LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
Data File : BP001034.D
Acq On : 12 Nov 2019 00:08
Operator : JU
Sample : K5673-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-05-110819

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-BP110619.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	2.299	30	36	47	rVB	379839	565035	2.40%	0.434%
2	5.734	615	620	633	rBV	391368	553871	2.35%	0.426%
3	6.305	709	717	722	rBV	2800469	3397308	14.44%	2.611%
4	7.816	965	974	983	rBV	2831632	3911673	16.62%	3.007%
5	8.016	1000	1008	1012	rBV	3145956	3927623	16.69%	3.019%
6	8.375	1064	1069	1076	rVB	1142890	1287392	5.47%	0.990%
7	8.616	1105	1110	1115	rBV	2891437	3229699	13.73%	2.483%
8	9.252	1211	1218	1222	rBV	2006243	2306292	9.80%	1.773%
9	9.375	1234	1239	1242	rBV	268928	314972	1.34%	0.242%
10	9.657	1283	1287	1297	rVB5	160389	285115	1.21%	0.219%
11	10.075	1352	1358	1365	rVB5	152781	256172	1.09%	0.197%
12	10.152	1365	1371	1378	rBV5	149901	252237	1.07%	0.194%
13	10.404	1408	1414	1420	rBV	1423132	1739957	7.39%	1.337%
14	10.457	1420	1423	1427	rVB	394060	396322	1.68%	0.305%
15	10.587	1442	1445	1451	rBV	229500	297562	1.26%	0.229%
16	11.175	1539	1545	1550	rBV4	320946	521852	2.22%	0.401%
17	11.451	1588	1592	1596	rBV	586603	659222	2.80%	0.507%
18	11.769	1642	1646	1650	rBV2	265296	388153	1.65%	0.298%
19	12.181	1709	1716	1720	rVB	4289619	5091888	21.64%	3.914%
20	12.387	1747	1751	1755	rBV	577195	754661	3.21%	0.580%
21	12.846	1826	1829	1832	rVB	279630	293197	1.25%	0.225%
22	13.028	1854	1860	1864	rVB2	254719	409335	1.74%	0.315%
23	13.263	1895	1900	1905	rBV2	2102386	2719839	11.56%	2.091%
24	13.316	1906	1909	1913	rVB2	230337	285775	1.21%	0.220%
25	13.793	1985	1990	1995	rBV4	192447	356319	1.51%	0.274%
26	13.851	1996	2000	2006	rVB5	189097	289287	1.23%	0.222%
27	14.087	2036	2040	2044	rBV	675972	798707	3.39%	0.614%
28	14.163	2049	2053	2060	rVB	320734	513603	2.18%	0.395%
29	14.451	2096	2102	2111	rVB3	332992	713088	3.03%	0.548%
30	14.557	2112	2120	2124	rBV	2678730	3411056	14.50%	2.622%
31	14.869	2168	2173	2175	rBV	711868	900909	3.83%	0.693%
32	14.892	2175	2177	2184	rVB2	409115	546801	2.32%	0.420%
33	15.181	2222	2226	2232	rBV4	118936	257665	1.10%	0.198%
34	15.575	2290	2293	2297	rVB	650006	701312	2.98%	0.539%

LSC Area Percent Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-05-110819

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.622	2297	2301	2304	rBV	332154	438101	1.86%	0.337%
36	15.663	2304	2308	2311	rVV	1535040	1878260	7.98%	1.444%
37	15.698	2311	2314	2320	rVB	1421953	1606767	6.83%	1.235%
38	15.775	2323	2327	2333	rVB	564121	687746	2.92%	0.529%
39	16.216	2398	2402	2405	rBV	621224	694818	2.95%	0.534%
40	16.357	2421	2426	2431	rVB	5112571	5806737	24.68%	4.464%
41	16.416	2432	2436	2439	rBV	322991	382043	1.62%	0.294%
42	16.451	2439	2442	2450	rVB	487551	629608	2.68%	0.484%
43	16.557	2455	2460	2465	rBV2	1277780	1939381	8.24%	1.491%
44	16.798	2498	2501	2506	rVB	558869	601901	2.56%	0.463%
45	16.845	2506	2509	2514	rBV2	201768	280566	1.19%	0.216%
46	17.198	2565	2569	2573	rBV	333430	485709	2.06%	0.373%
47	17.322	2584	2590	2592	rBV	12149399	15660084	66.55%	12.038%
48	17.363	2592	2597	2602	rVV	17685923	23529770	100.00%	18.087%
49	17.410	2602	2605	2609	rVB	2800542	2947635	12.53%	2.266%
50	17.469	2611	2615	2618	rBV	2760130	2848128	12.10%	2.189%
51	17.504	2618	2621	2623	rVV3	572629	716553	3.05%	0.551%
52	17.539	2623	2627	2634	rVB	2008845	2742242	11.65%	2.108%
53	17.639	2641	2644	2651	rVV	550600	605815	2.57%	0.466%
54	17.716	2652	2657	2661	rVB	2841045	3450001	14.66%	2.652%
55	17.781	2665	2668	2672	rVB3	353633	500939	2.13%	0.385%
56	17.839	2675	2678	2681	rVB	401367	393121	1.67%	0.302%
57	17.945	2691	2696	2702	rVB	4851949	5325416	22.63%	4.094%
58	18.169	2731	2734	2737	rVB	504806	496936	2.11%	0.382%
59	18.257	2746	2749	2753	rVB	559799	590171	2.51%	0.454%
60	18.304	2754	2757	2764	rBV4	598226	1274859	5.42%	0.980%
61	18.428	2774	2778	2781	rBV2	498052	704900	3.00%	0.542%
62	18.757	2832	2834	2839	rVB	331997	361673	1.54%	0.278%
63	18.975	2867	2871	2875	rBV2	355048	513898	2.18%	0.395%
64	19.163	2901	2903	2905	rBV3	285295	303932	1.29%	0.234%
65	19.298	2921	2926	2930	rBV2	2461305	4018107	17.08%	3.089%
66	19.333	2930	2932	2936	rVB	1270903	1240641	5.27%	0.954%
67	19.592	2974	2976	2981	rVB	360680	332695	1.41%	0.256%
68	20.598	3143	3147	3150	rBV	868066	1434119	6.09%	1.102%
69	21.016	3215	3218	3223	rVB	821042	1085907	4.62%	0.835%
70	21.092	3228	3231	3235	rVB	999245	1247903	5.30%	0.959%

LSC Area Percent Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-05-110819

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-BP110619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 130090981

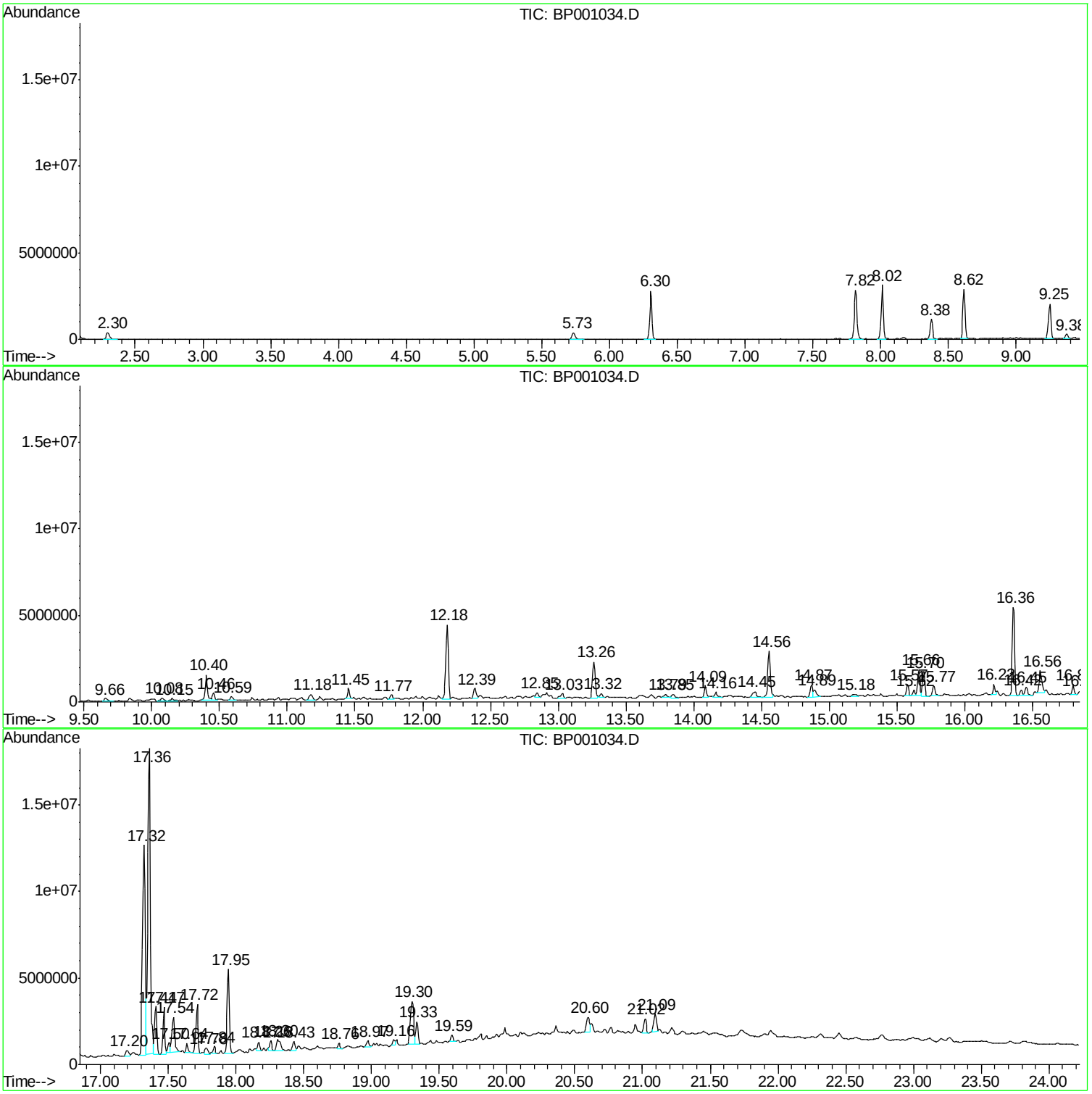
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
Data File : BP001034.D
Acq On : 12 Nov 2019 00:08
Operator : JU
Sample : K5673-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-05-110819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.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\BP111119\
Data File : BP001034.D
Acq On : 12 Nov 2019 00:08
Operator : JU
Sample : K5673-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-05-110819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

