LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001542.D
Acq On : 06 Jan 2020 22:08
Operator : JU
Sample : L1009-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NB-08-010220

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-BP010320.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	2.911	16	21	32	rBV2	31551	73258	2.20%	0.242%
2	2.999	32	36	48	rVB	166001	223164	6.71%	0.739%
3	4.869	347	354	361	rBV	170720	235035	7.07%	0.778%
4	5.316	424	430	442	rBV	821394	1171837	35.26%	3.878%
5	6.887	689	697	707	rVB	887228	1409696	42.41%	4.666%
6	7.228	746	755	765	rBV	864385	1338329	40.27%	4.429%
7	7.681	824	832	839	rBV	235072	371328	11.17%	1.229%
8	7.999	878	886	893	rBV	658025	1032550	31.07%	3.417%
9	8.828	1015	1027	1036	rBV	551831	884835	26.62%	2.928%
10	10.457	1294	1304	1310	rBV	312594	525402	15.81%	1.739%
11	11.916	1544	1552	1558	rBV	45871	79234	2.38%	0.262%
12	12.122	1579	1587	1596	rVB2	37956	73814	2.22%	0.244%
13	12.345	1620	1625	1629	rBV2	22605	35439	1.07%	0.117%
14	12.940	1720	1726	1732	rVB	1138107	1667984	50.19%	5.520%
15	13.175	1757	1766	1773	rBV2	73543	127179	3.83%	0.421%
16	13.481	1814	1818	1826	rBV5	20143	48900	1.47%	0.162%
17	13.698	1850	1855	1861	rVB5	23480	41035	1.23%	0.136%
18	13.792	1867	1871	1875	rBV	58187	72223	2.17%	0.239%
19	14.040	1909	1913	1919	rVB2	26594	45814	1.38%	0.152%
20	14.257	1945	1950	1954	rBV	102748	125846	3.79%	0.417%
21	14.322	1954	1961	1967	rVV	427081	630043	18.96%	2.085%
22	14.381	1967	1971	1975	rBV	24264	33336	1.00%	0.110%
23	14.481	1982	1988	1994	rVB	958320	1169062	35.17%	3.869%
24	14.722	2022	2029	2034	rBV4	32322	65635	1.97%	0.217%
25	14.787	2034	2040	2043	rBV3	25889	42749	1.29%	0.141%
26	14.881	2053	2056	2062	rVB3	30789	45761	1.38%	0.151%
27	15.216	2109	2113	2118	rVB	110790	134858	4.06%	0.446%
28	15.375	2136	2140	2145	rBV2	40543	55922	1.68%	0.185%
29	15.628	2176	2183	2187	rBV	37101	70447	2.12%	0.233%
30	15.822	2210	2216	2225	rVB	985616	1388056	41.76%	4.594%
31	16.086	2257	2261	2264	rBV	121860	151253	4.55%	0.501%
32	16.116	2264	2266	2273	rVB	40524	44839	1.35%	0.148%
33	16.275	2288	2293	2298	rBV	551422	653777	19.67%	2.164%
34	16.881	2392	2396	2402	rBV2	119366	165120	4.97%	0.546%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001542.D
Acq On : 06 Jan 2020 22:08
Operator : JU
Sample : L1009-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NB-08-010220

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-BP010320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.939	2402	2406	2411	rVB2	44113	66005	1.99%	0.218%
36	17.081	2424	2430	2434	rBV	484704	691424	20.80%	2.288%
37	17.122	2434	2437	2444	rVV	196901	253995	7.64%	0.841%
38	17.210	2448	2452	2458	rVB	90990	134521	4.05%	0.445%
39	17.628	2517	2523	2526	rBV2	111609	149384	4.49%	0.494%
40	17.663	2526	2529	2533	rVB	45725	55194	1.66%	0.183%
41	17.798	2547	2552	2558	rVB	1071124	1261230	37.95%	4.174%
42	17.957	2575	2579	2583	rBV	39818	55047	1.66%	0.182%
43	18.016	2583	2589	2594	rBV2	164241	244432	7.35%	0.809%
44	18.139	2605	2610	2615	rBV2	79869	150853	4.54%	0.499%
45	18.304	2635	2638	2643	rVB	96667	99727	3.00%	0.330%
46	18.445	2659	2662	2669	rVB2	41472	61641	1.85%	0.204%
47	18.851	2727	2731	2735	rBV	51782	78558	2.36%	0.260%
48	18.904	2735	2740	2743	rBV	2534215	3173527	95.48%	10.503%
49	18.939	2743	2746	2750	rVB	3112279	3323607	100.00%	11.000%
50	19.069	2763	2768	2770	rBV	416611	478857	14.41%	1.585%
51	19.104	2770	2774	2778	rVV	500809	650843	19.58%	2.154%
52	19.139	2778	2780	2783	rVV2	59129	59601	1.79%	0.197%
53	19.251	2797	2799	2802	rVB3	38049	37134	1.12%	0.123%
54	19.427	2824	2829	2830	rBV2	176834	248463	7.48%	0.822%
55	19.451	2830	2833	2837	rVB	379286	486048	14.62%	1.609%
56	19.669	2865	2870	2874	rBV	1588385	1908923	57.44%	6.318%
57	19.904	2906	2910	2912	rBV4	106166	139368	4.19%	0.461%
58	20.004	2924	2927	2928	rBV	78381	84655	2.55%	0.280%
59	20.027	2928	2931	2937	rVB2	127985	212173	6.38%	0.702%
60	20.133	2947	2949	2953	rVB	68426	64496	1.94%	0.213%
61	20.486	3006	3009	3012	rBV	75846	73705	2.22%	0.244%
62	20.927	3081	3084	3088	rVB3	248928	272543	8.20%	0.902%
63	21.180	3121	3127	3131	rBV2	597103	1141008	34.33%	3.776%
64	21.216	3131	3133	3141	rVB	278085	324139	9.75%	1.073%

Sum of corrected areas: 30214861

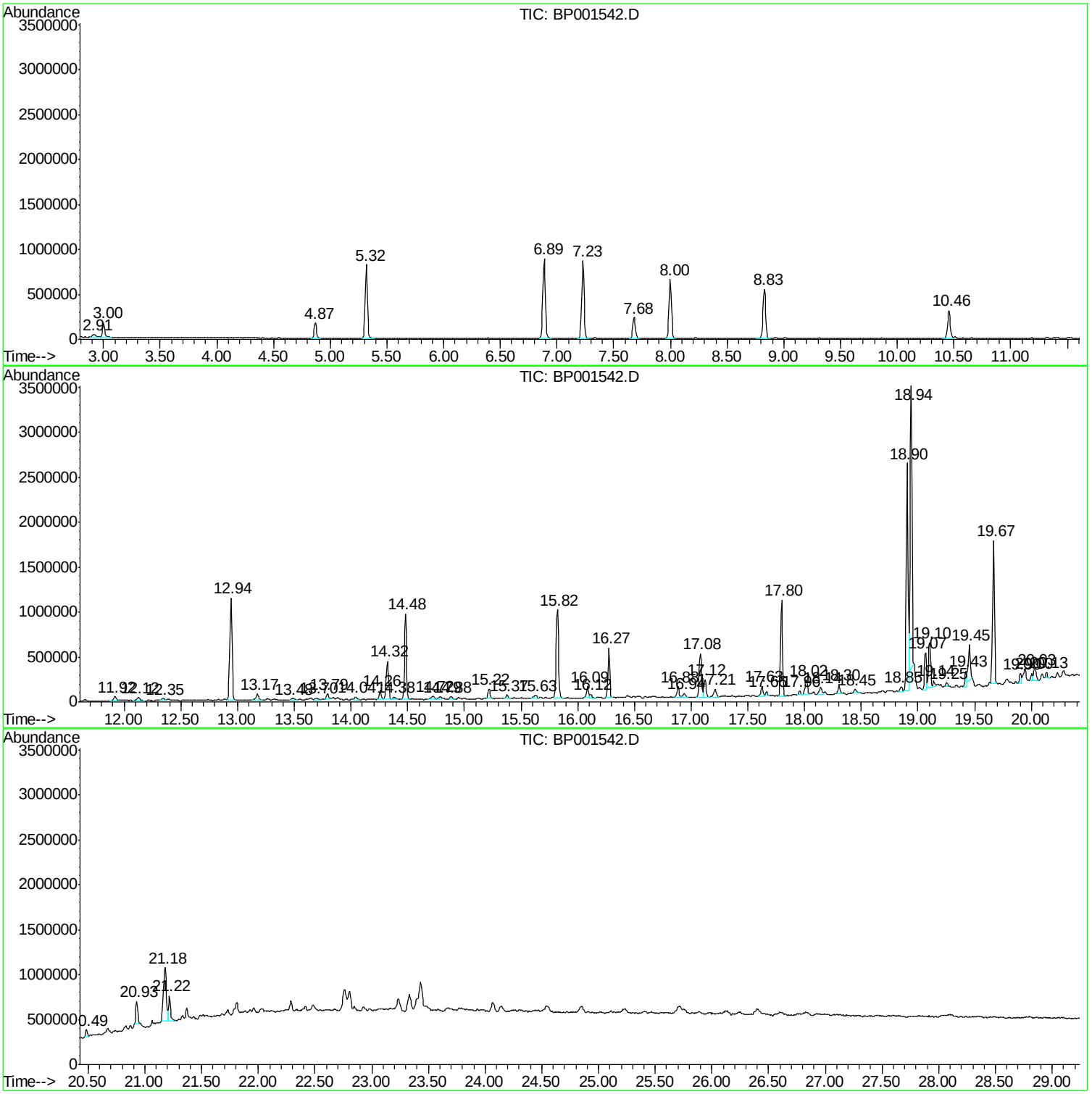
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001542.D
Acq On : 06 Jan 2020 22:08
Operator : JU
Sample : L1009-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NB-08-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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\BP010620\
Data File : BP001542.D
Acq On : 06 Jan 2020 22:08
Operator : JU
Sample : L1009-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NB-08-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

