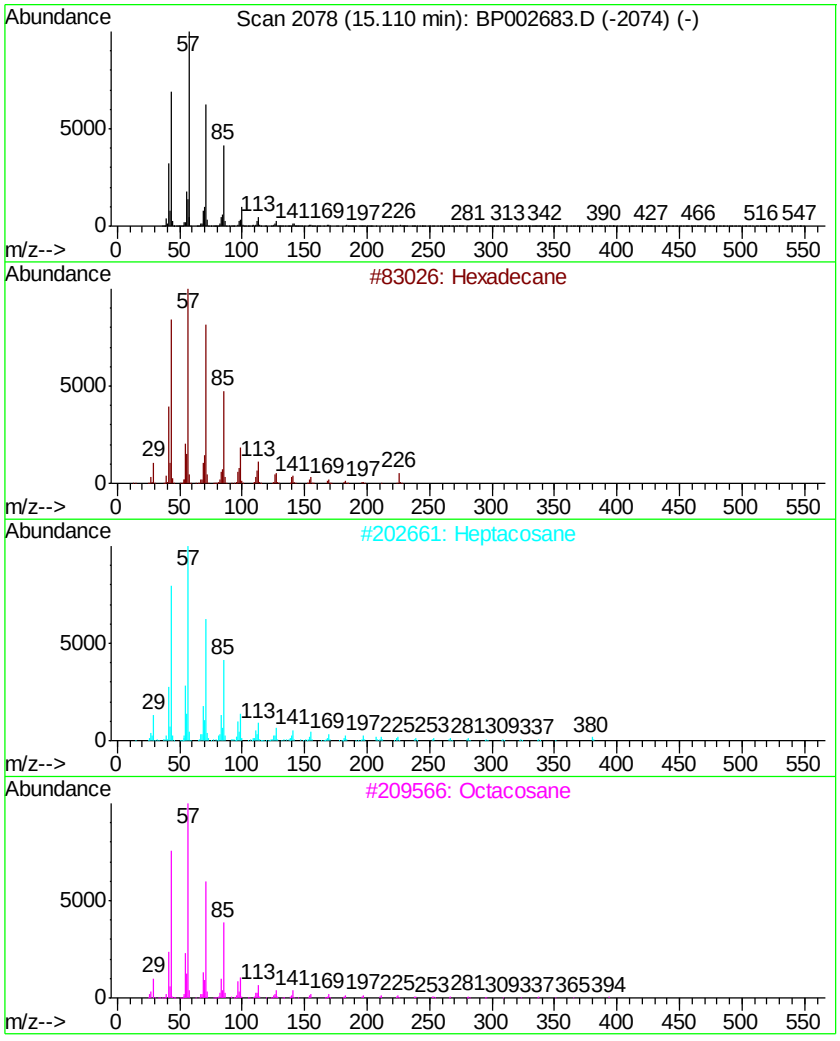
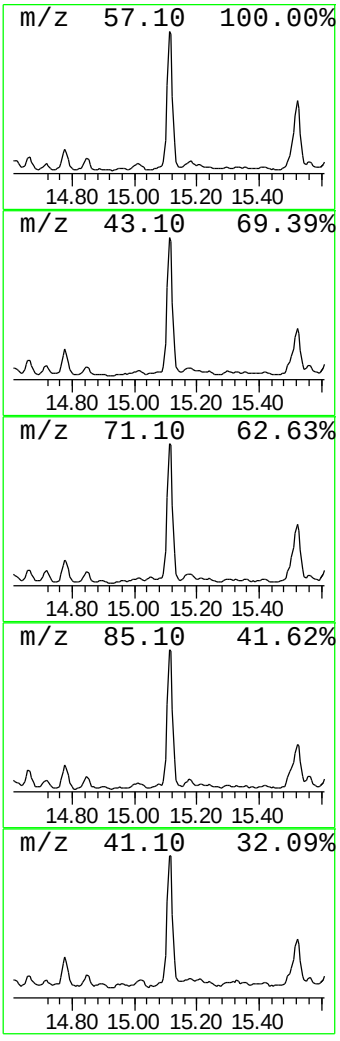
Peak Number 9 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	10.47 ng	1330020	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heptacosane	380	C27H56	000593-49-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





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Sample : L3203-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.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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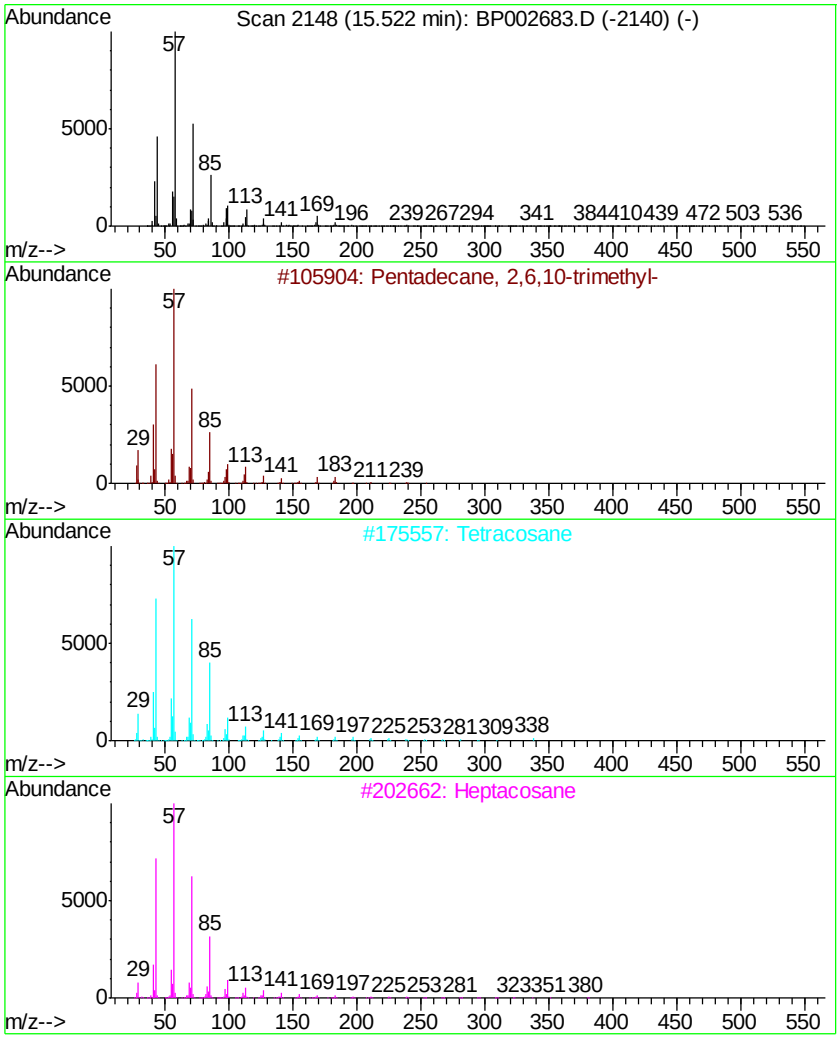
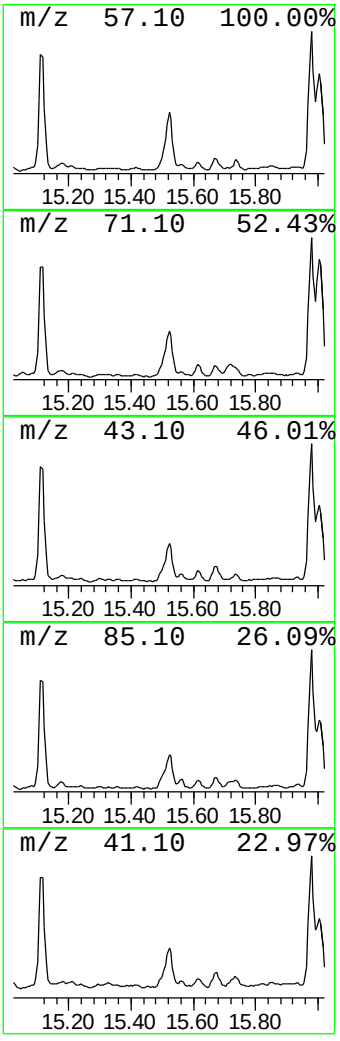
Peak Number 10 Pentadecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	7.19 ng	913045	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Tetracosane	338	C24H50	000646-31-1	89
3	Heptacosane	380	C27H56	000593-49-7	86
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
5	Eicosane	282	C20H42	000112-95-8	76