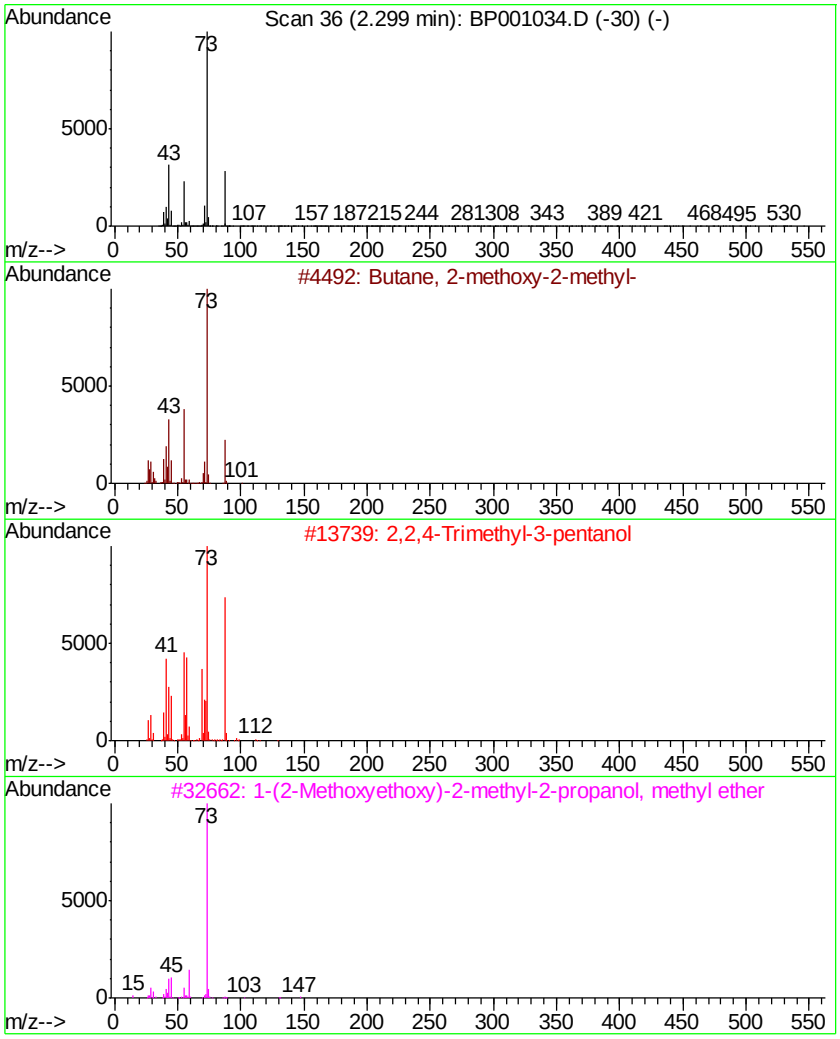
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

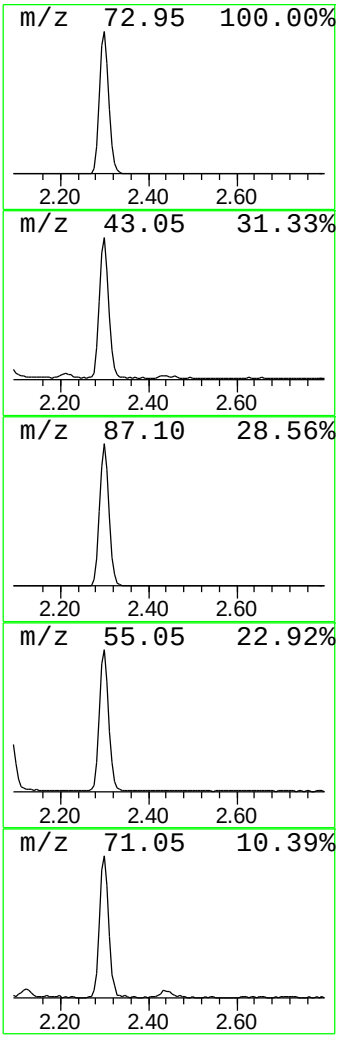
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.30	8.78 ng	565035	1,4-Dichlorobenzene-d4	8.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
Data File : BP001034.D
Acq On : 12 Nov 2019 00:08
Operator : JU
Sample : K5673-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-05-110819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

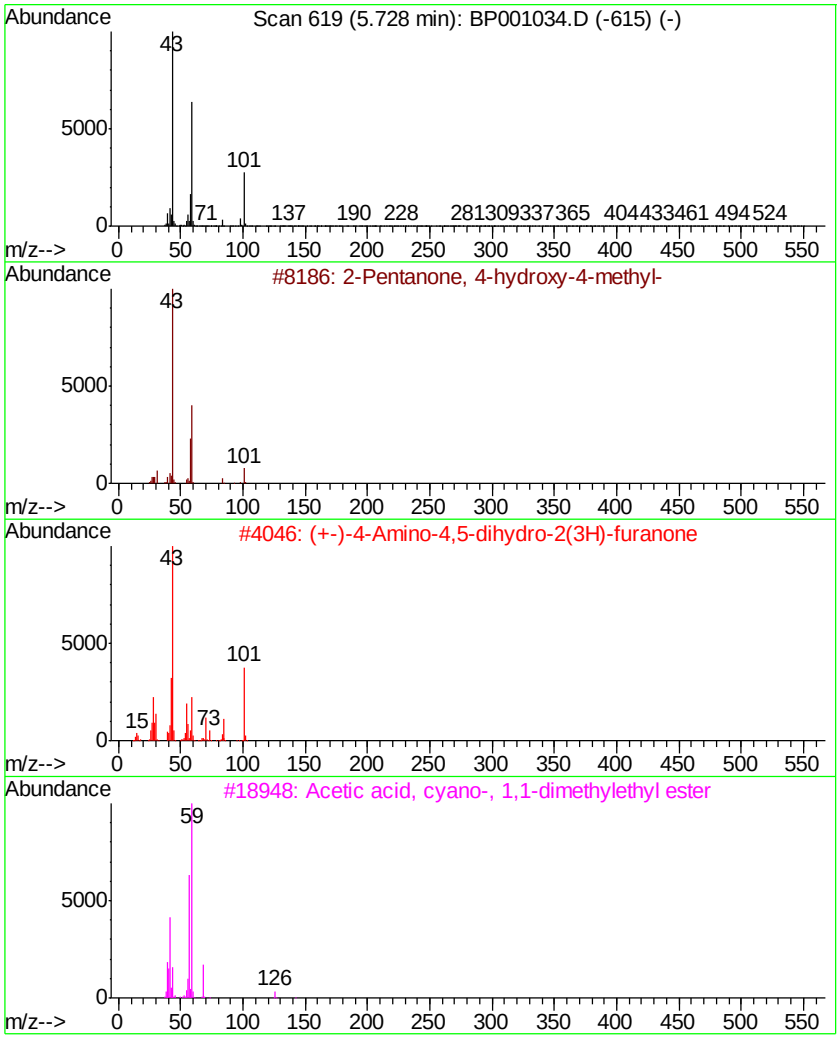
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

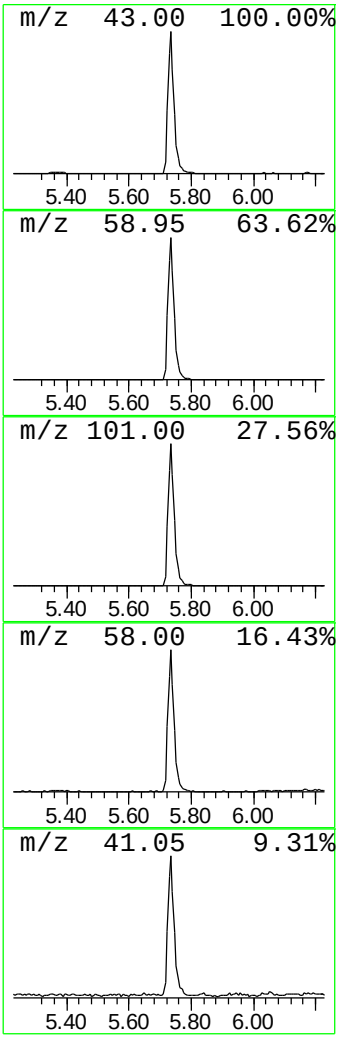
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	8.60 ng	553871	1,4-Dichlorobenzene-d4	8.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	37
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	Acetone	58	C3H6O	000067-64-1	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
Data File : BP001034.D
Acq On : 12 Nov 2019 00:08
Operator : JU
Sample : K5673-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-05-110819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

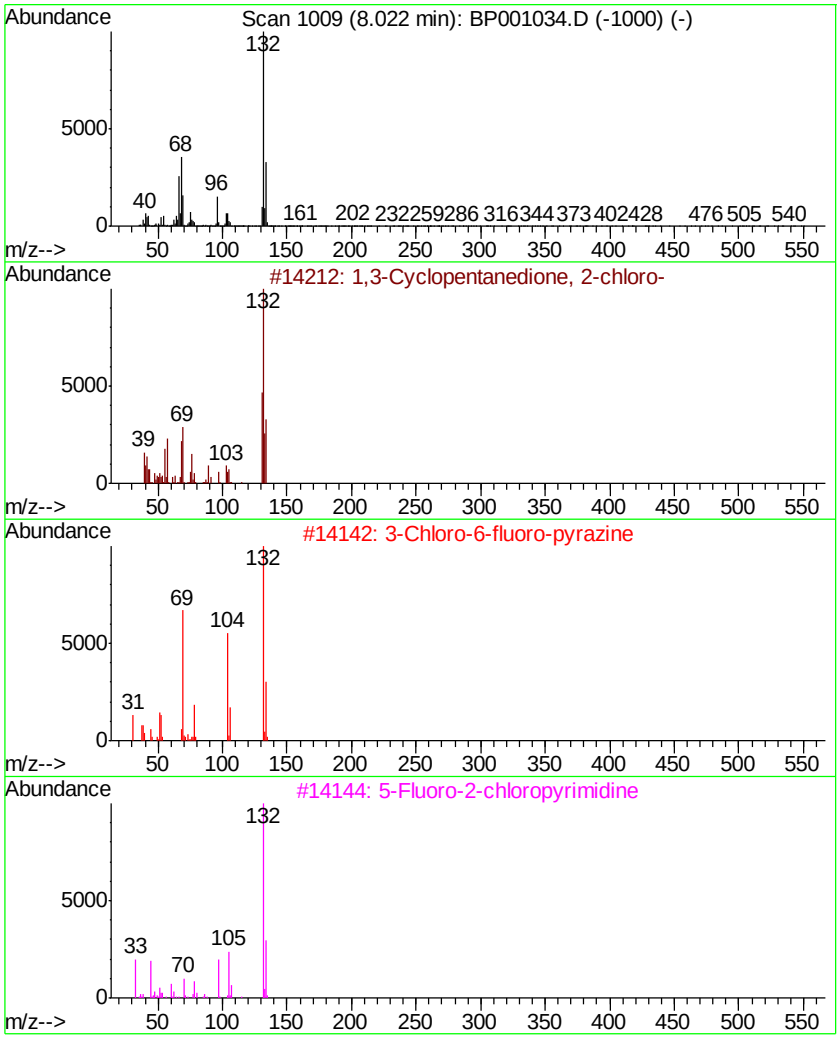
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

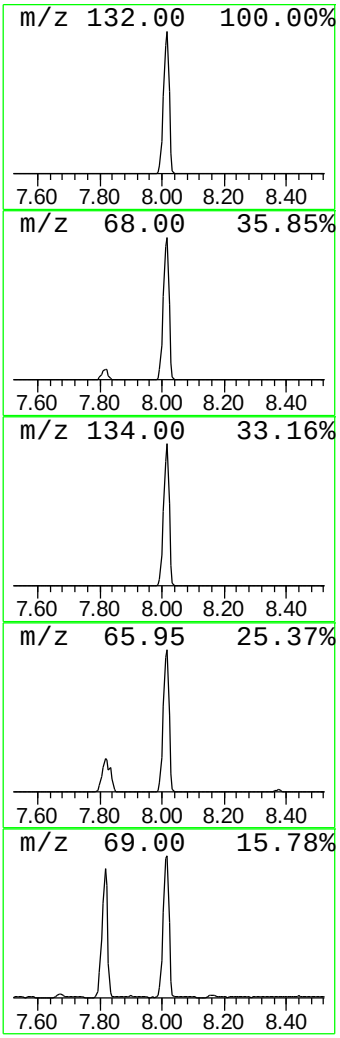
****

Peak Number 3 unknown8.02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	61.02 ng	3927620	1,4-Dichlorobenzene-d4	8.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	32
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12