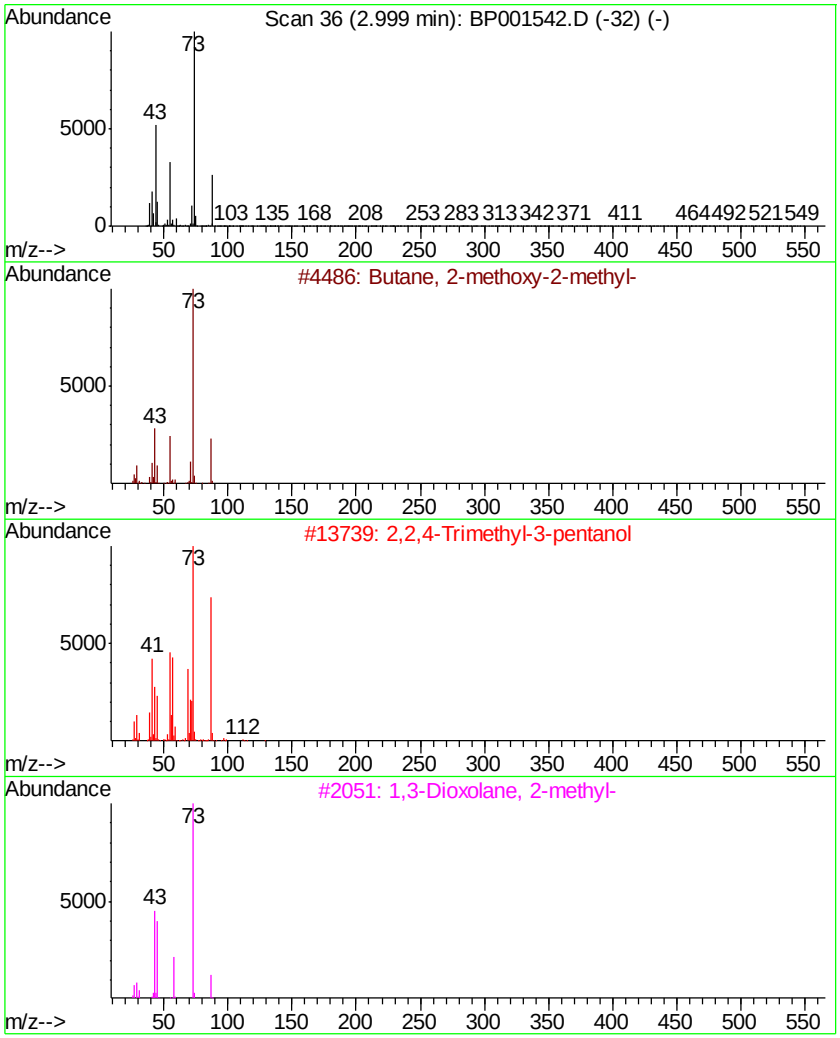
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

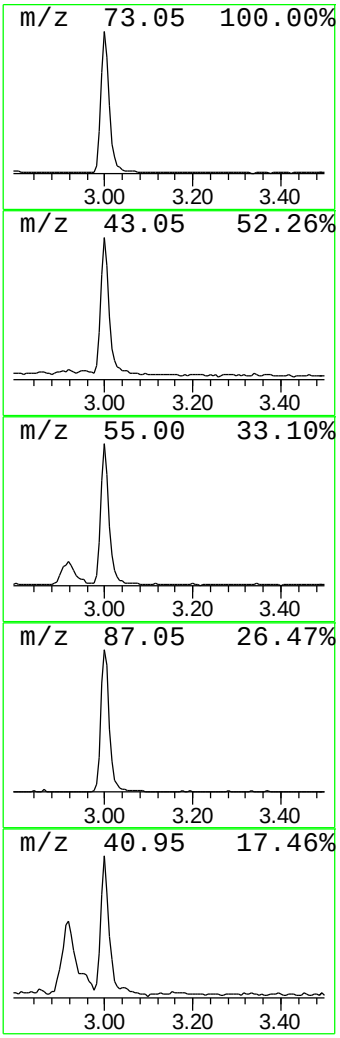
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	12.02 ng	223164	1,4-Dichlorobenzene-d4	7.68

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001542.D
Acq On : 06 Jan 2020 22:08
Operator : JU
Sample : L1009-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NB-08-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

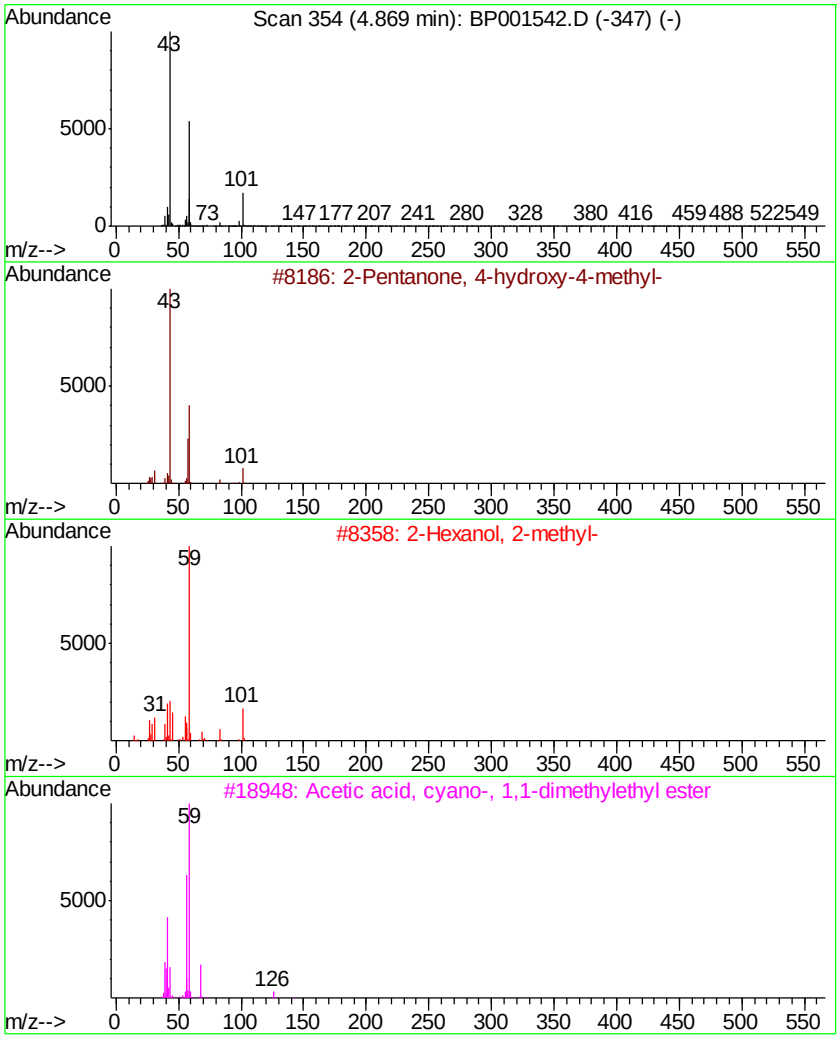
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