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Sample : L3203-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-06

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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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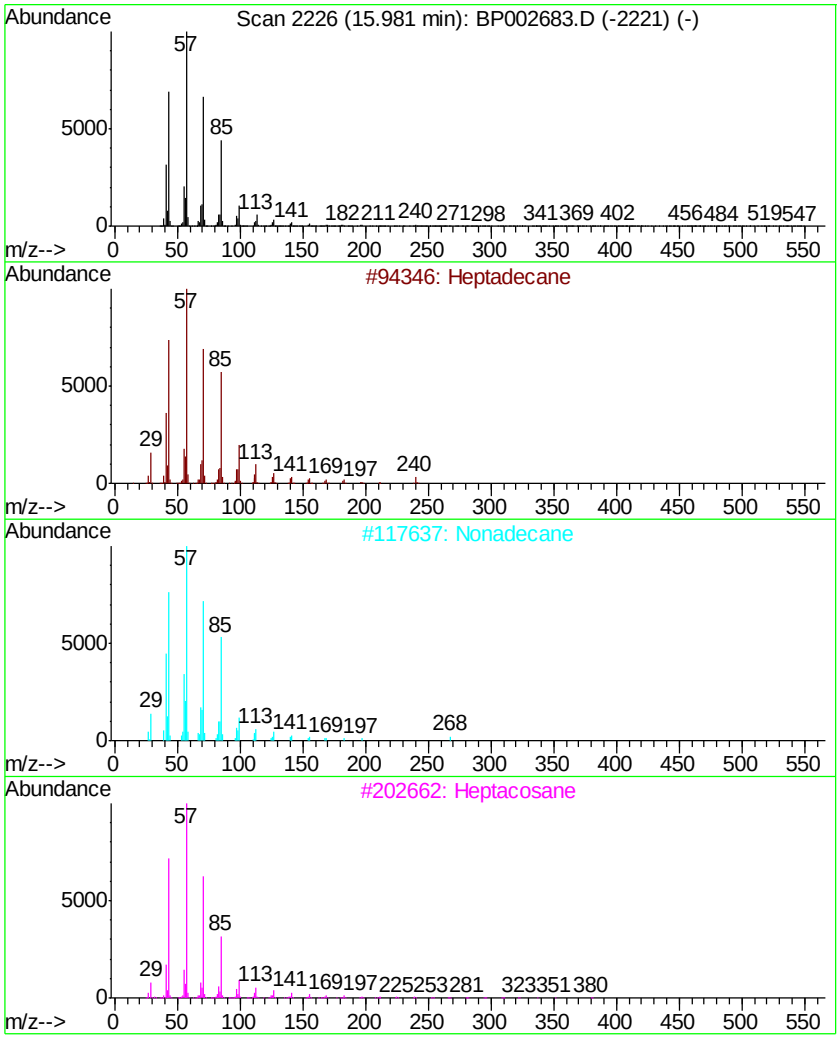
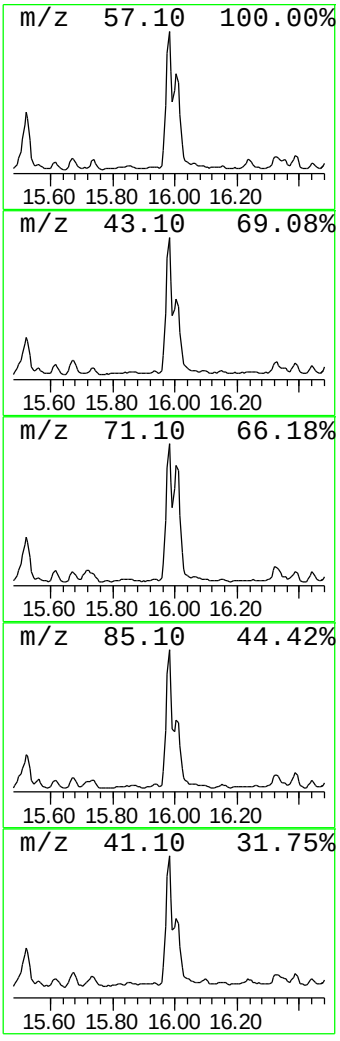
Peak Number 11 Nonadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	12.12 ng	1705100	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Nonadecane	268	C19H40	000629-92-5	96
3	Heptacosane	380	C27H56	000593-49-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heneicosane	296	C21H44	000629-94-7	90





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Sample : L3203-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-06