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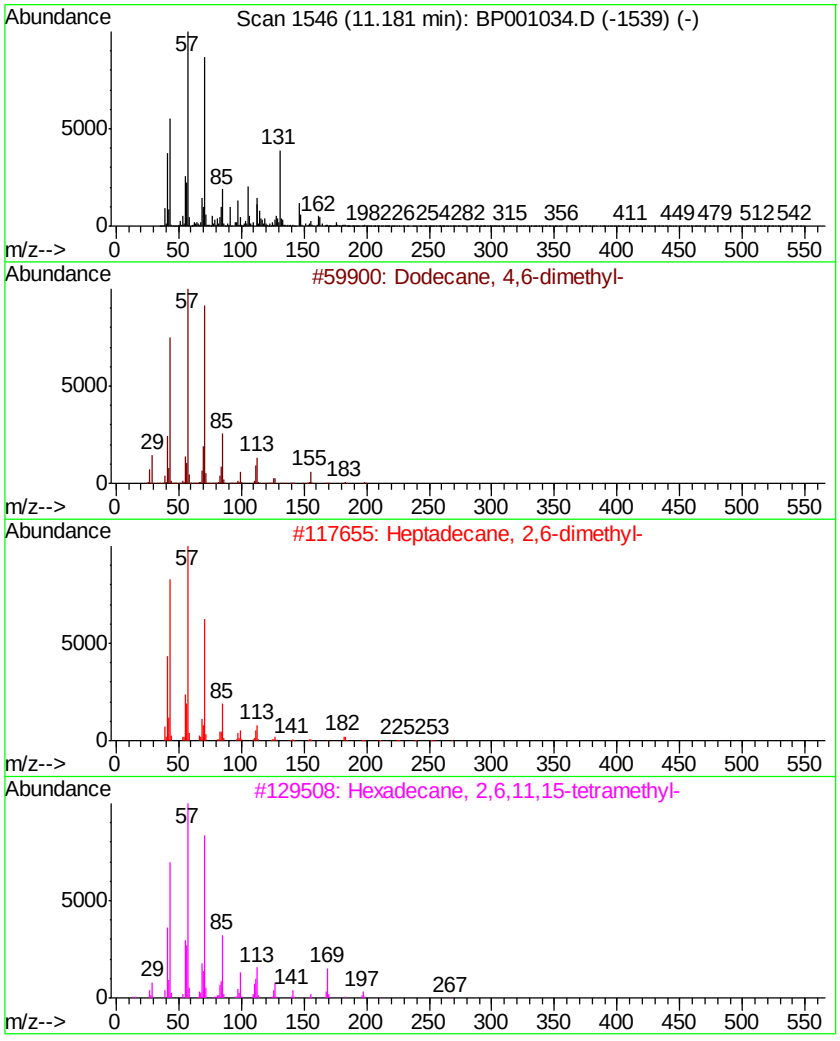
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

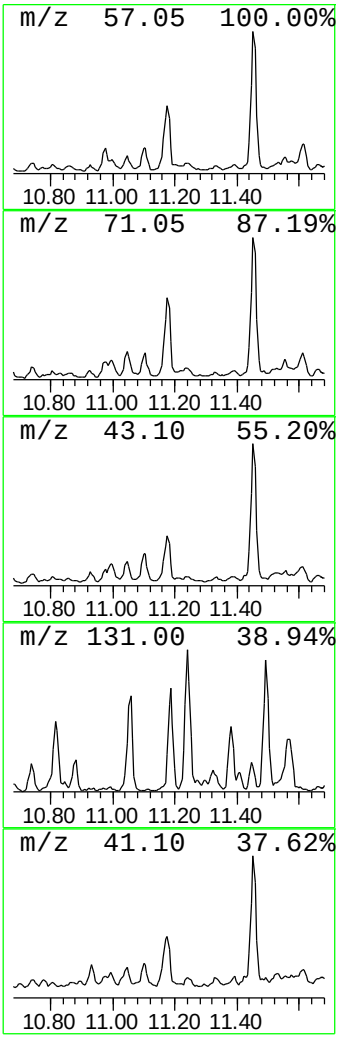
****

Peak Number 5 Dodecane, 4,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	6.00 ng	521852	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64
4	Decane, 2-methyl-	156	C11H24	006975-98-0	58
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	53





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ALS Vial : 17 Sample Multiplier: 1

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

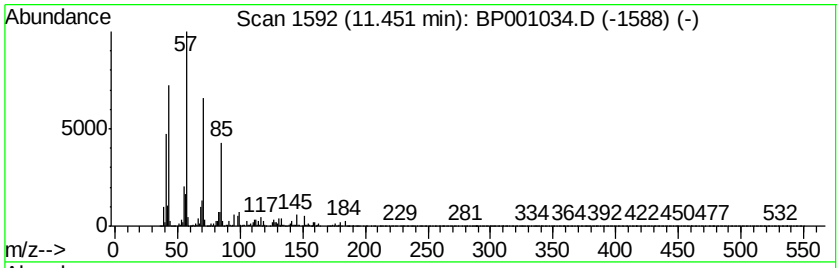
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

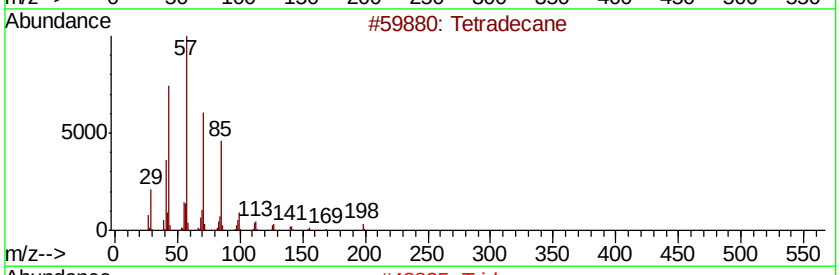
****

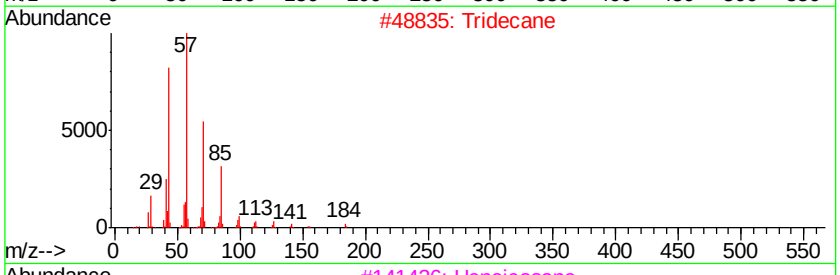
Peak Number 6 Tetradecane Concentration Rank 11

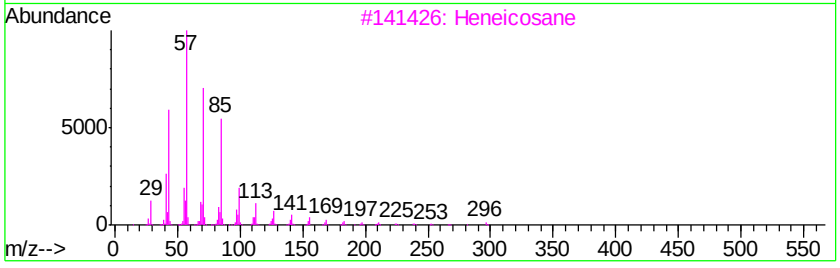
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	7.58 ng	659222	Naphthalene-d8	10.40

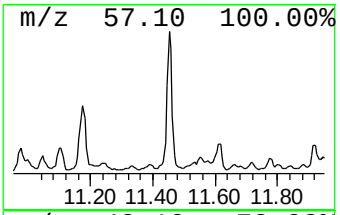
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Tridecane	184	C13H28	000629-50-5	92
3	Heneicosane	296	C21H44	000629-94-7	89
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	76
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	76

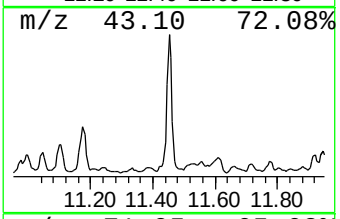


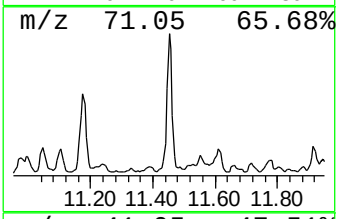


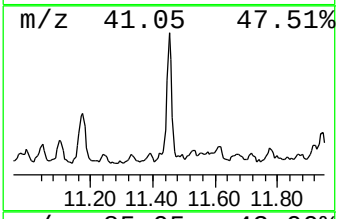


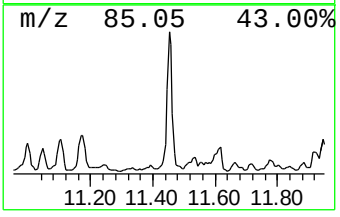












Library Search Compound Report

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Data File : BP001034.D
Acq On : 12 Nov 2019 00:08
Operator : JU
Sample : K5673-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-05-110819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.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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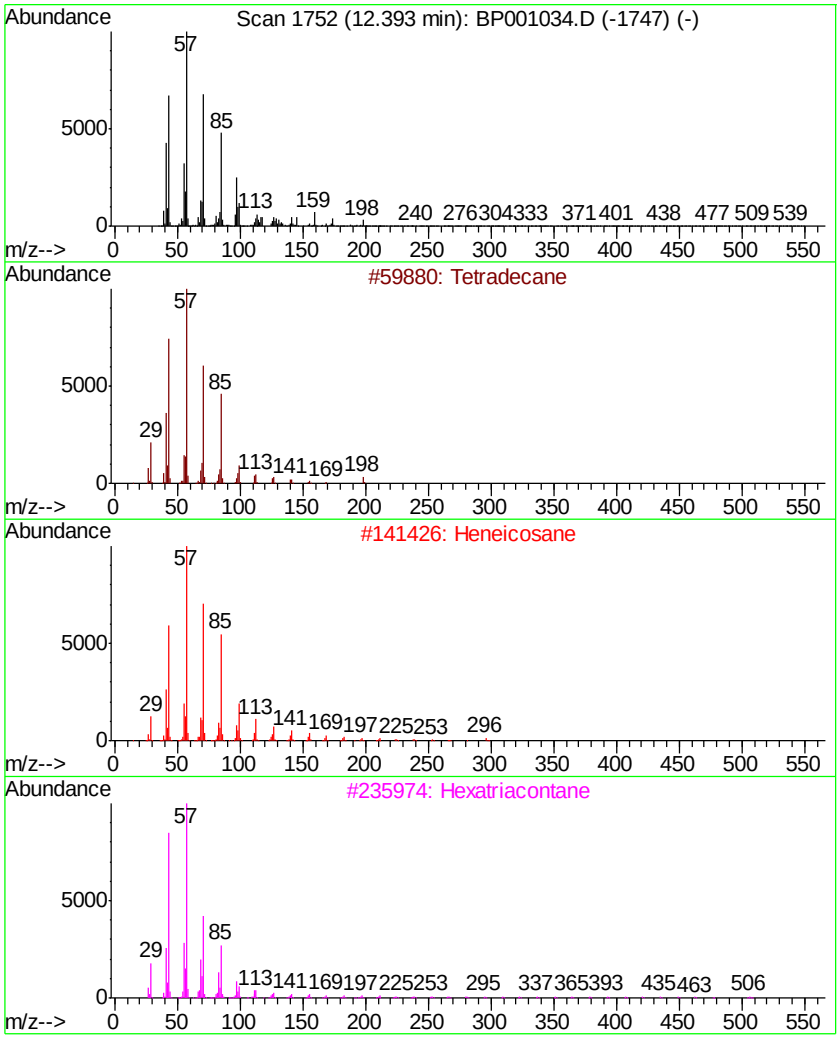
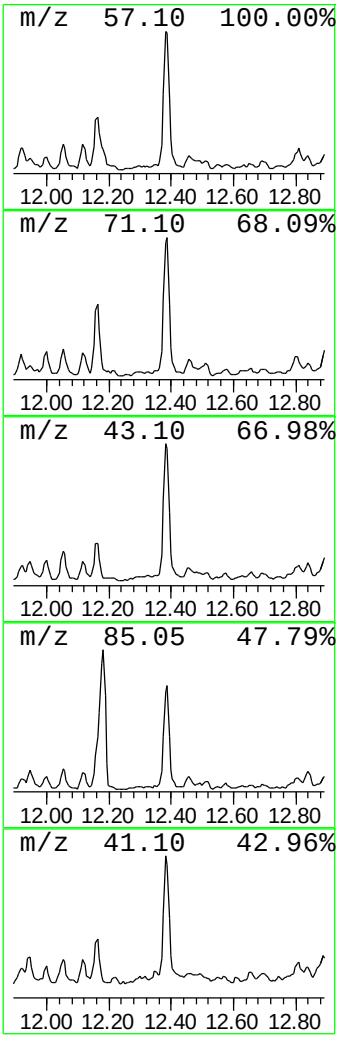
Peak Number 7 Hexatriacontane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	5.55 ng	754661	Acenaphthene-d10	13.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexatriacontane	507	C36H74	000630-06-8	91
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	91
5	Tridecane	184	C13H28	000629-50-5	87