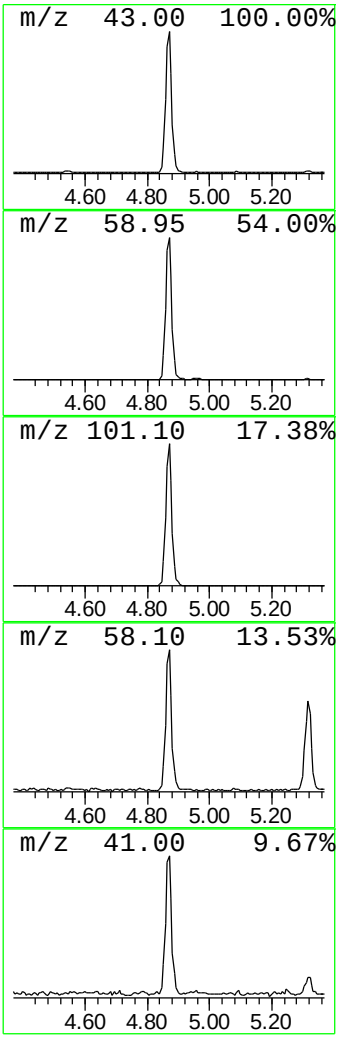
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	12.66 ng	235035	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001542.D
Acq On : 06 Jan 2020 22:08
Operator : JU
Sample : L1009-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NB-08-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

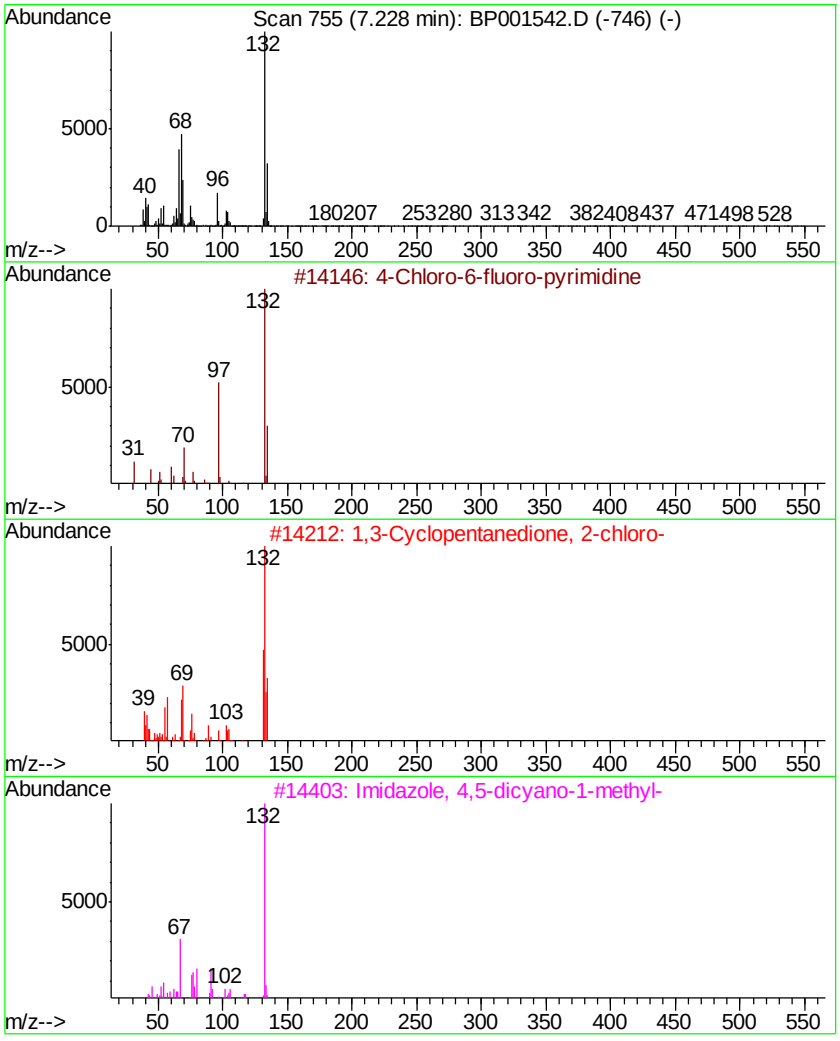
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

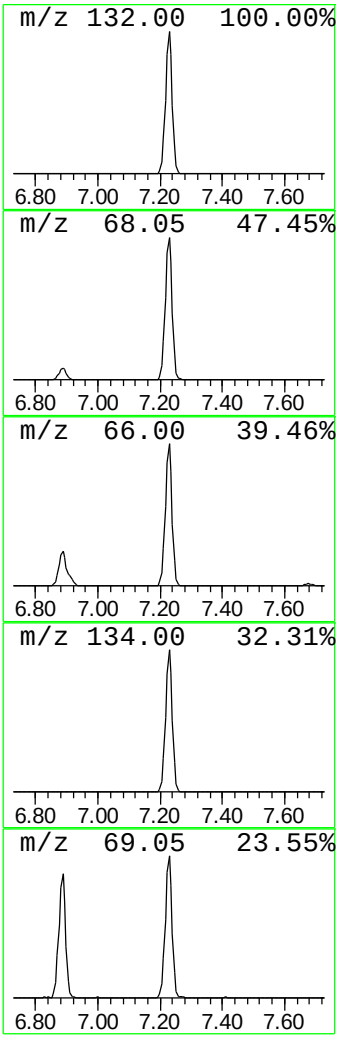
****

Peak Number 4 unknown7.23 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	72.08 ng	1338330	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001542.D
Acq On : 06 Jan 2020 22:08
Operator : JU
Sample : L1009-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NB-08-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

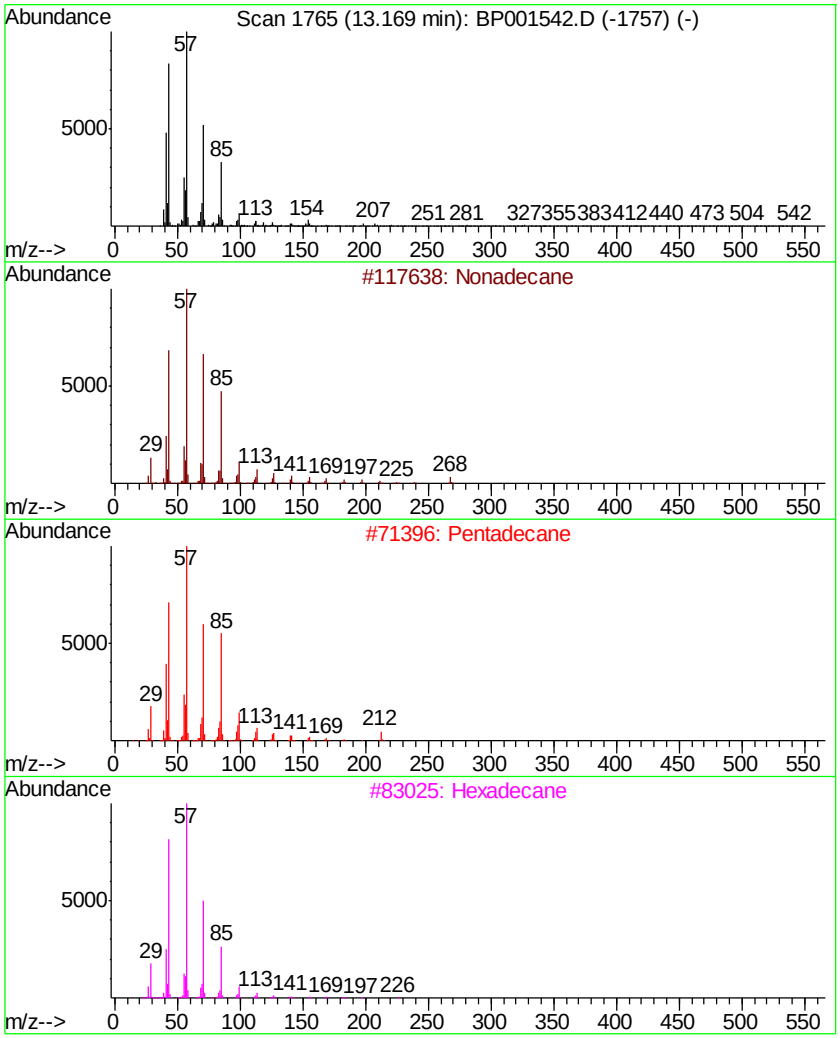
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