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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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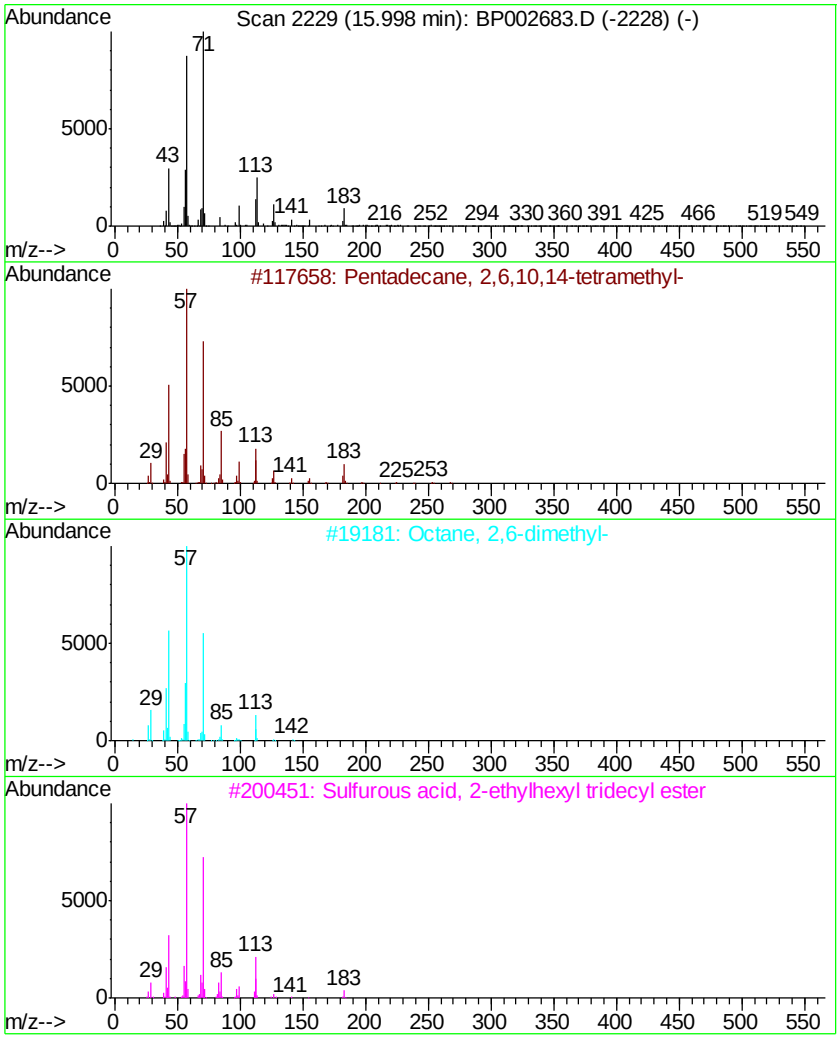
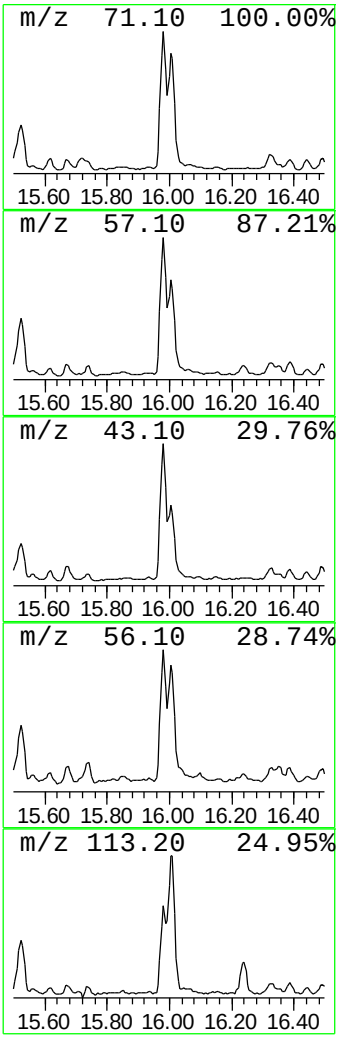
Peak Number 12 Pentadecane, 2,6,10,14-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	8.02 ng	1128200	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
3	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	72
4	Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	47
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	47





Library Search Compound Report

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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-06

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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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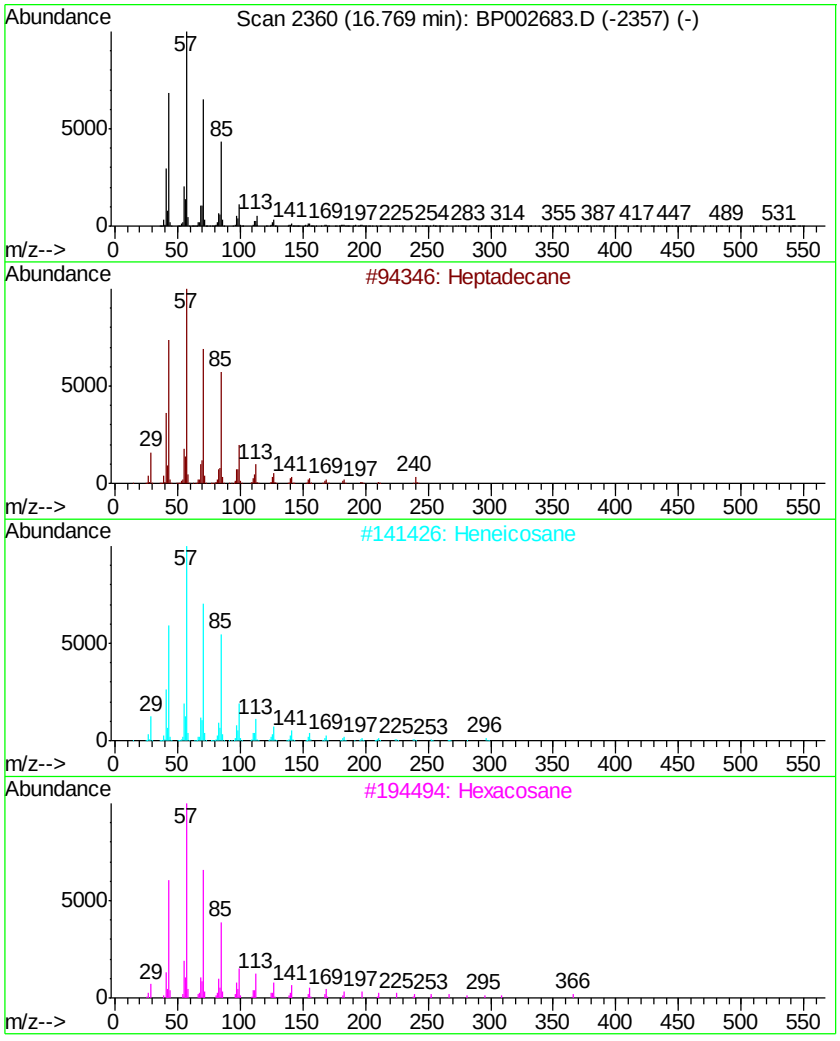
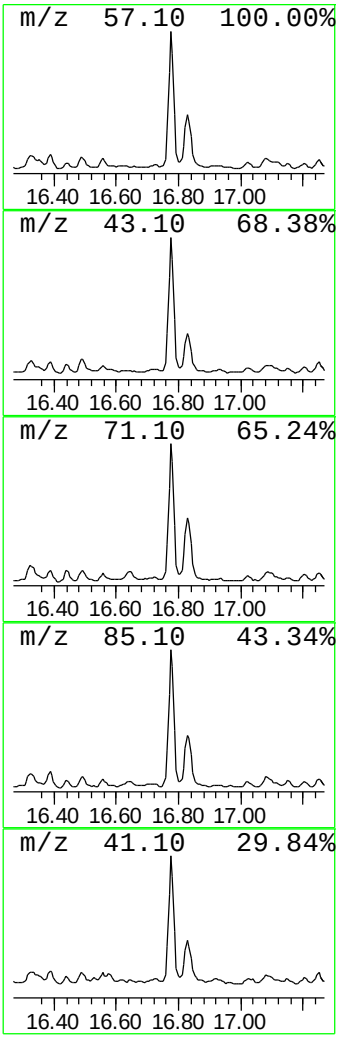
Peak Number 13 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	10.54 ng	1481830	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Heneicosane	296	C21H44	000629-94-7	97
3	Hexacosane	366	C26H54	000630-01-3	93
4	Tetradecane	198	C14H30	000629-59-4	93
5	Tetracosane	338	C24H50	000646-31-1	91