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ClientSampleId : PL-05-110819

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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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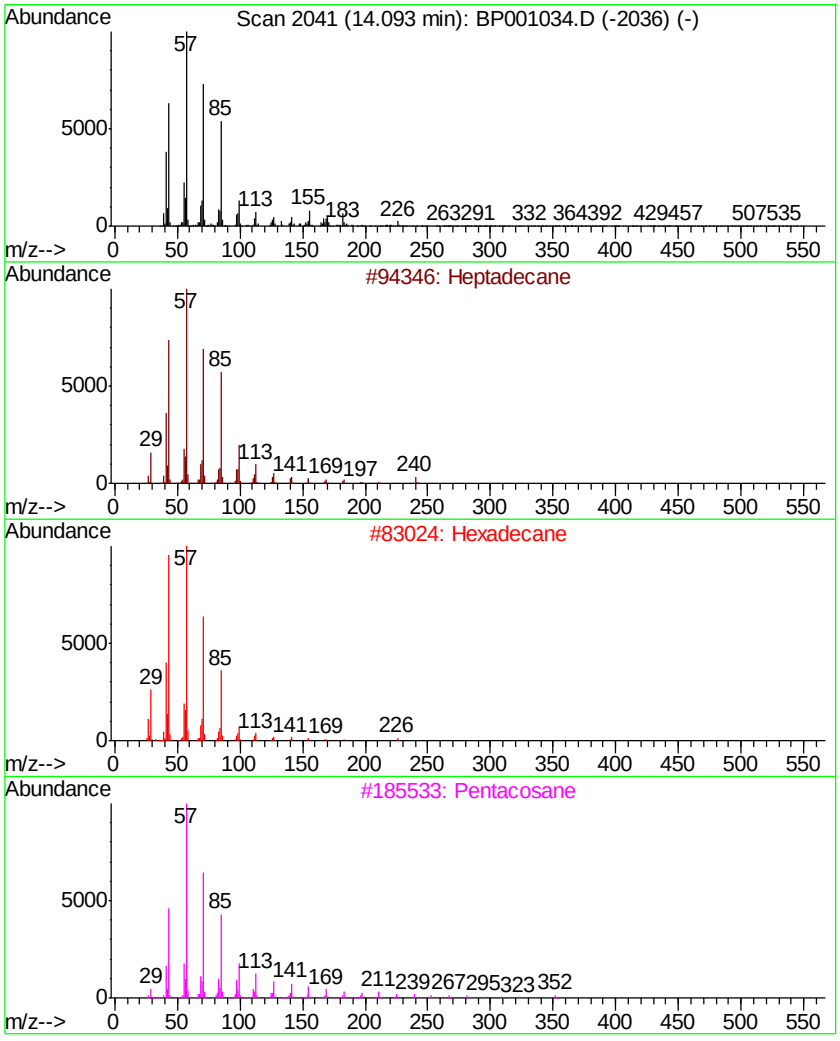
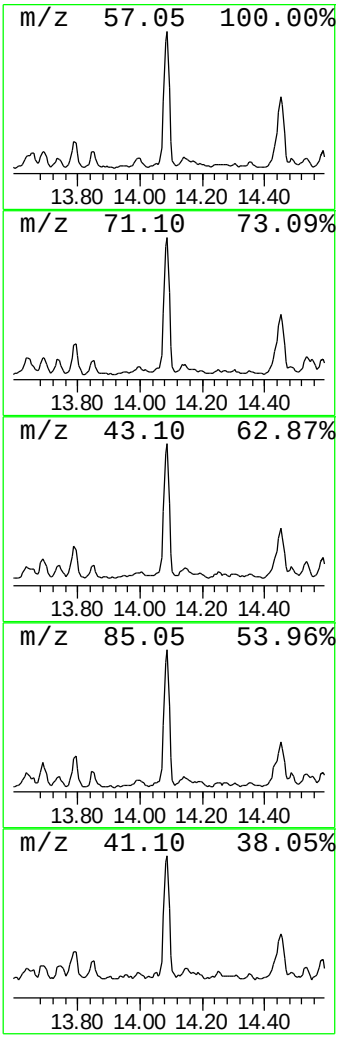
Peak Number 8 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	5.87 ng	798707	Acenaphthene-d10	13.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Hexadecane	226	C16H34	000544-76-3	97
3	Pentacosane	352	C25H52	000629-99-2	93
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Heneicosane	296	C21H44	000629-94-7	93





Library Search Compound Report

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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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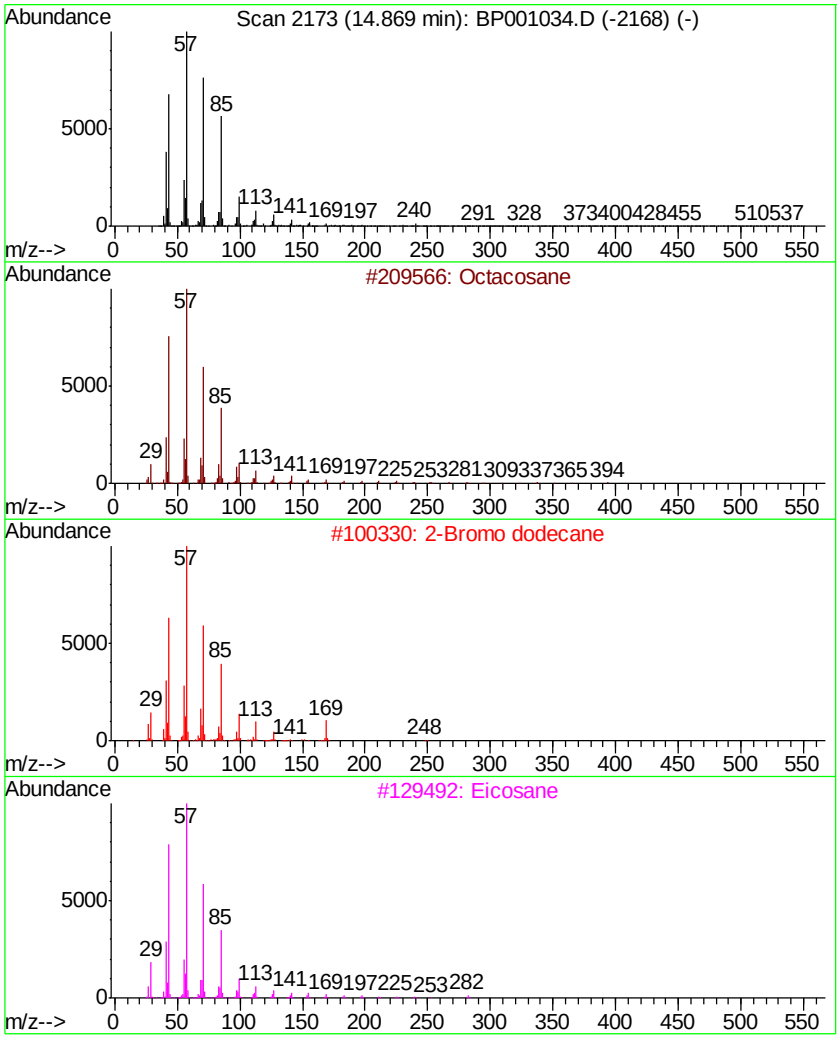
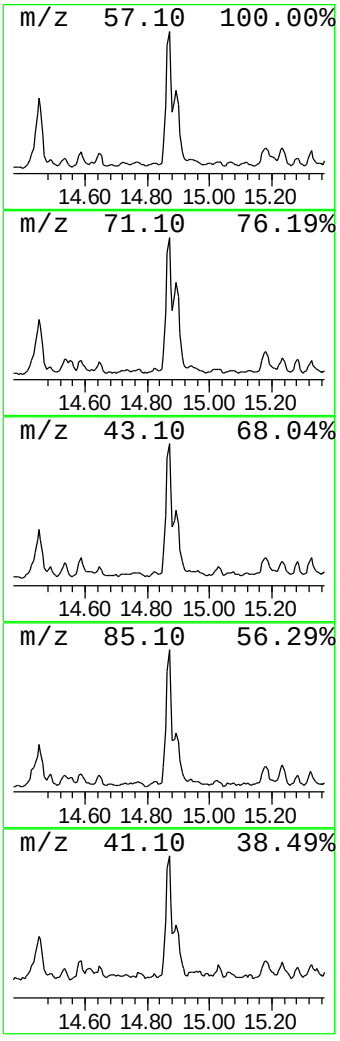
Peak Number 9 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	9.59 ng	900909	Phenanthrene-d10	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	93
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Eicosane	282	C20H42	000112-95-8	90
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





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ClientSampleId : PL-05-110819