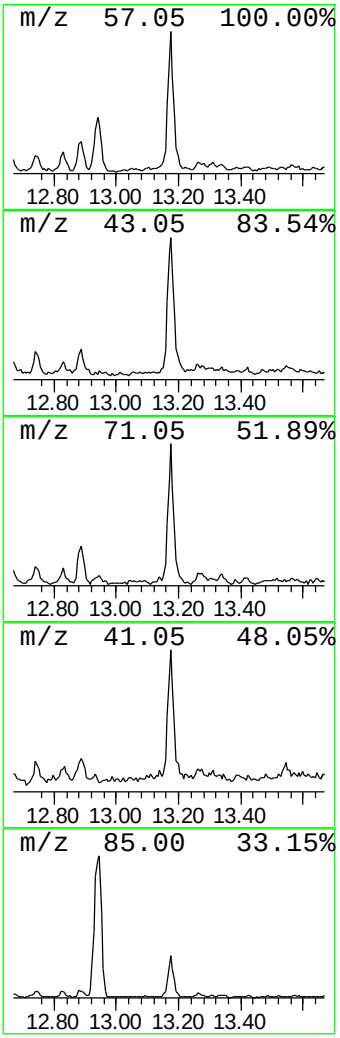
****

Peak Number 6 Nonadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	4.04 ng	127179	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Dotriacontane	451	C32H66	000544-85-4	87
5	Docosane, 11-decyl-	451	C32H66	055401-55-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001542.D
Acq On : 06 Jan 2020 22:08
Operator : JU
Sample : L1009-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NB-08-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

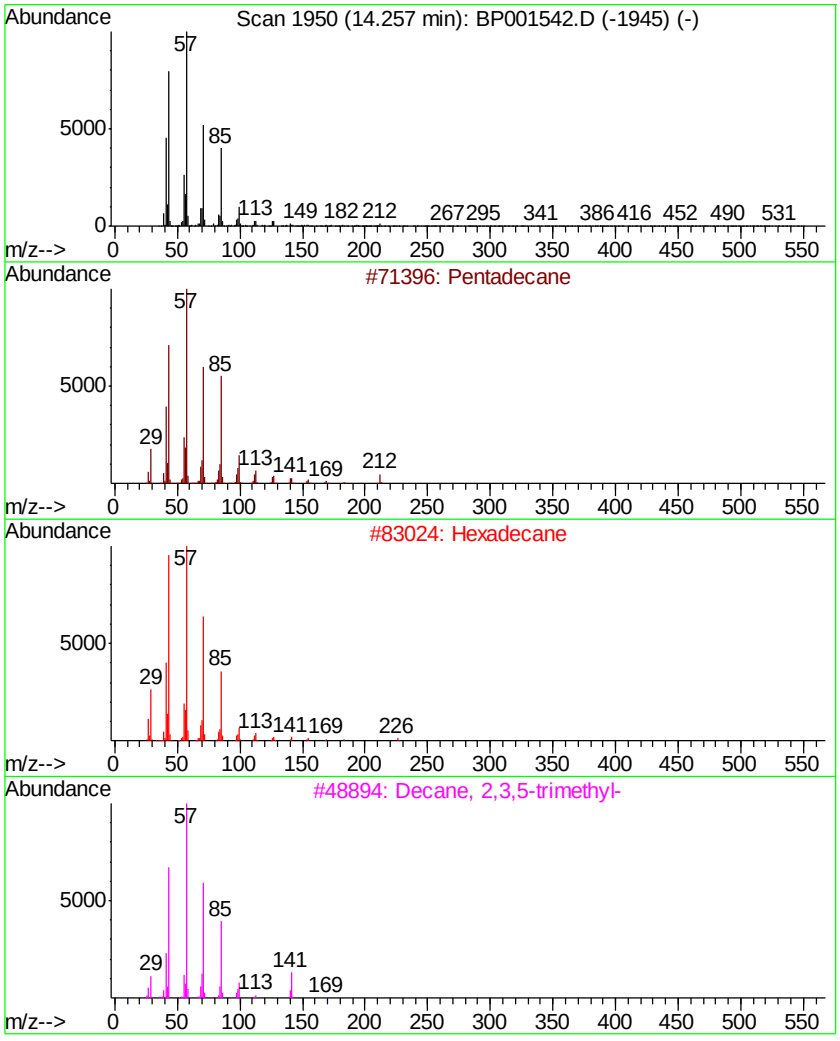
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

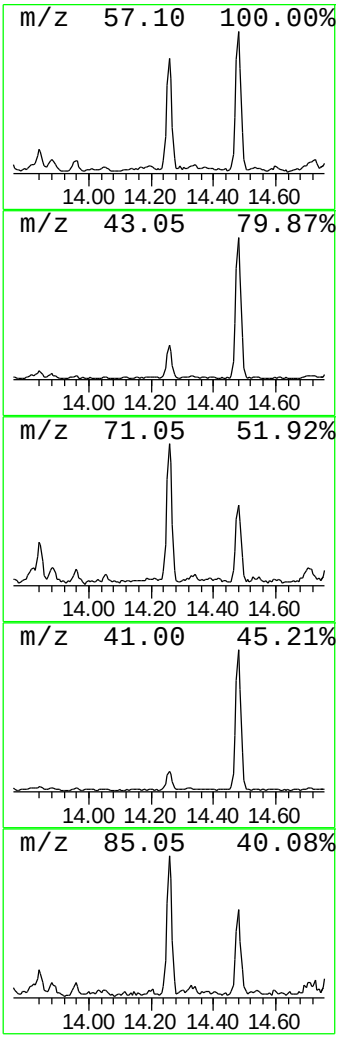
****

Peak Number 7 Pentadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	3.99 ng	125846	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Hexadecane	226	C16H34	000544-76-3	86
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	80
5	Tetradecane	198	C14H30	000629-59-4	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001542.D
Acq On : 06 Jan 2020 22:08
Operator : JU
Sample : L1009-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NB-08-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

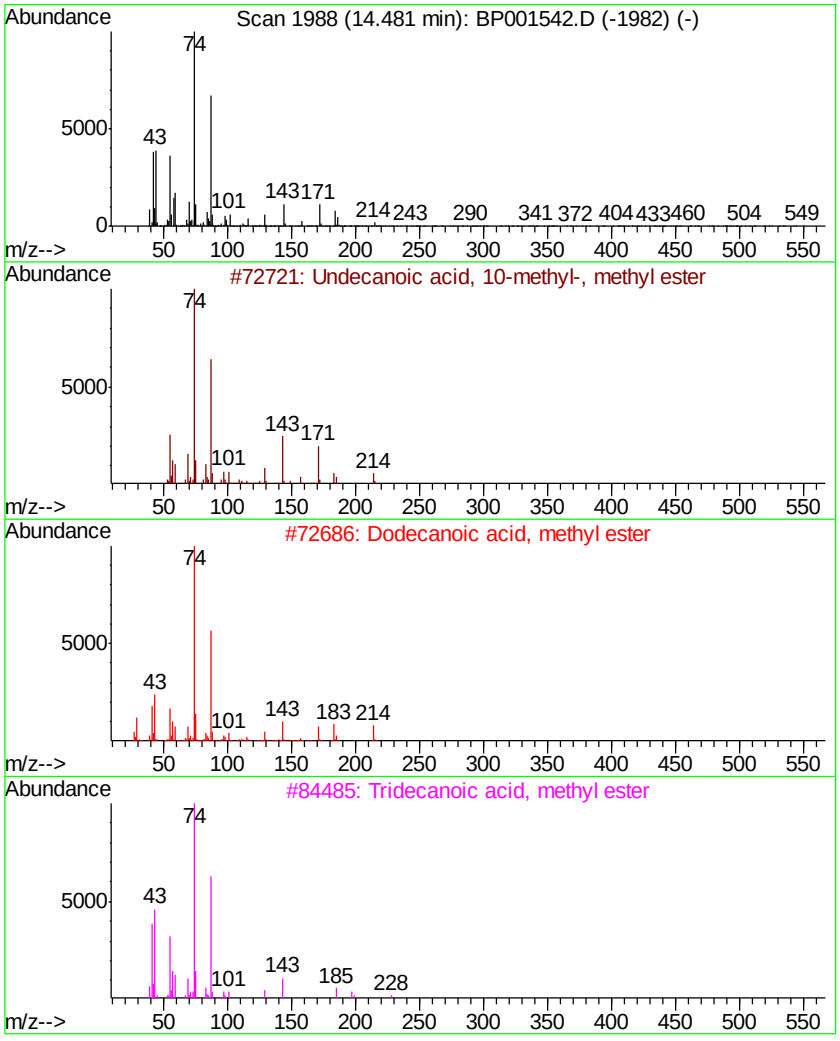
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