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Instrument : BNA_P
ClientSampleId : RO-06

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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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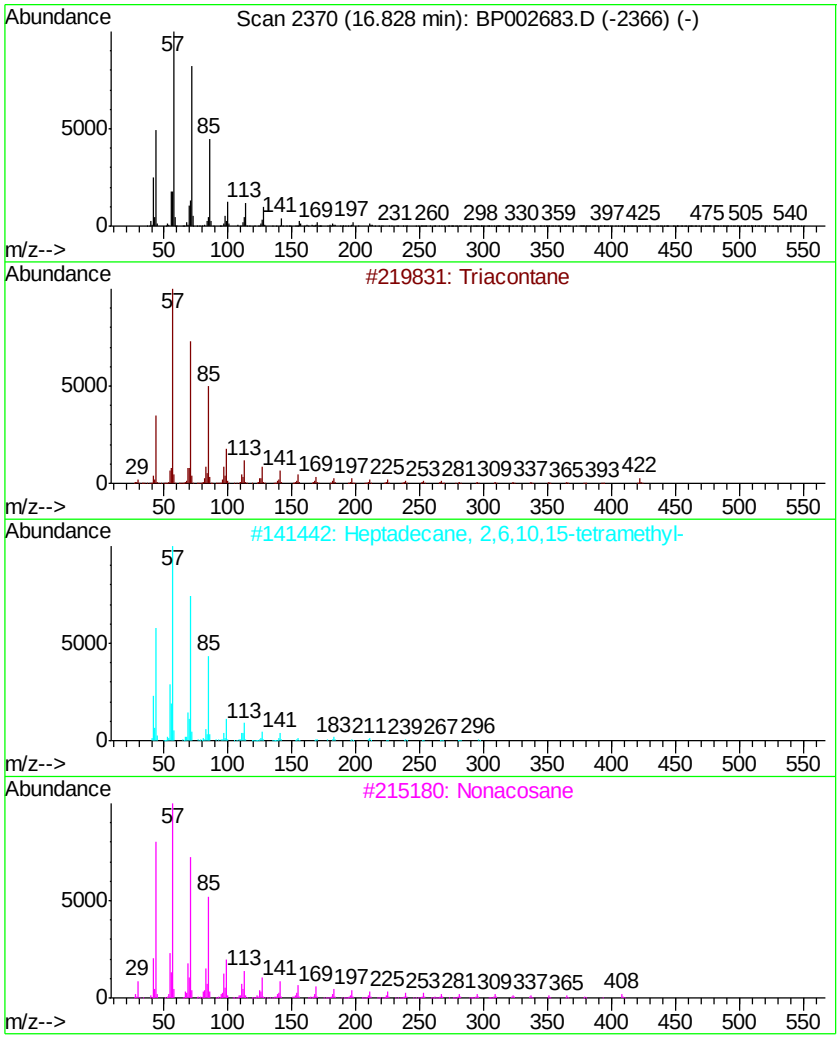
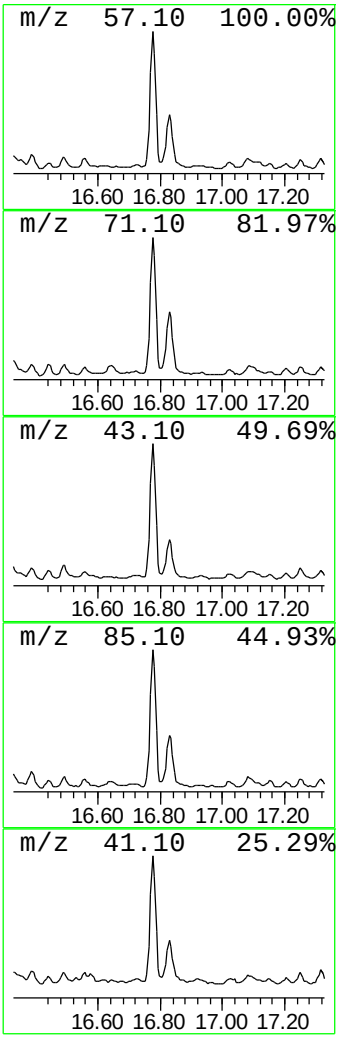
Peak Number 14 Triacontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	5.56 ng	781671	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Nonacosane	408	C29H60	000630-03-5	87
4	Heptacosane	380	C27H56	000593-49-7	86
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	80