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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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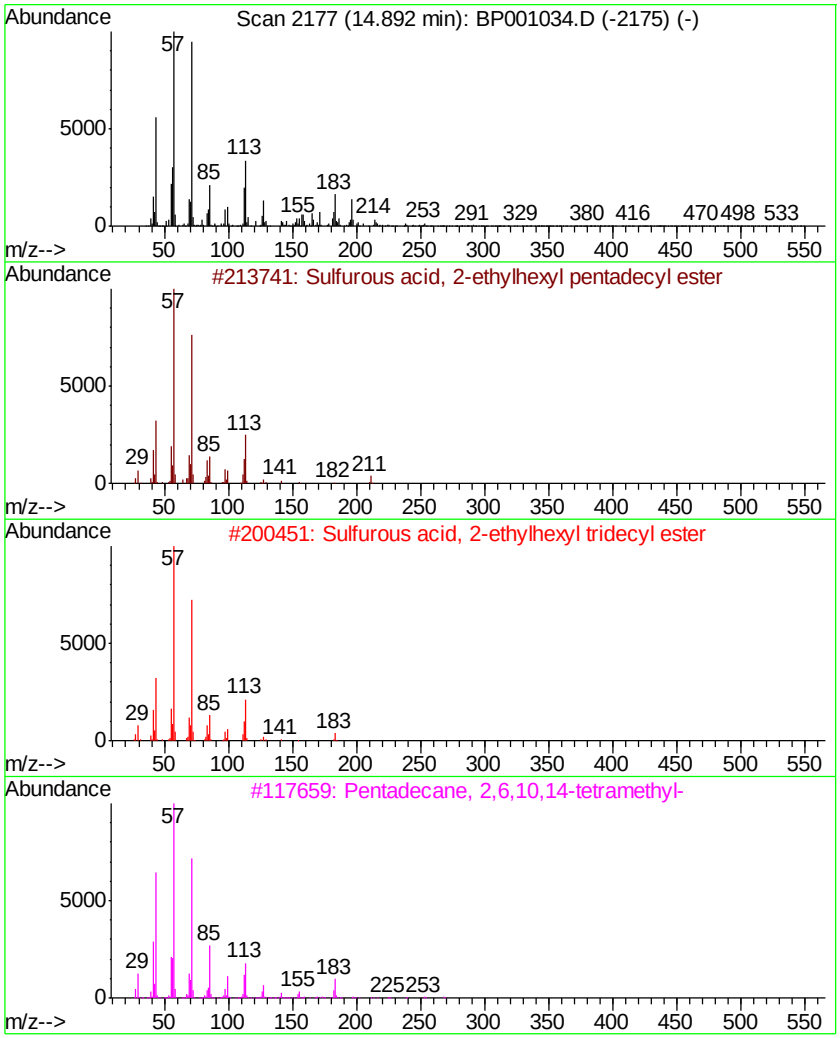
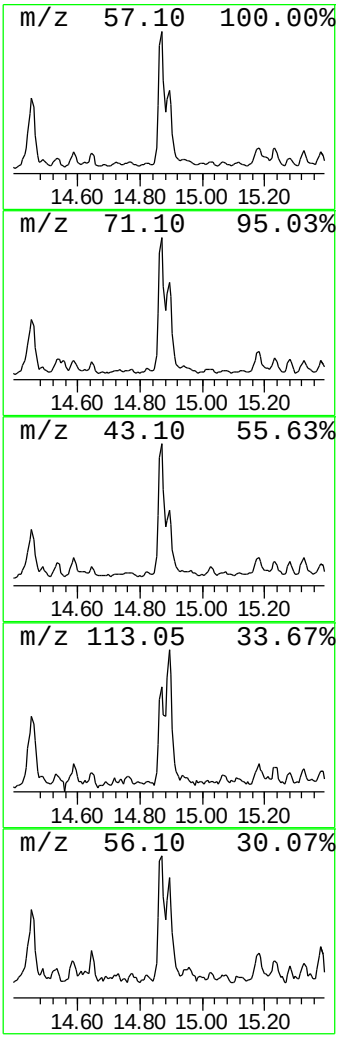
Peak Number 10 Sulfurous acid, 2-ethylhexy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	5.82 ng	546801	Phenanthrene-d10	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl pen...	404	C23H48O3S	1000309-19-8	64
2	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	59
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	55
4	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	53
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	53





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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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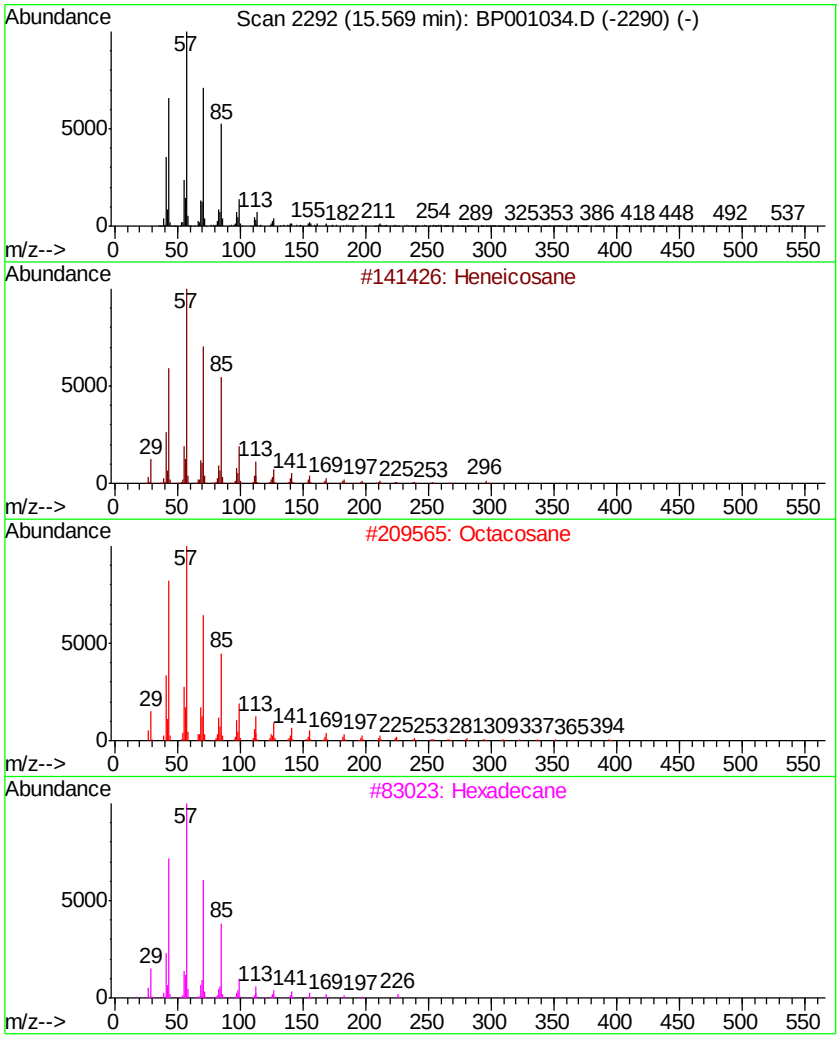
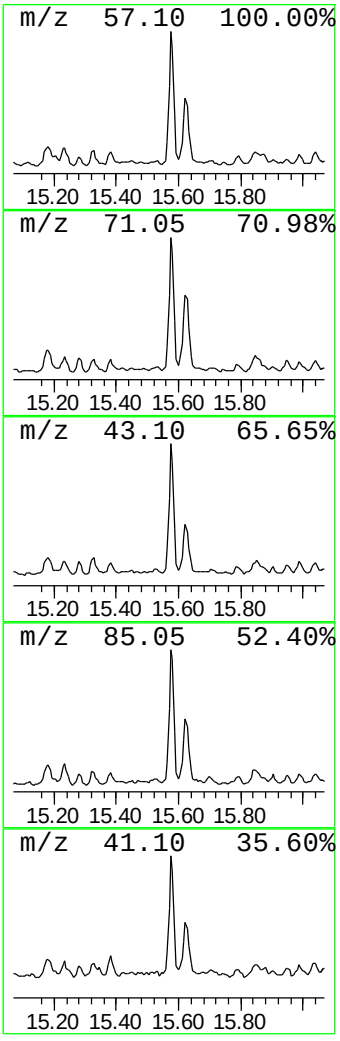
Peak Number 11 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	7.47 ng	701312	Phenanthrene-d10	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Octacosane	394	C28H58	000630-02-4	94
3	Hexadecane	226	C16H34	000544-76-3	94
4	Heptacosane	380	C27H56	000593-49-7	91
5	Tetradecane	198	C14H30	000629-59-4	91





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Instrument : BNA_P
ClientSampleId : PL-05-110819

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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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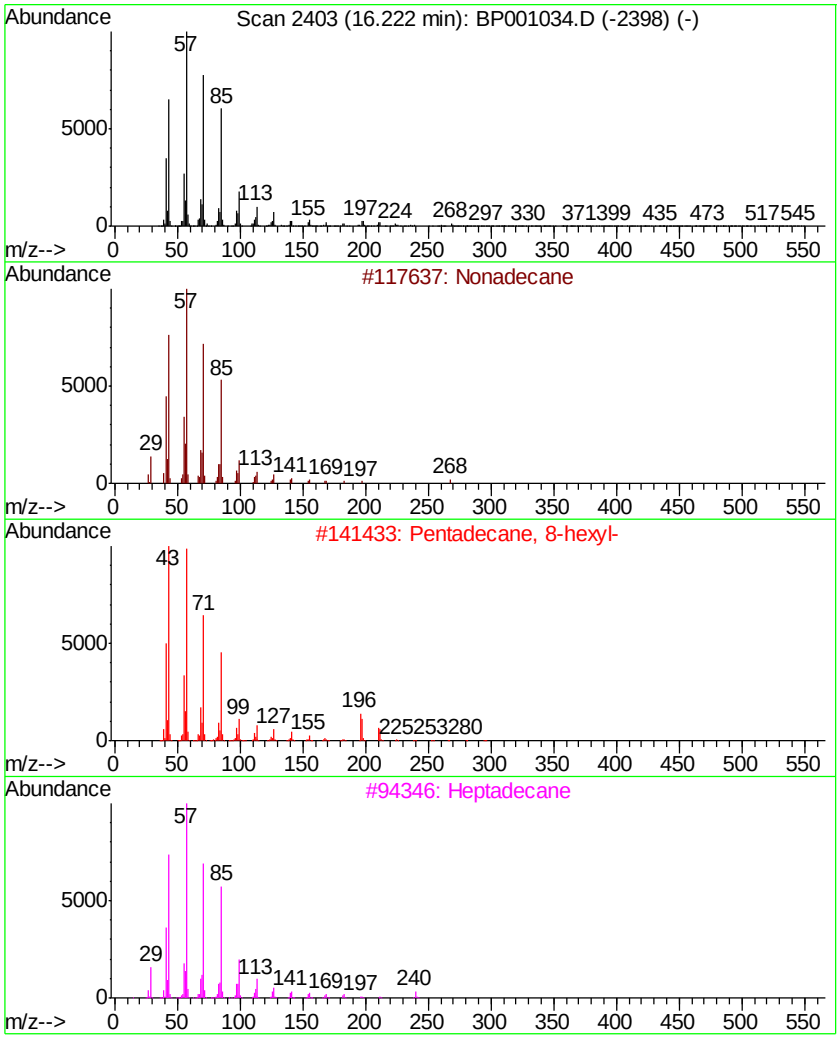
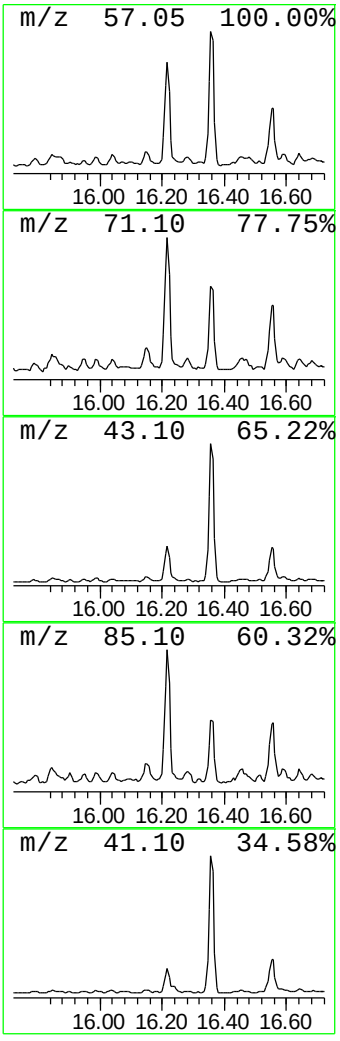
Peak Number 12 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	7.40 ng	694818	Phenanthrene-d10	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3	Heptadecane	240	C17H36	000629-78-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Tetracosane	338	C24H50	000646-31-1	91