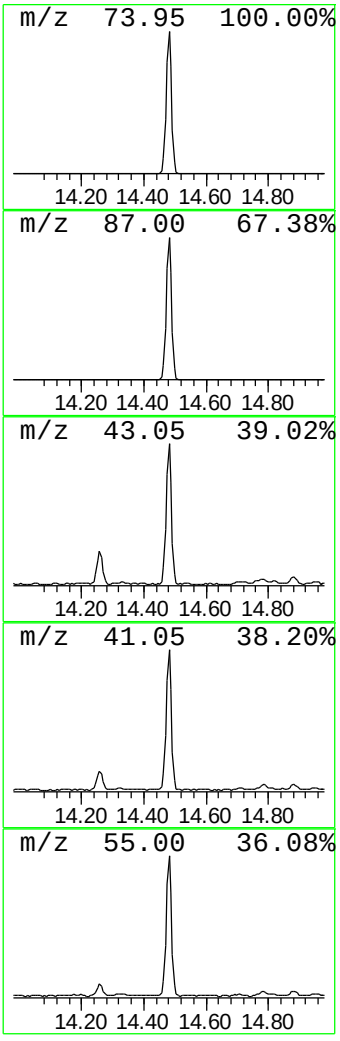
****

Peak Number 8 Undecanoic acid, 10-methyl-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	37.11 ng	1169060	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	96
2	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	90
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	83
4	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	74
5	Undecanoic acid, methyl ester	200	C12H24O2	001731-86-8	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001542.D
Acq On : 06 Jan 2020 22:08
Operator : JU
Sample : L1009-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NB-08-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

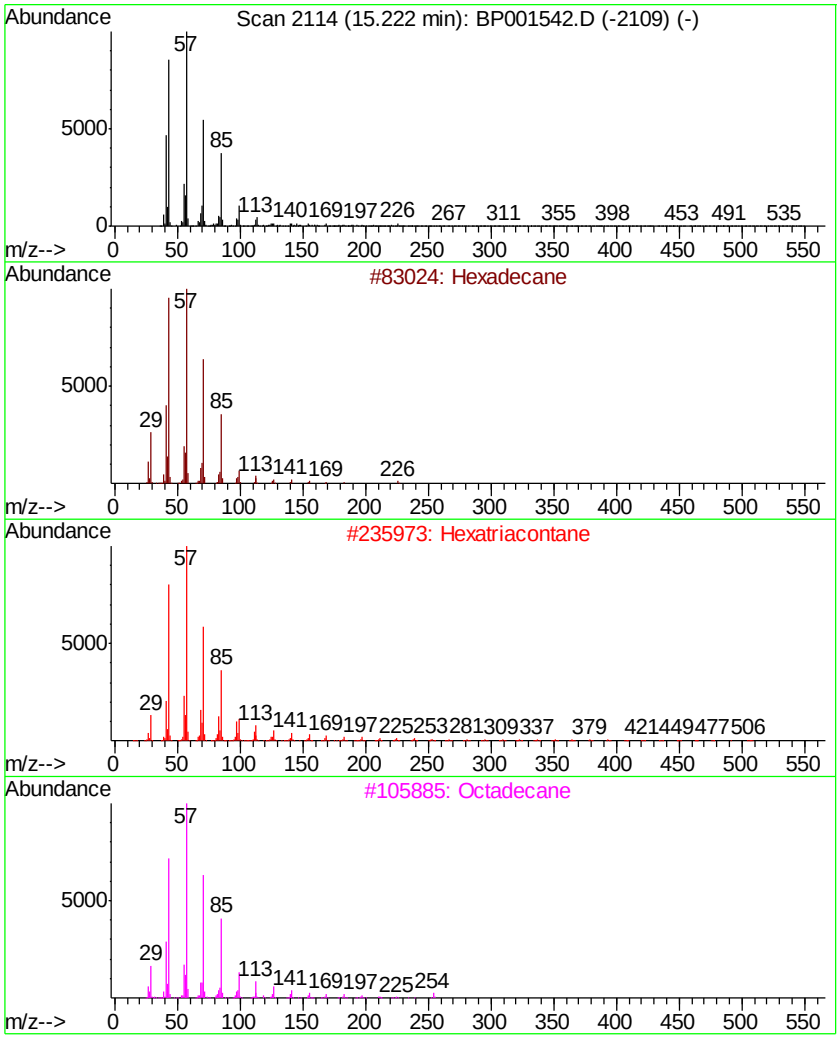
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

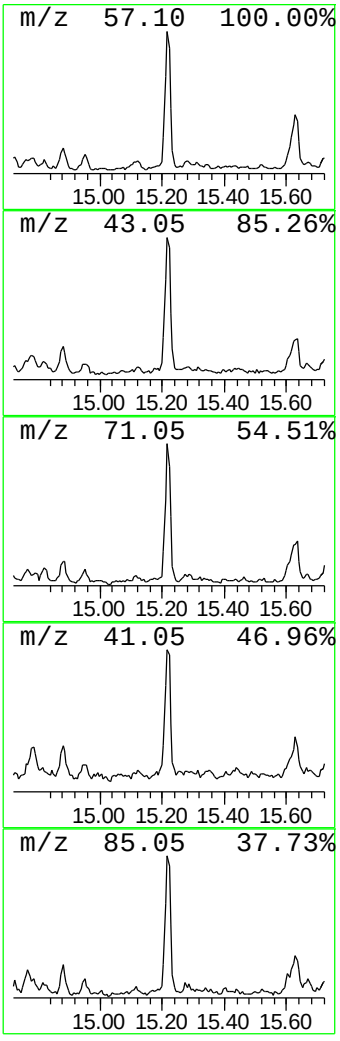
****

Peak Number 9 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	4.28 ng	134858	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Hexatriacontane	507	C36H74	000630-06-8	90
3	Octadecane	254	C18H38	000593-45-3	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001542.D
Acq On : 06 Jan 2020 22:08
Operator : JU
Sample : L1009-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NB-08-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

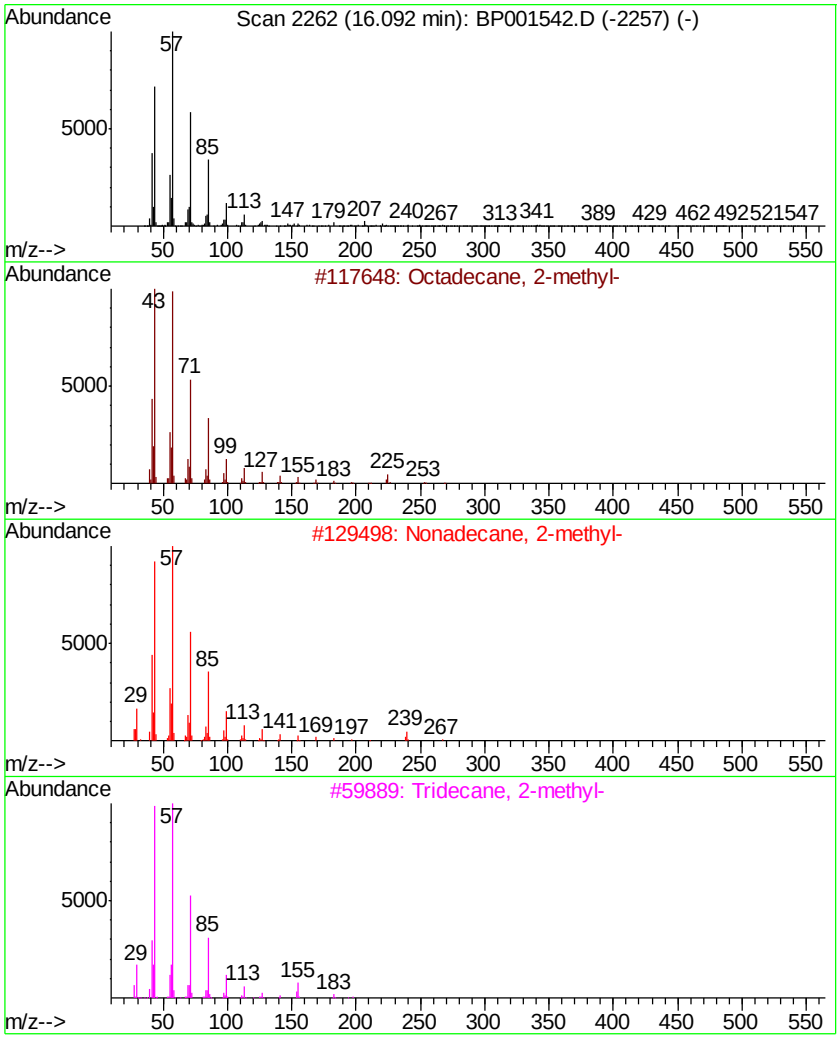
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