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ClientSampleId : RO-06

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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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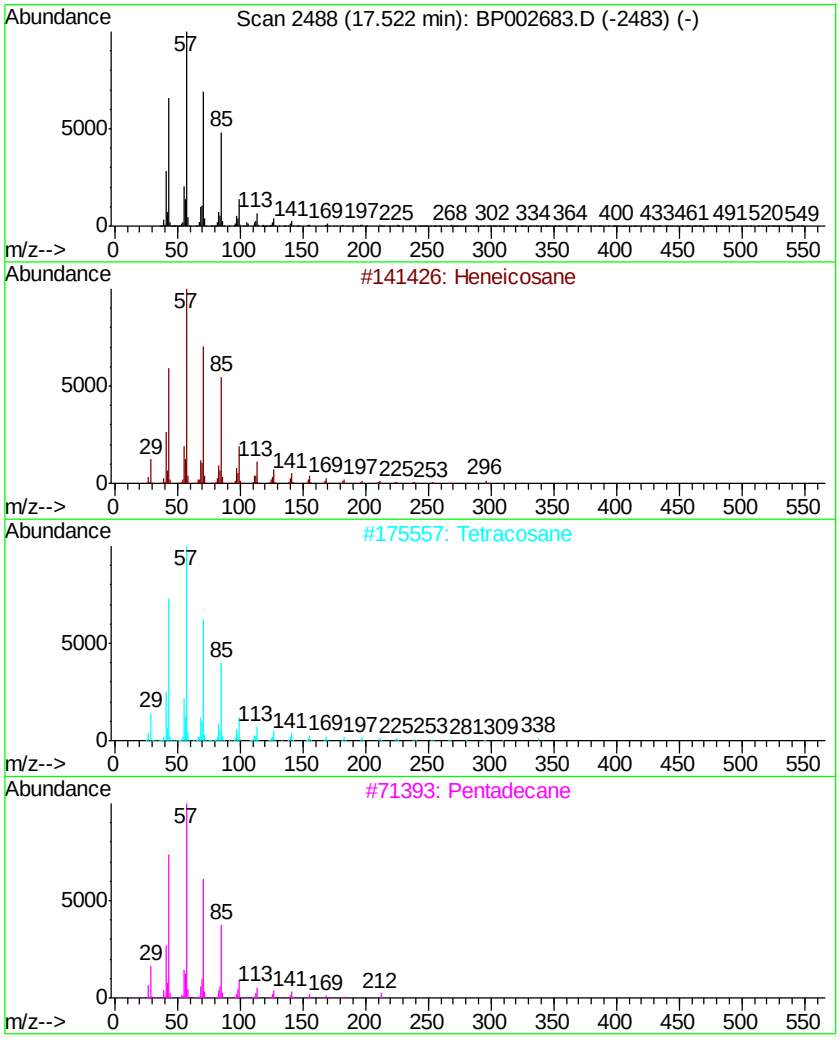
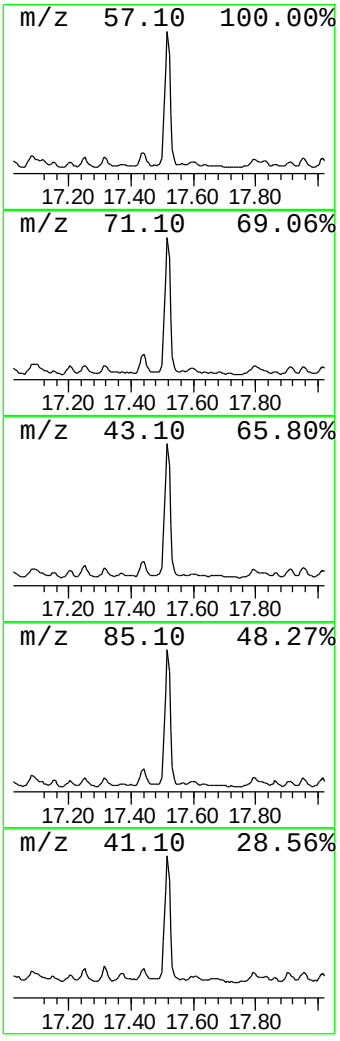
Peak Number 15 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	9.01 ng	1267430	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	1-Iodoundecane	282	C11H23I	004282-44-4	87





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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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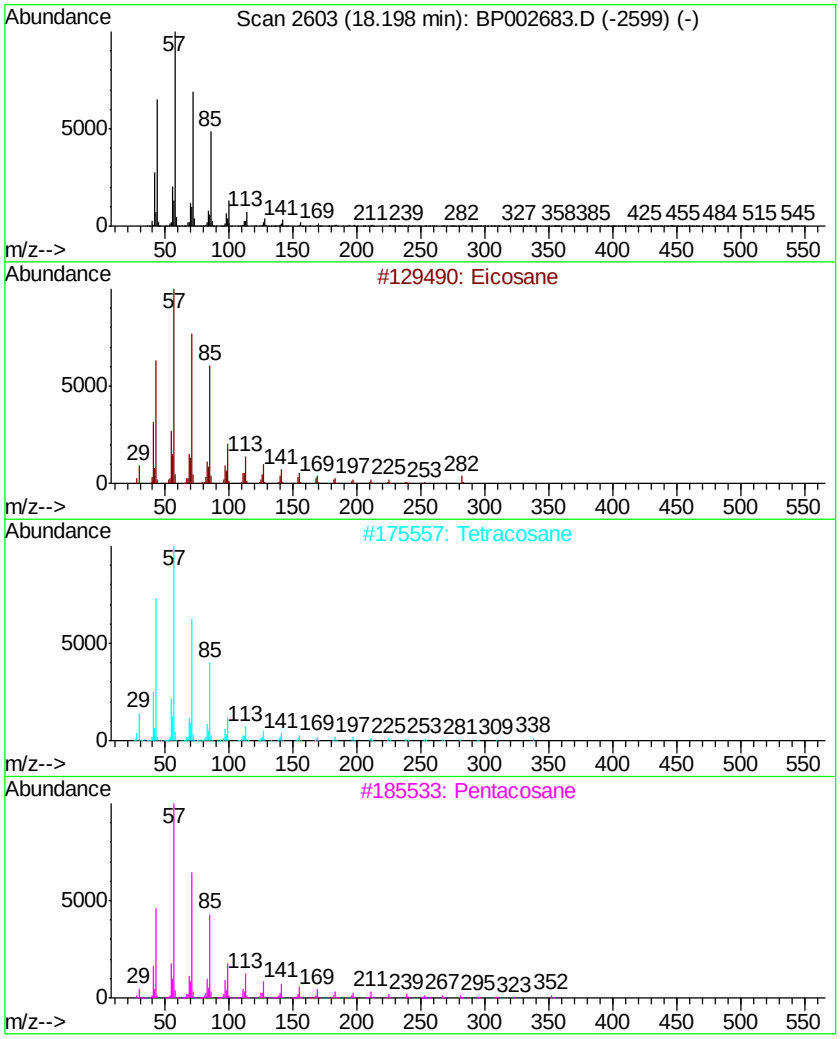
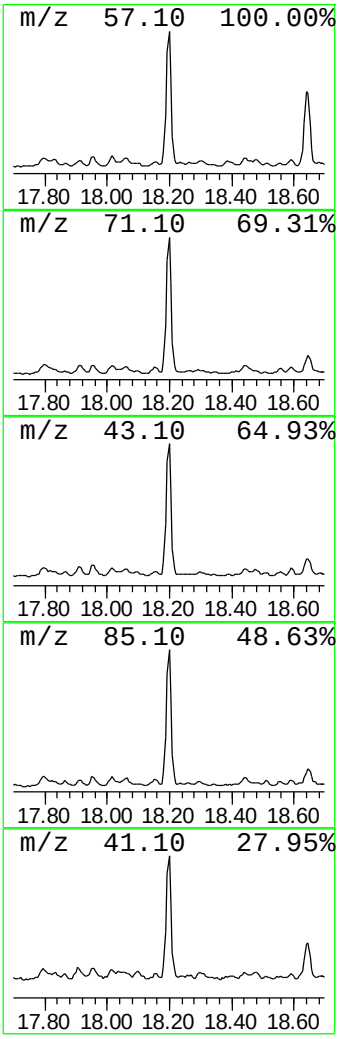
Peak Number 16 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	7.73 ng	1086800	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Tetracosane	338	C24H50	000646-31-1	94
3	Pentacosane	352	C25H52	000629-99-2	93
4	Octacosane	394	C28H58	000630-02-4	93
5	Nonadecane	268	C19H40	000629-92-5	91