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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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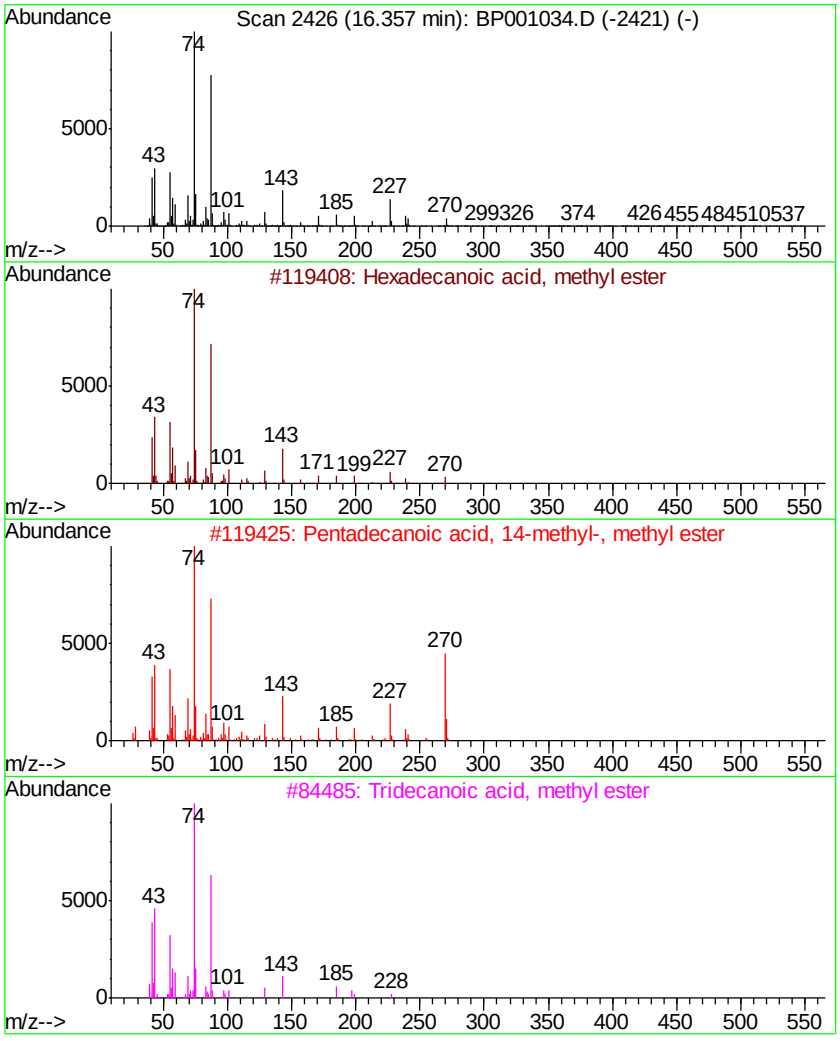
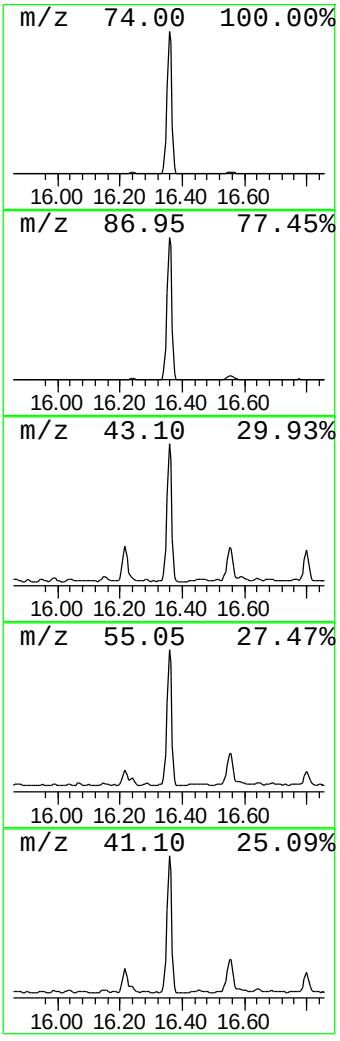
Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	61.83 ng	5806740	Phenanthrene-d10	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86





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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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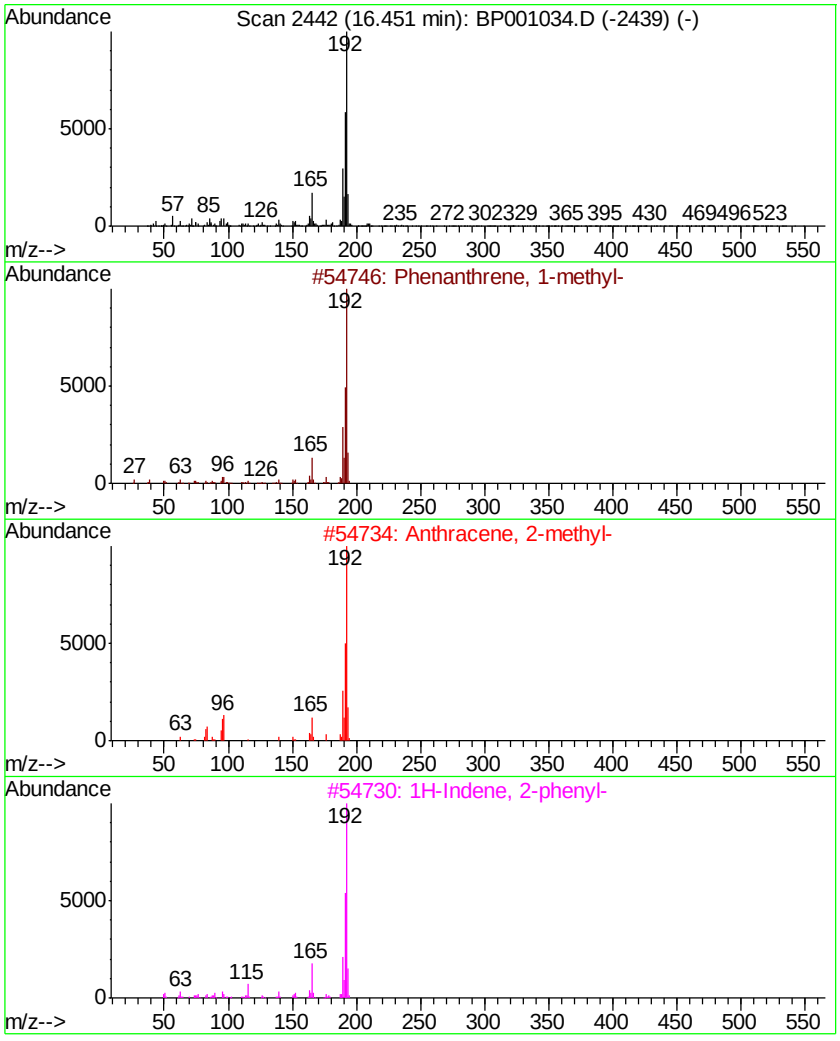
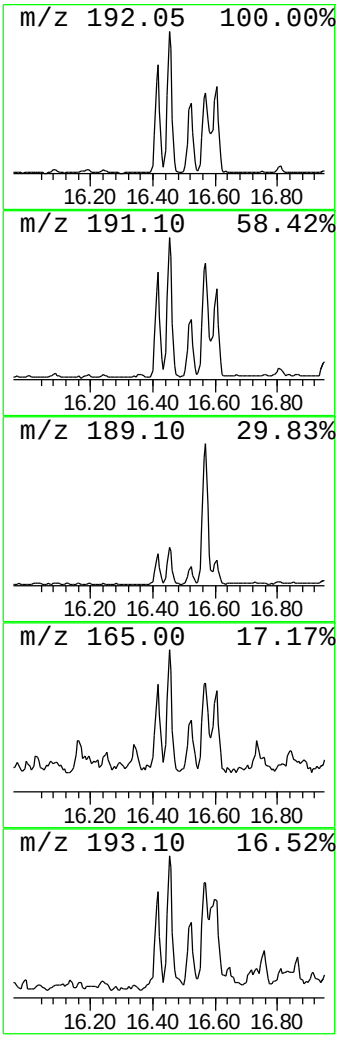
Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	6.70 ng	629608	Phenanthrene-d10	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





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ClientSampleId : PL-05-110819