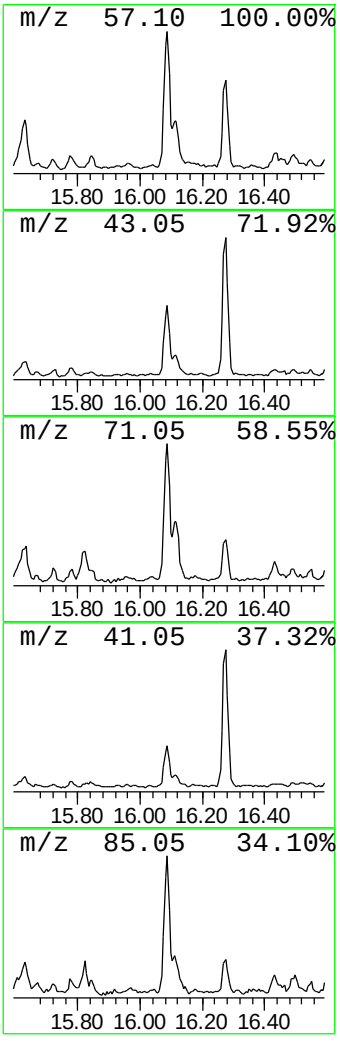
****

Peak Number 10 Octadecane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	4.38 ng	151253	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
2	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83





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Acq On : 06 Jan 2020 22:08
Operator : JU
Sample : L1009-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NB-08-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

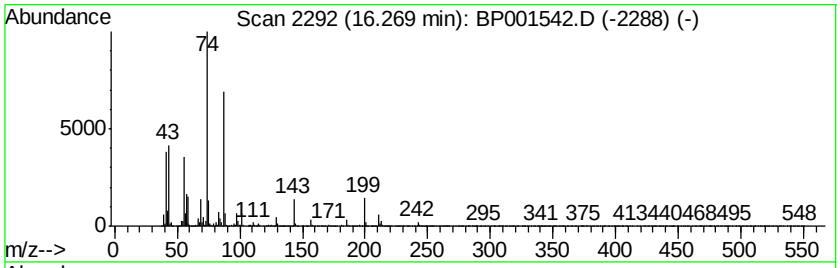
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

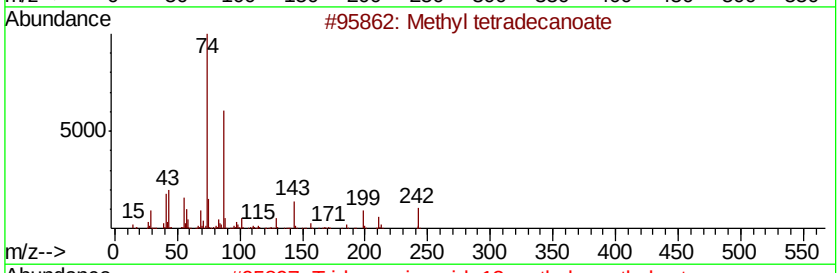
****

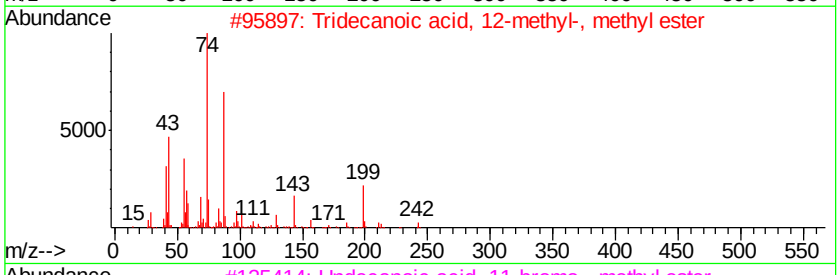
Peak Number 11 Methyl tetradecanoate Concentration Rank 7

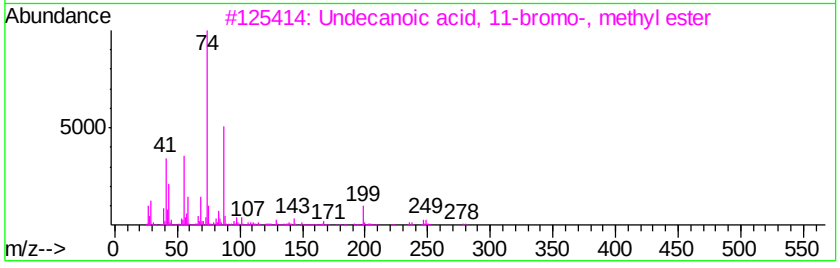
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	18.91 ng	653777	Phenanthrene-d10	17.08

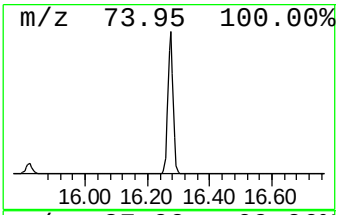
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
2	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	87
3	Undecanoic acid, 11-bromo-, meth...	278	C12H23BrO2	006287-90-7	83
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	83
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81

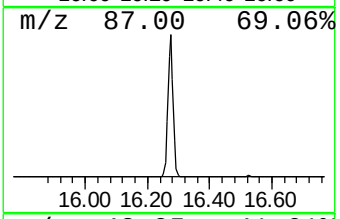


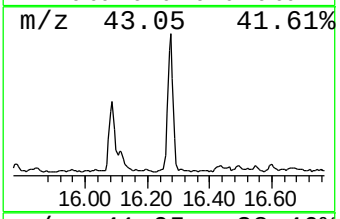


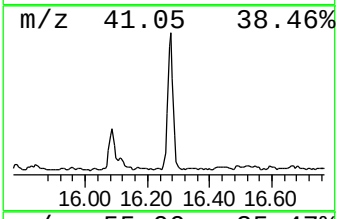


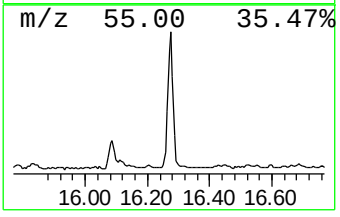












Library Search Compound Report

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Acq On : 06 Jan 2020 22:08
Operator : JU
Sample : L1009-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NB-08-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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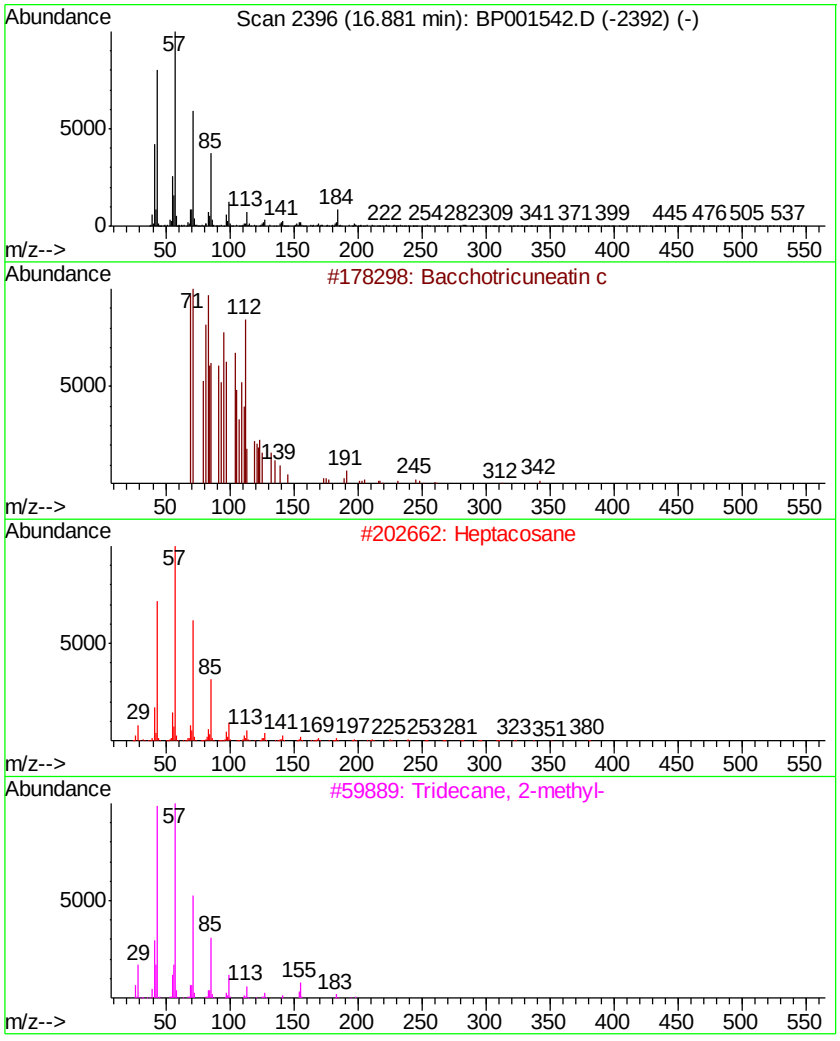
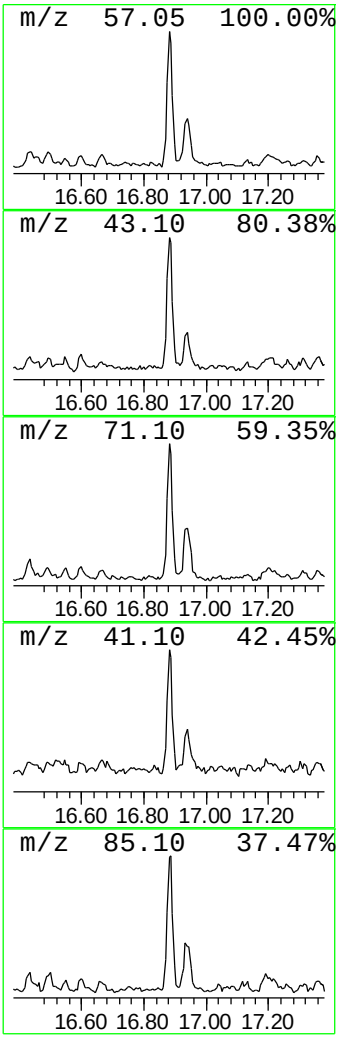
Peak Number 12 Bacchotricuneatin c Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	4.78 ng	165120	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2	Heptacosane	380	C27H56	000593-49-7	90
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
4	Tricosane	324	C23H48	000638-67-5	90
5	Hexadecane	226	C16H34	000544-76-3	86