Library Search Compound Report

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Sample : L3203-13
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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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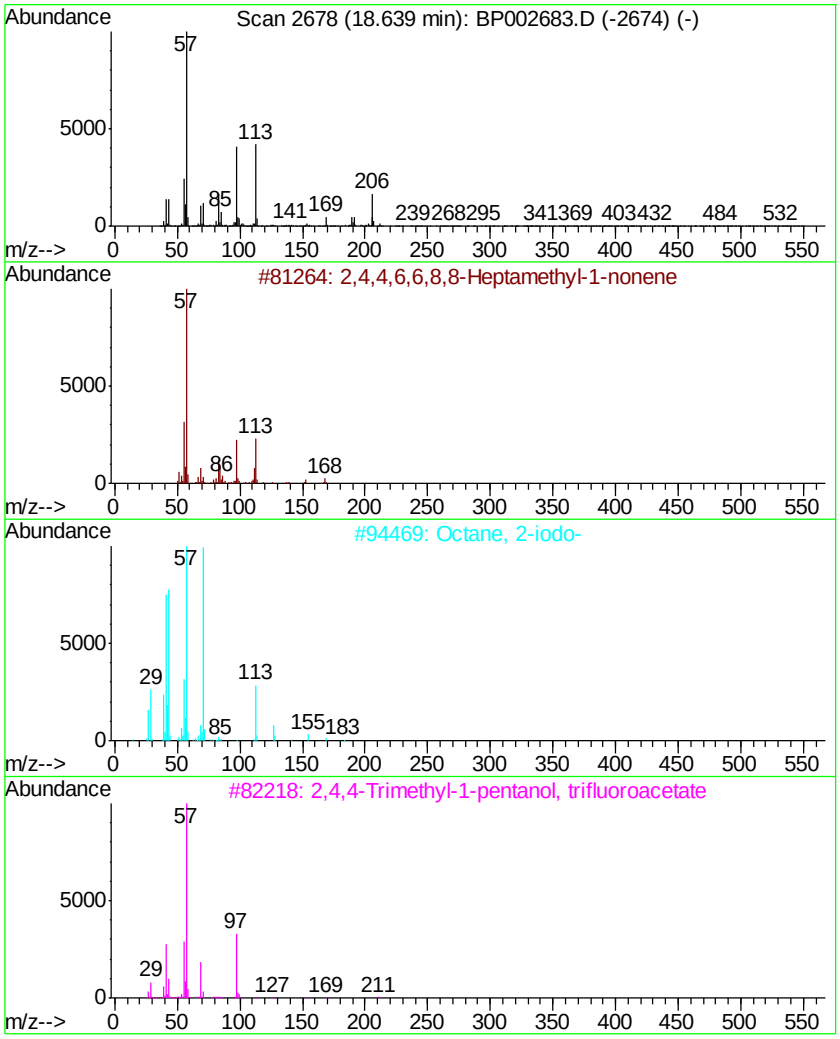
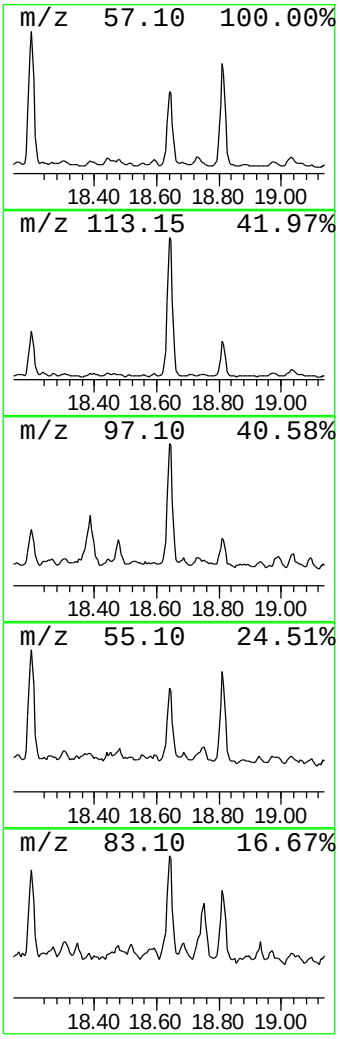
Peak Number 17 unknown18.64 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	4.10 ng	576279	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	45
2	Octane, 2-iodo-	240	C8H17I	000557-36-8	32
3	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	27
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	25
5	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	25