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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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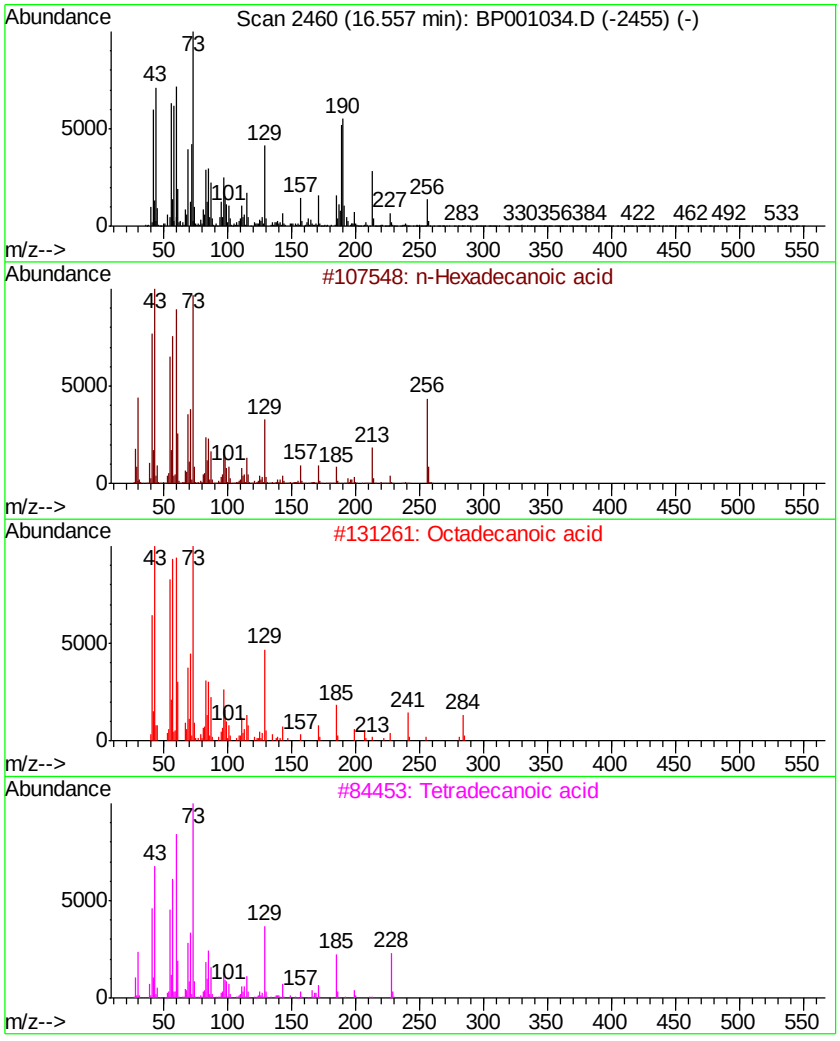
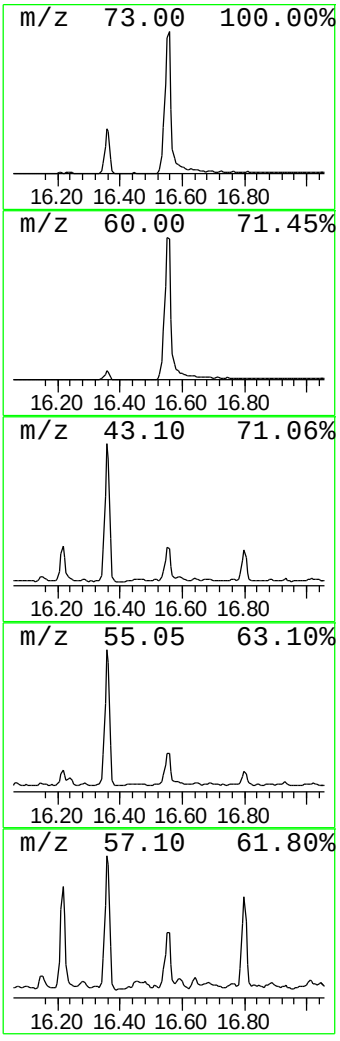
Peak Number 15 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	20.65 ng	1939380	Phenanthrene-d10	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	60
4	Tridecanoic acid	214	C13H26O2	000638-53-9	50
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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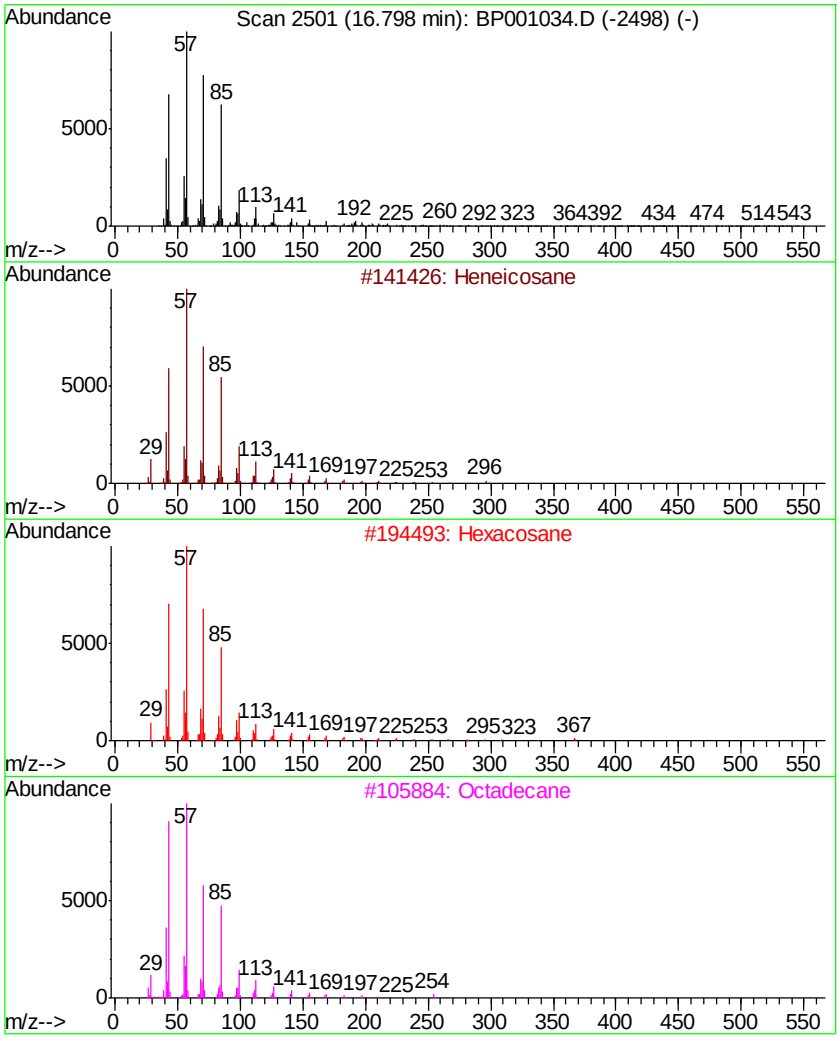
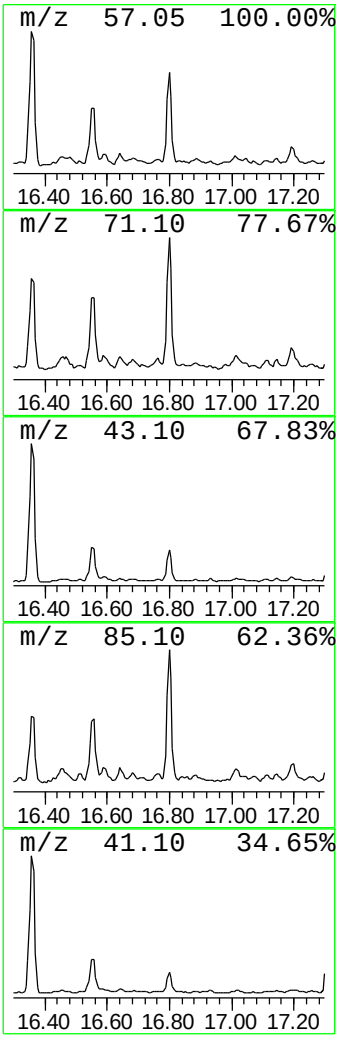
Peak Number 16 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	6.41 ng	601901	Phenanthrene-d10	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Heptadecane	240	C17H36	000629-78-7	90





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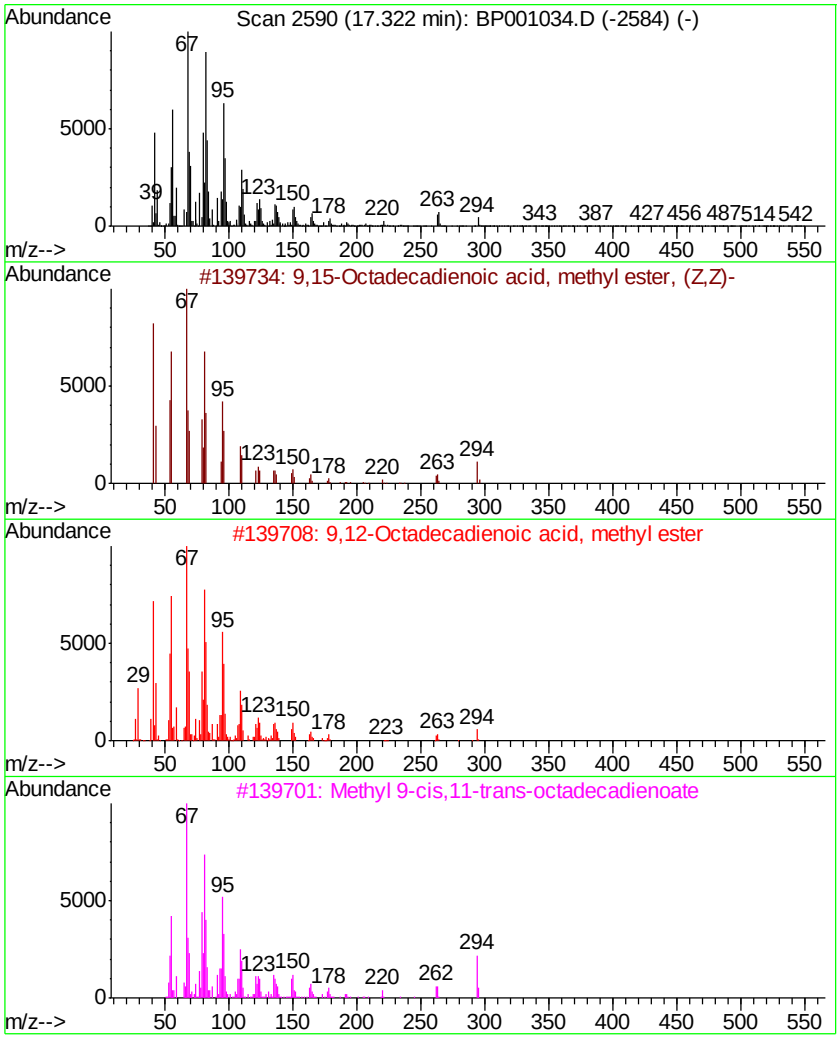
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

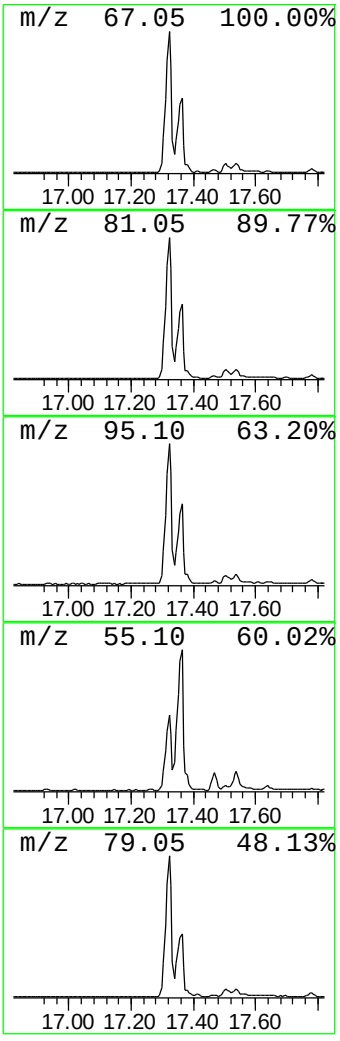
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9,15-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.32	166.75 ng	15660100	Phenanthrene-d10	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-05-110819

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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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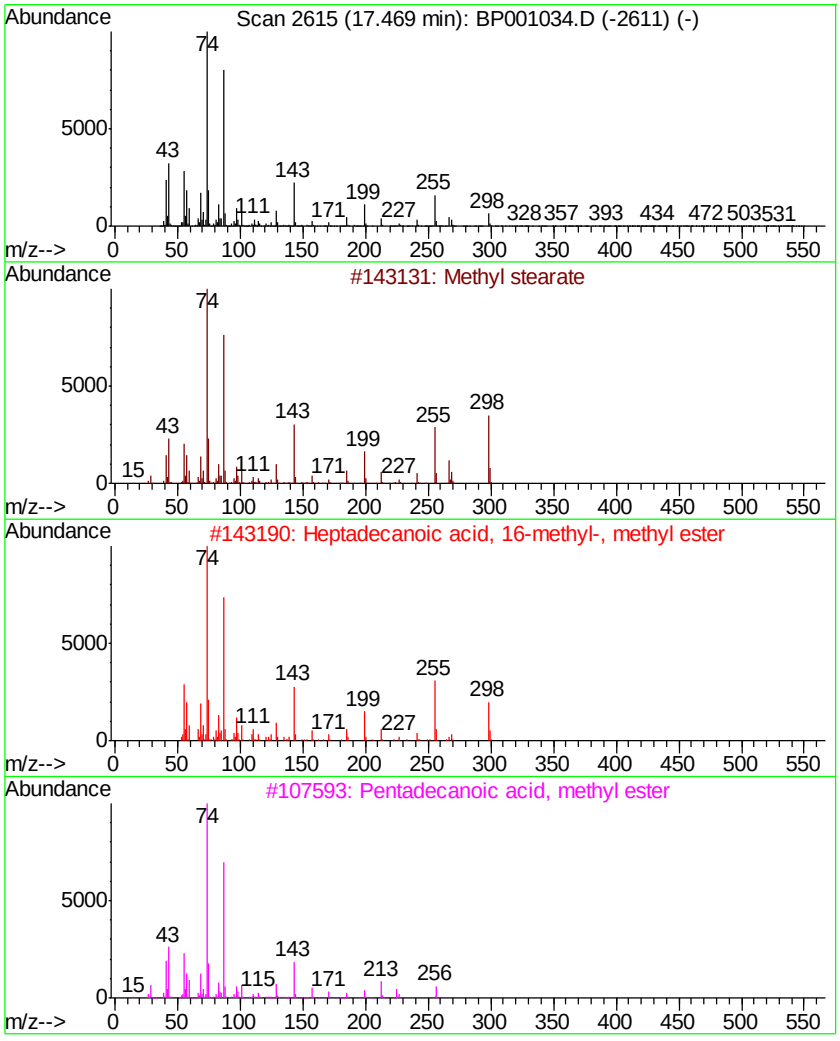
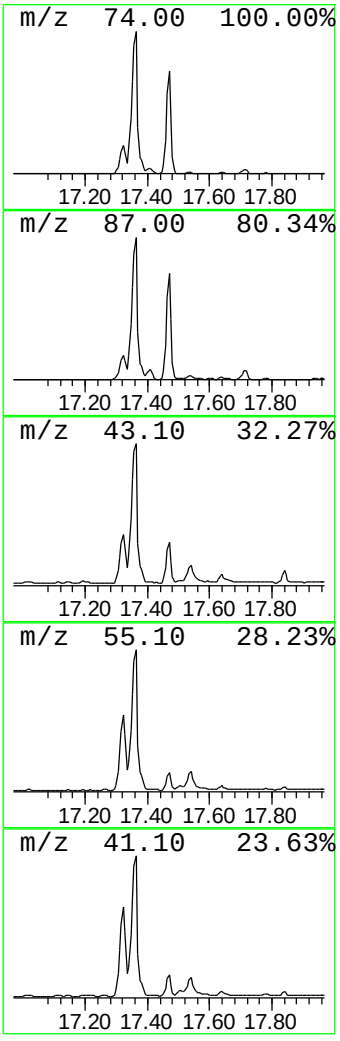
Peak Number 18 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	30.33 ng	2848130	Phenanthrene-d10	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
4	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	83
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	80