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Sample : L1009-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NB-08-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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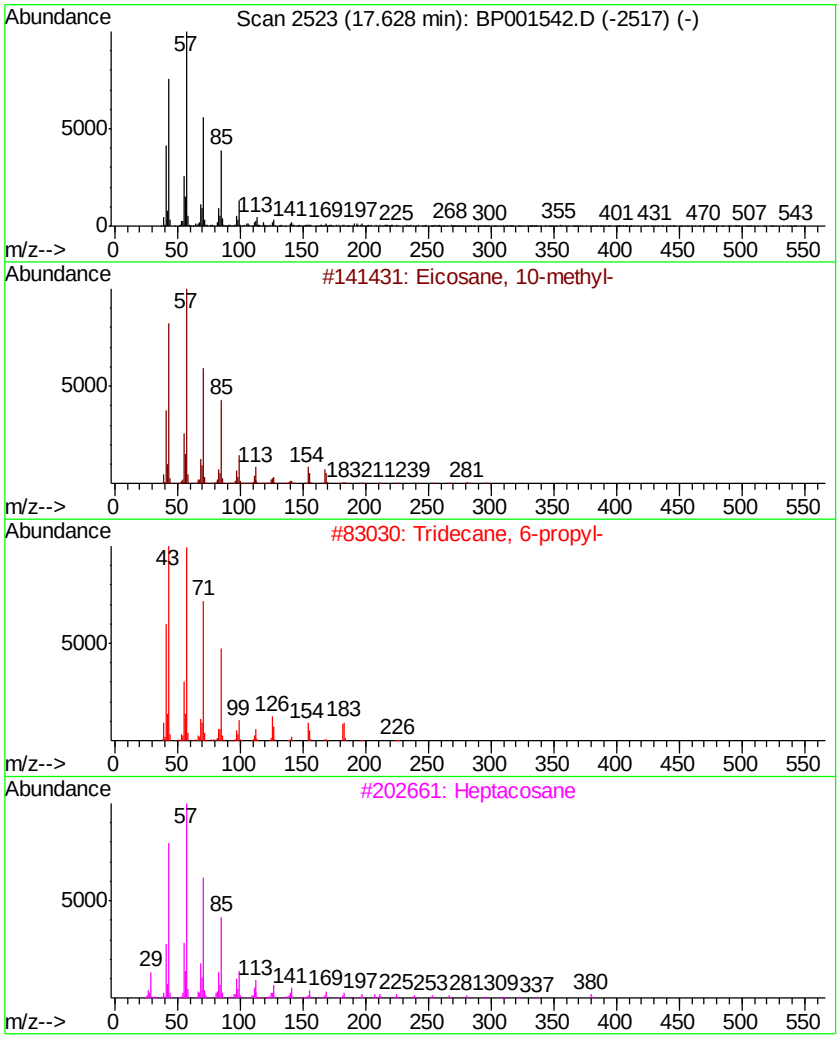
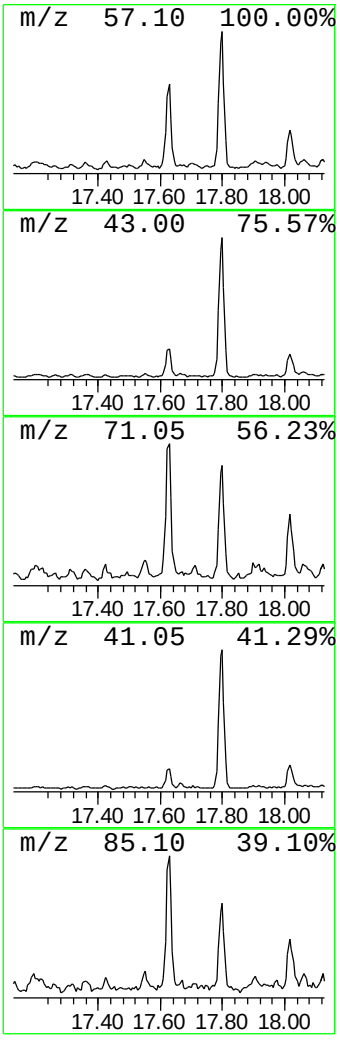
Peak Number 13 Eicosane, 10-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	4.32 ng	149384	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	10-Methylnonadecane	282	C20H42	056862-62-5	90





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId : NB-08-010220

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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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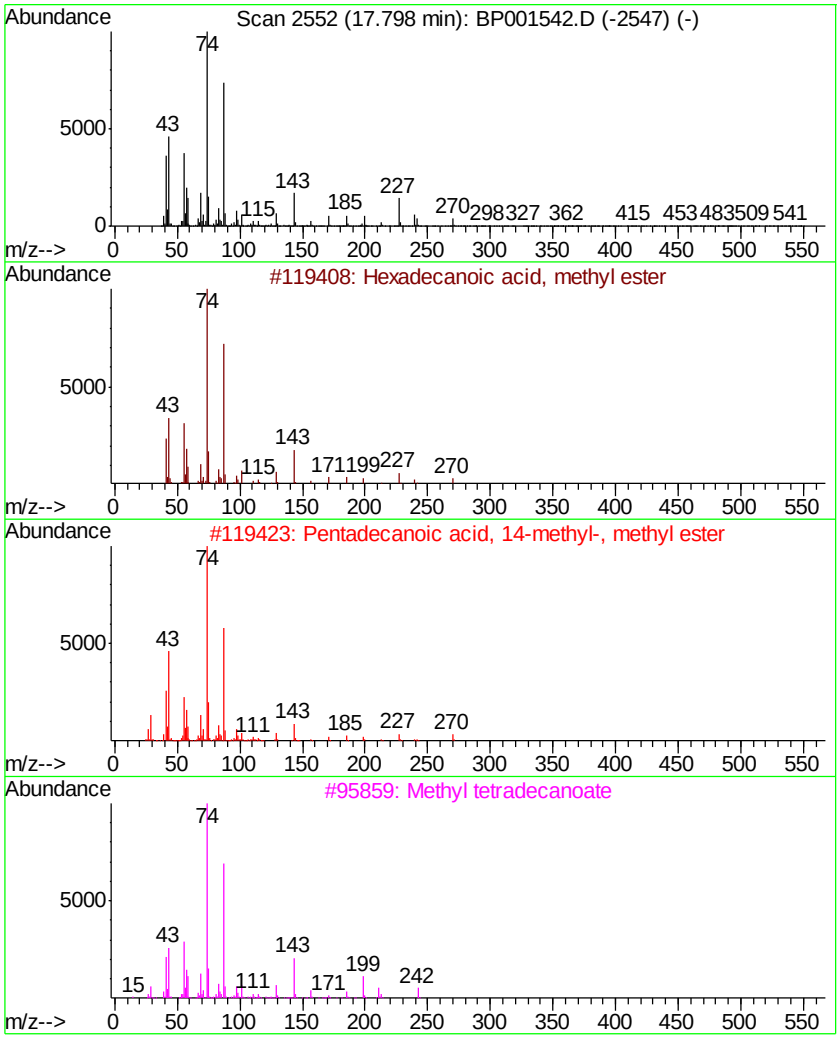
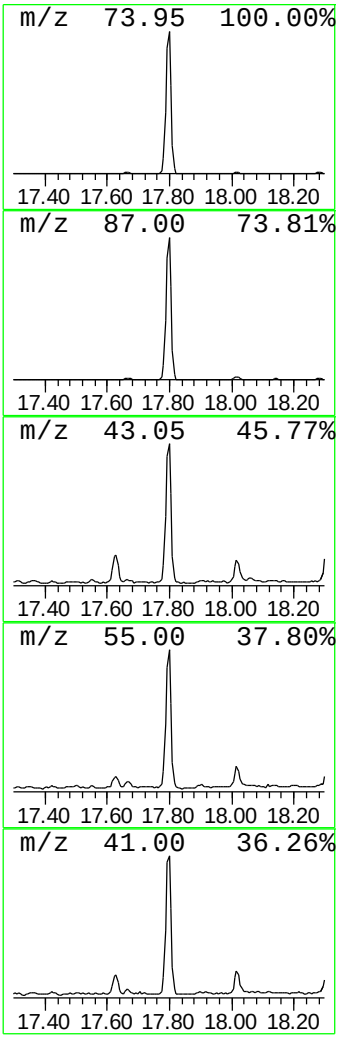
Peak Number 14 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	36.48 ng	1261230	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87