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Misc :
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Instrument : BNA_P
ClientSampleId : RO-06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.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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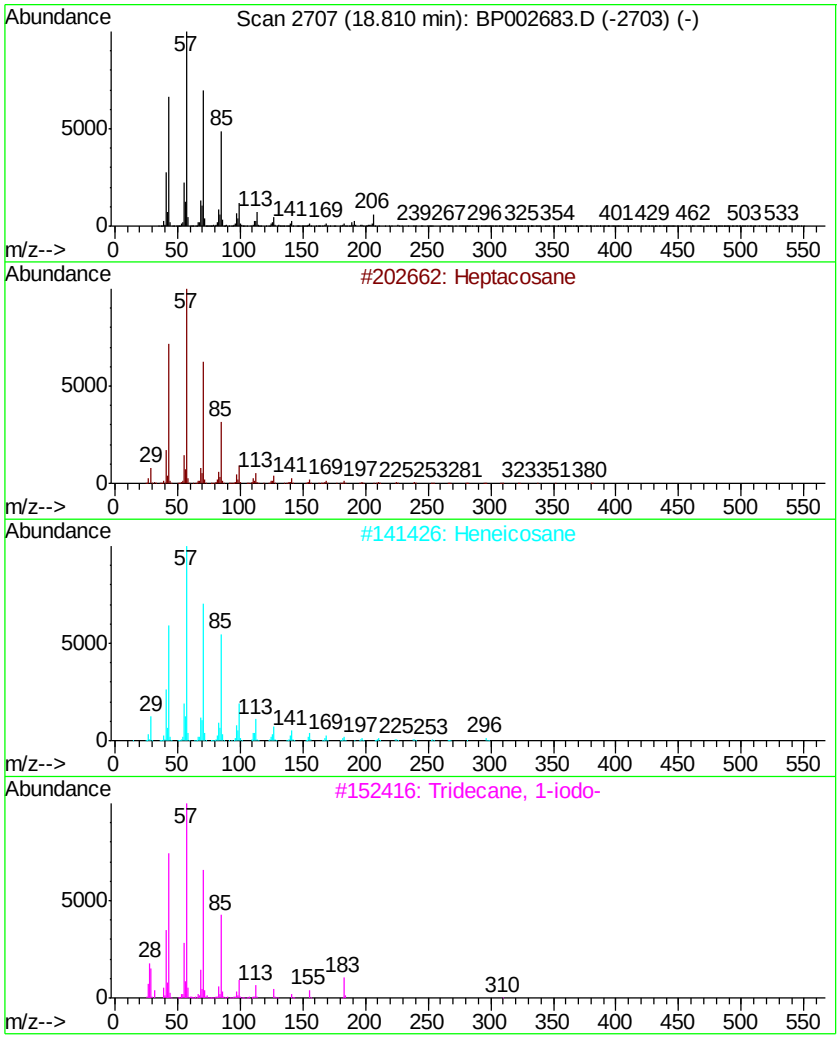
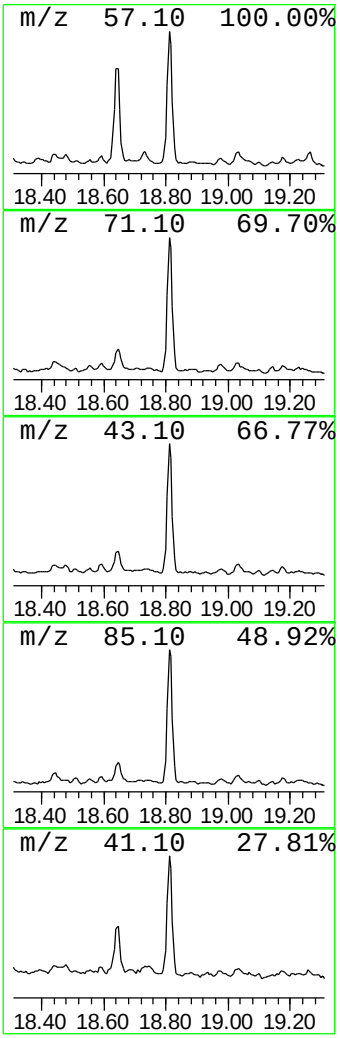
Peak Number 18 Tridecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	6.29 ng	884240	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Octadecane	254	C18H38	000593-45-3	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
Data File : BP002683.D
Acq On : 08 Jul 2020 19:43
Operator : CG/JU
Sample : L3203-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.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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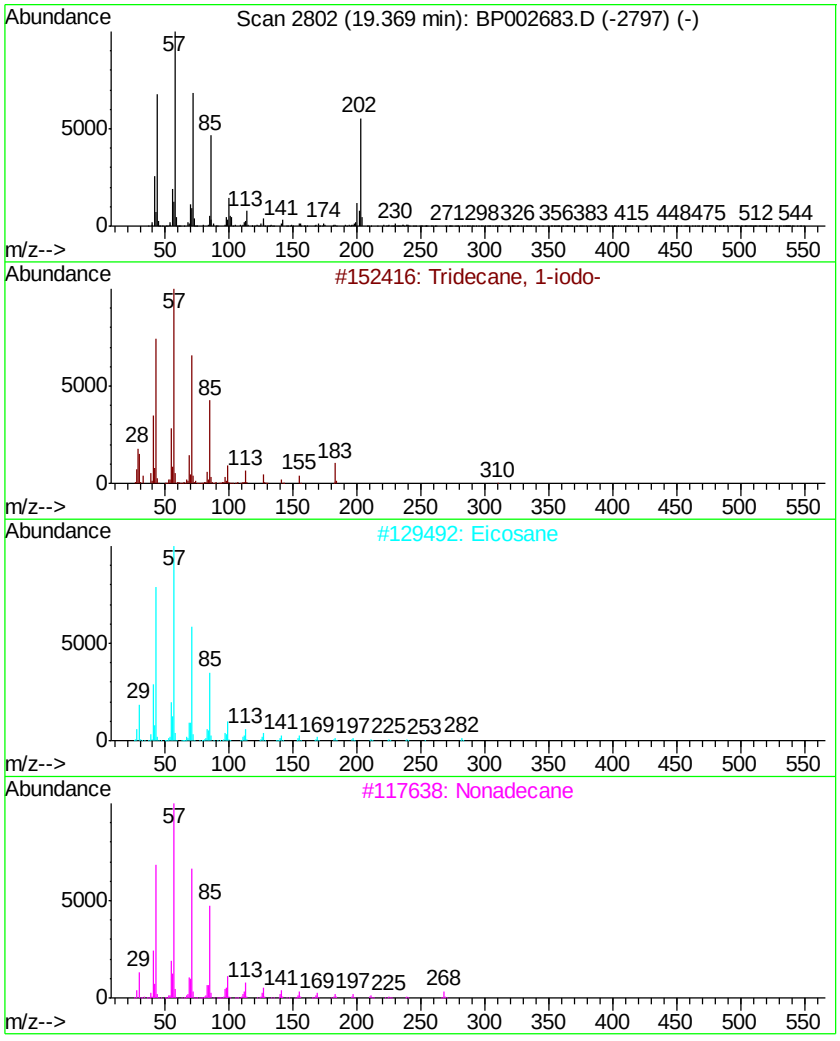
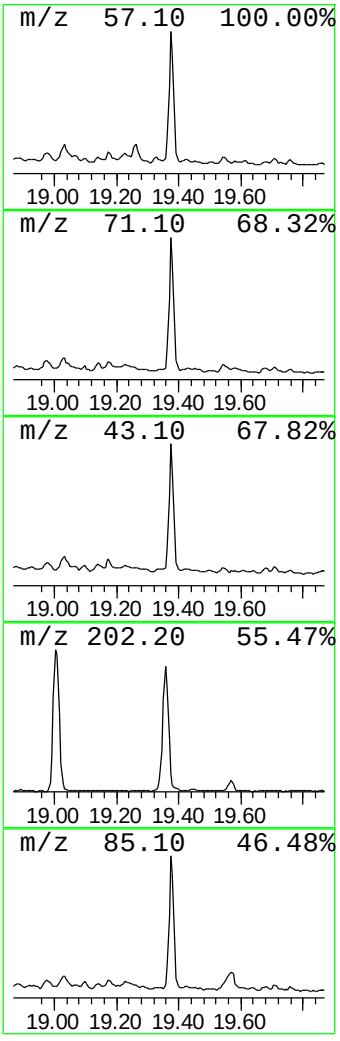
Peak Number 19 1-Iodo-2-methylundecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	4.63 ng	930836	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Triacontane	422	C30H62	000638-68-6	87
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
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Acq On : 08 Jul 2020 19:43
Operator : CG/JU
Sample : L3203-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.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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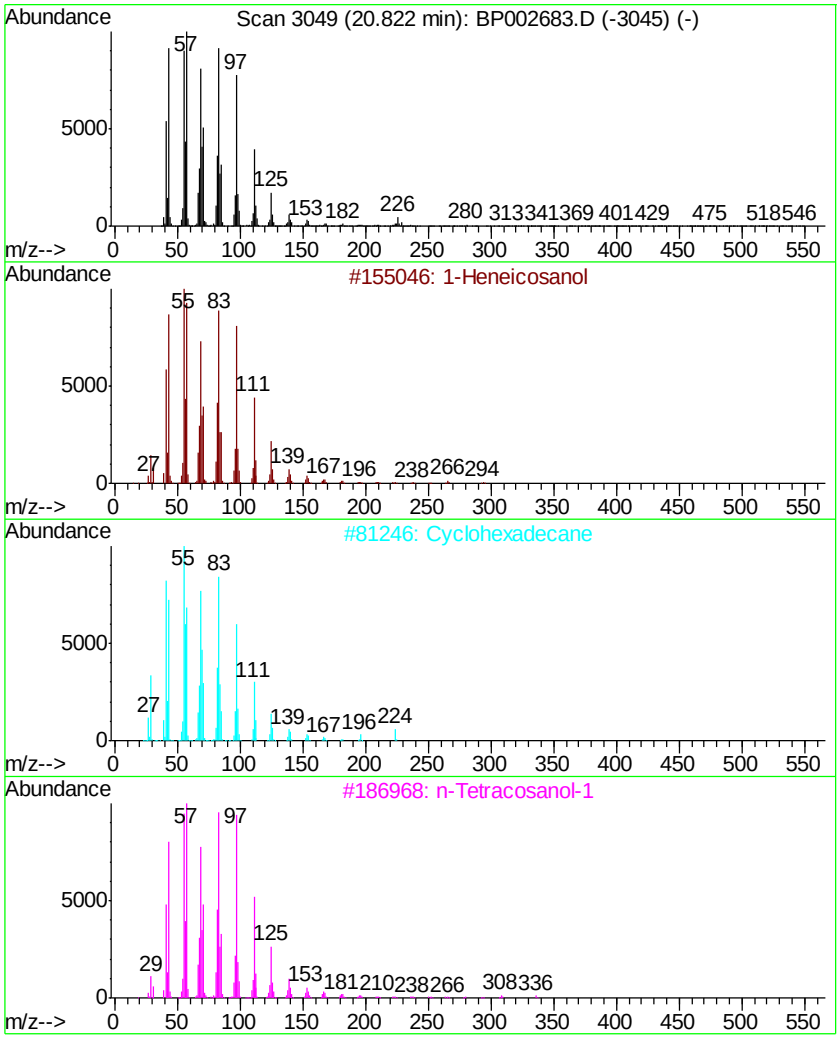