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Acq On : 12 Nov 2019 00:08
Operator : JU
Sample : K5673-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-05-110819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.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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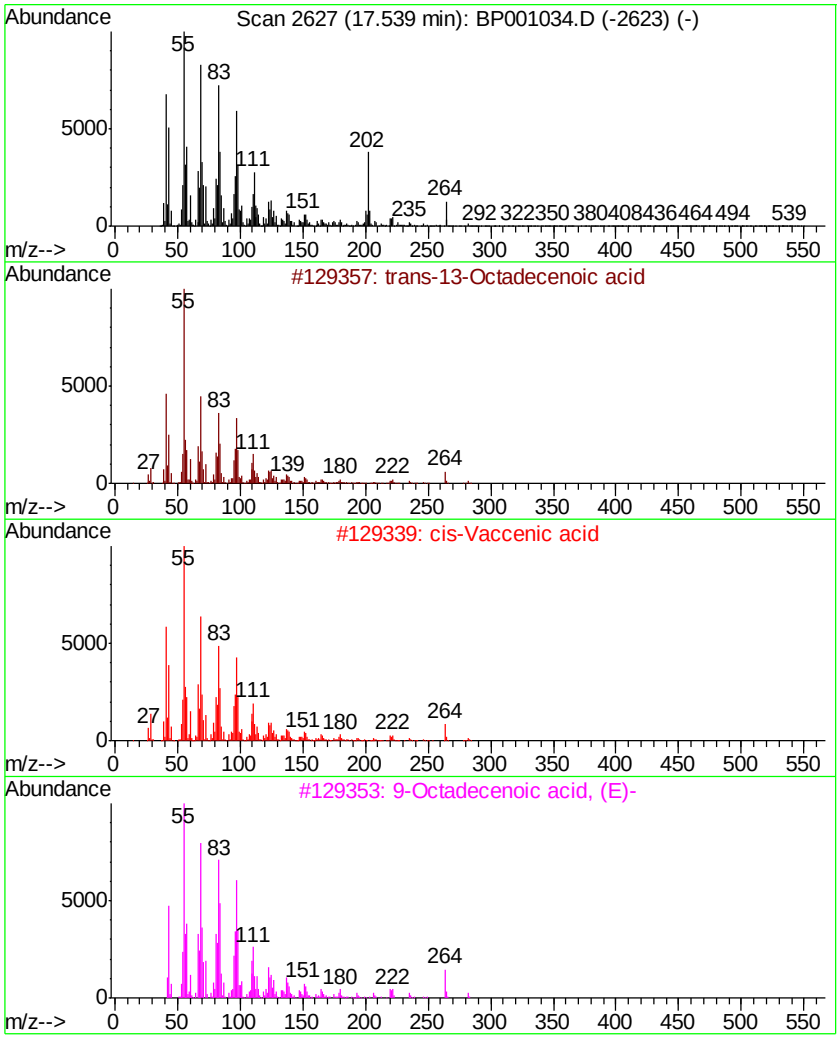
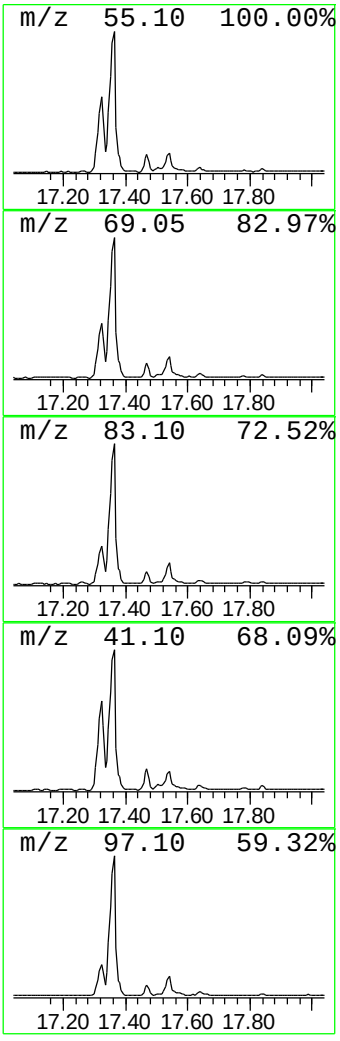
Peak Number 19 trans-13-Octadecenoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	13.65 ng	2742240	Chrysene-d12	19.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	95
2	cis-Vaccenic acid	282	C18H34O2	000506-17-2	95
3	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	93
4	Oleic Acid	282	C18H34O2	000112-80-1	93
5	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	92





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Data File : BP001034.D
Acq On : 12 Nov 2019 00:08
Operator : JU
Sample : K5673-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-05-110819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.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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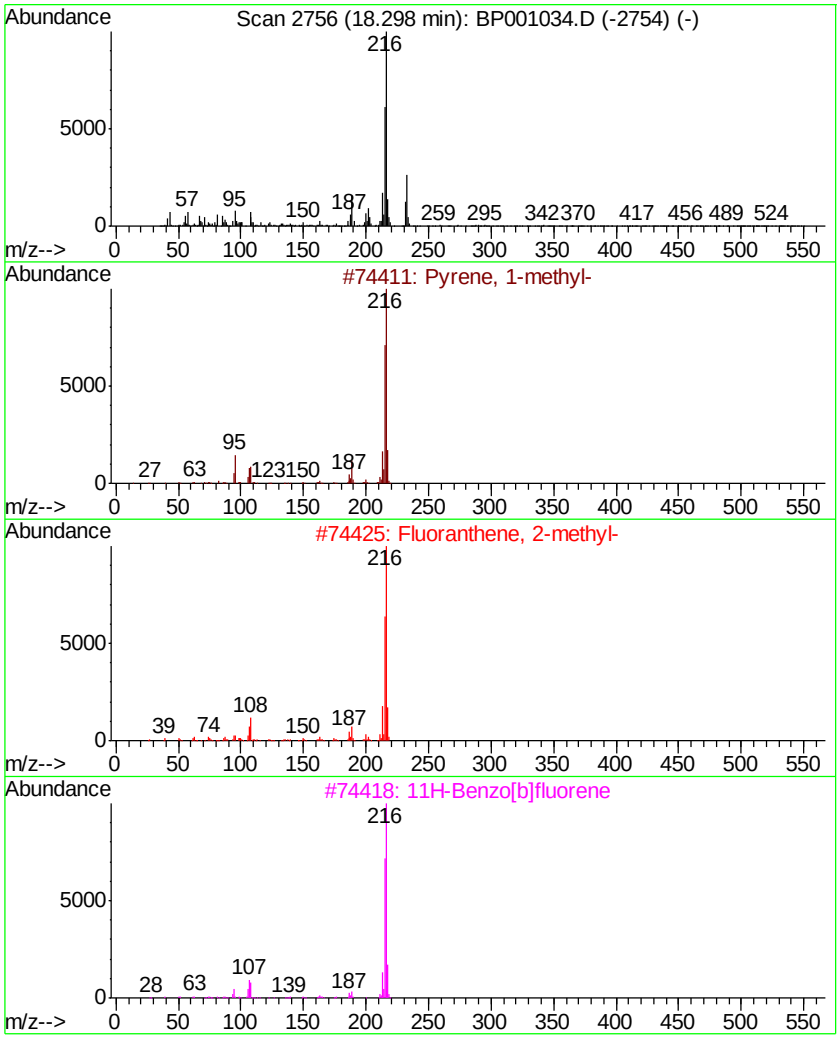
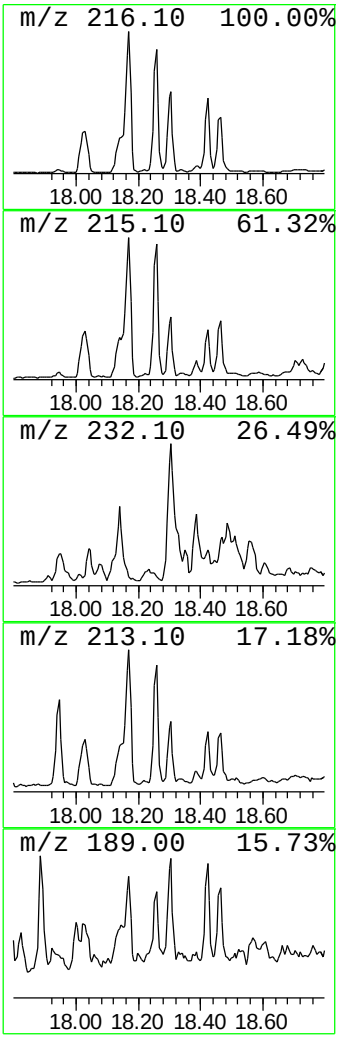
Peak Number 20 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	6.35 ng	1274860	Chrysene-d12	19.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP111119\
Data File : BP001034.D
Acq On : 12 Nov 2019 00:08
Operator : JU
Sample : K5673-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-05-110819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.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
Butane, 2-methoxy...	2.30	8.8	ng	565035	1	8.38	1287390	20.0
2-Pentanone, 4-hy...	5.73	8.6	ng	553871	1	8.38	1287390	20.0
unknown8.02	8.02	61.0	ng	3927620	1	8.38	1287390	20.0
Dodecane, 4,6-dim...	11.18	6.0	ng	521852	2	10.40	1739960	20.0
Tetradecane	11.45	7.6	ng	659222	2	10.40	1739960	20.0
Hexatriacontane	12.39	5.5	ng	754661	3	13.26	2719840	20.0
Heptadecane	14.09	5.9	ng	798707	3	13.26	2719840	20.0
Octacosane	14.87	9.6	ng	900909	4	15.66	1878260	20.0
Sulfurous acid, 2...	14.89	5.8	ng	546801	4	15.66	1878260	20.0
Hexadecane	15.57	7.5	ng	701312	4	15.66	1878260	20.0
Nonadecane	16.22	7.4	ng	694818	4	15.66	1878260	20.0
Hexadecanoic acid...	16.36	61.8	ng	5806740	4	15.66	1878260	20.0
Phenanthrene, 1-m...	16.45	6.7	ng	629608	4	15.66	1878260	20.0
n-Hexadecanoic acid	16.56	20.6	ng	1939380	4	15.66	1878260	20.0
Heneicosane	16.80	6.4	ng	601901	4	15.66	1878260	20.0
9,15-Octadecadien...	17.32	166.8	ng	15660100	4	15.66	1878260	20.0
Methyl stearate	17.47	30.3	ng	2848130	4	15.66	1878260	20.0
trans-13-Octadece...	17.54	13.7	ng	2742240	5	19.30	4018110	20.0
Pyrene, 1-methyl-	18.30	6.3	ng	1274860	5	19.30	4018110	20.0