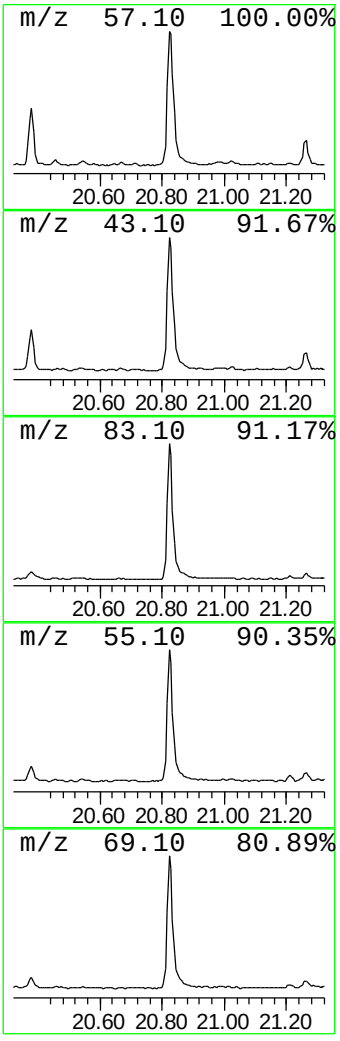
Peak Number 20 1-Heneicosanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	7.34 ng	1475780	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP070820\
Data File : BP002683.D
Acq On : 08 Jul 2020 19:43
Operator : CG/JU
Sample : L3203-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.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
Heptacosane	11.80	3.3	ng	296832	2	10.34	1805750	20.0
Hexadecane	13.07	6.3	ng	803999	3	14.22	2539870	20.0
Tetradecane	13.73	3.4	ng	428036	3	14.22	2539870	20.0
Heptadecane	14.15	9.1	ng	1150470	3	14.22	2539870	20.0
Naphthalene, 1,6,...	14.62	2.9	ng	365798	3	14.22	2539870	20.0
Heptadecane, 2-me...	14.77	3.0	ng	382553	3	14.22	2539870	20.0
Naphthalene, 1,4,...	14.85	2.8	ng	351583	3	14.22	2539870	20.0
Octacosane	15.11	10.5	ng	1330020	3	14.22	2539870	20.0
Pentadecane, 2,6,...	15.52	7.2	ng	913045	3	14.22	2539870	20.0
Nonadecane	15.98	12.1	ng	1705100	4	16.97	2812600	20.0
Pentadecane, 2,6,...	16.00	8.0	ng	1128200	4	16.97	2812600	20.0
Heneicosane	16.77	10.5	ng	1481830	4	16.97	2812600	20.0
Triacontane	16.83	5.6	ng	781671	4	16.97	2812600	20.0
Tetracosane	17.52	9.0	ng	1267430	4	16.97	2812600	20.0
Eicosane	18.20	7.7	ng	1086800	4	16.97	2812600	20.0
unknown18.64	18.64	4.1	ng	576279	4	16.97	2812600	20.0
Tridecane, 1-iodo-	18.81	6.3	ng	884240	4	16.97	2812600	20.0
1-Iodo-2-methylun...	19.37	4.6	ng	930836	5	21.09	4022590	20.0
1-Heneicosanol	20.82	7.3	ng	1475780	5	21.09	4022590	20.0