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Operator : JU
Sample : L1009-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NB-08-010220

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

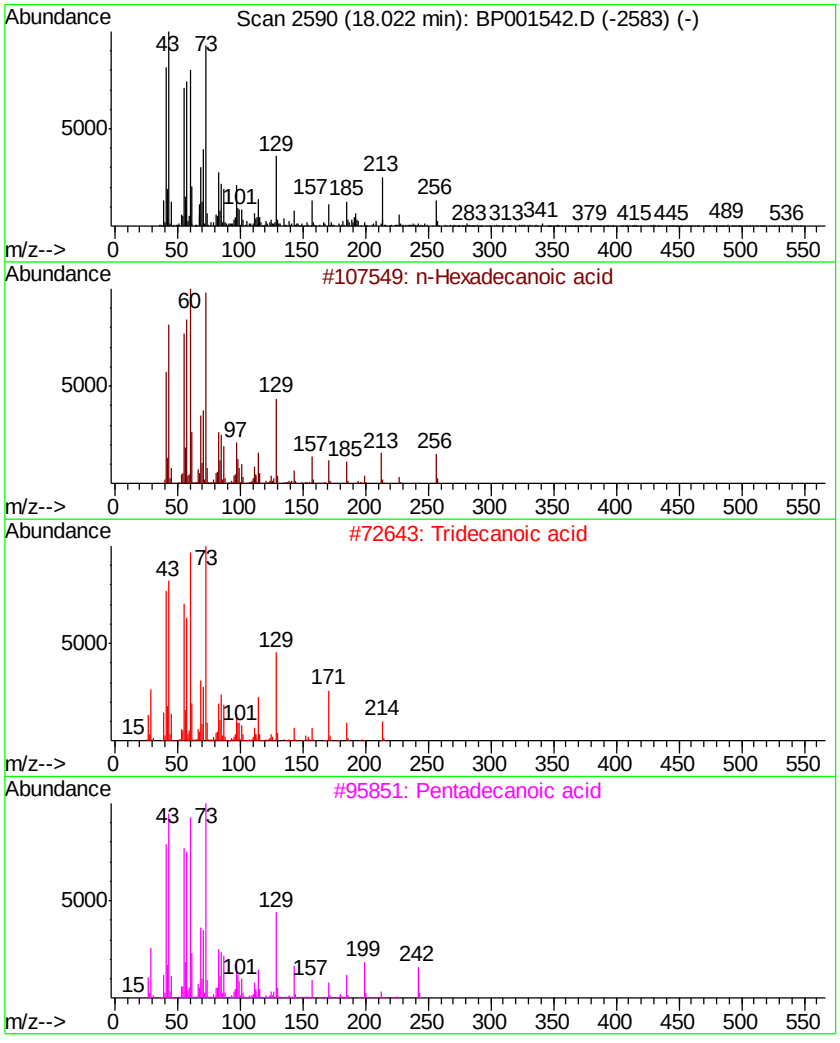
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

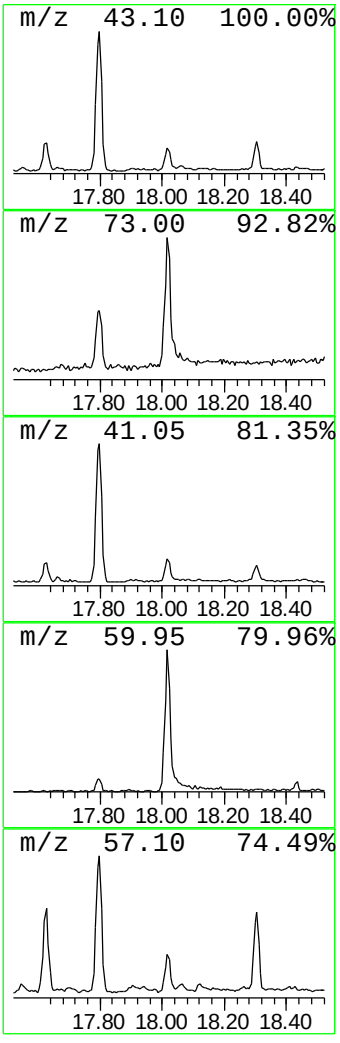
****

Peak Number 15 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	7.07 ng	244432	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Octadecanoic acid	284	C18H36O2	000057-11-4	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	62





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Sample : L1009-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NB-08-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

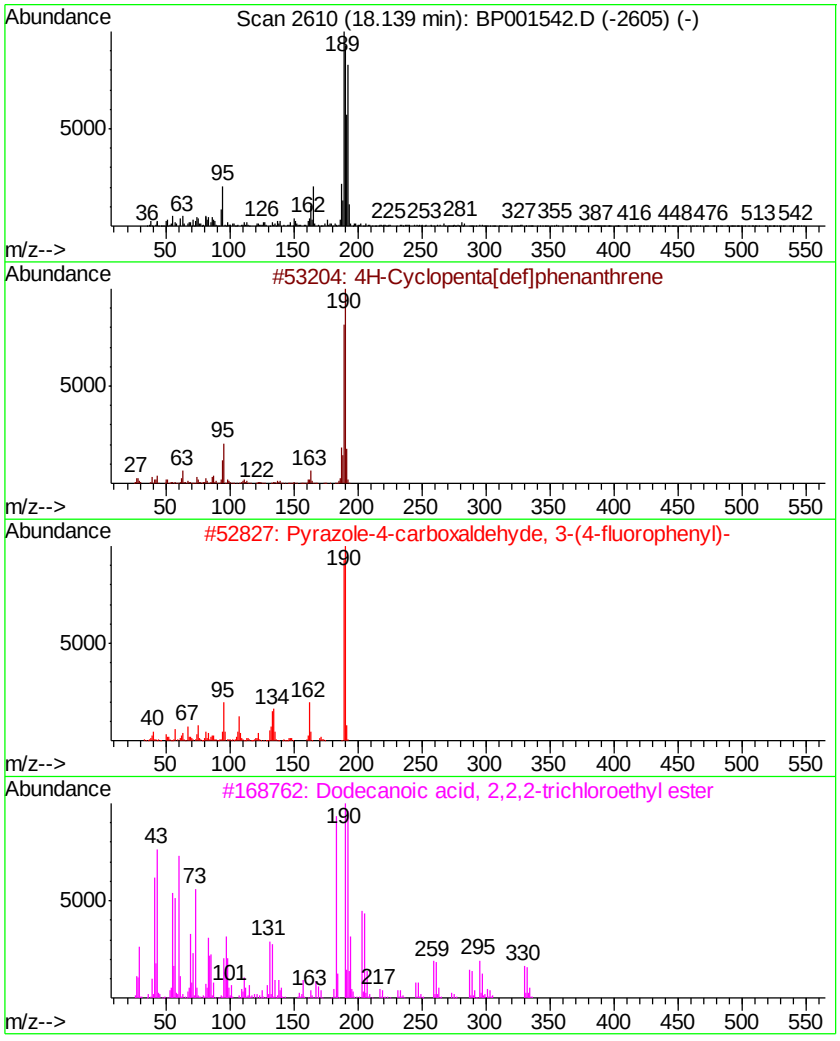
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

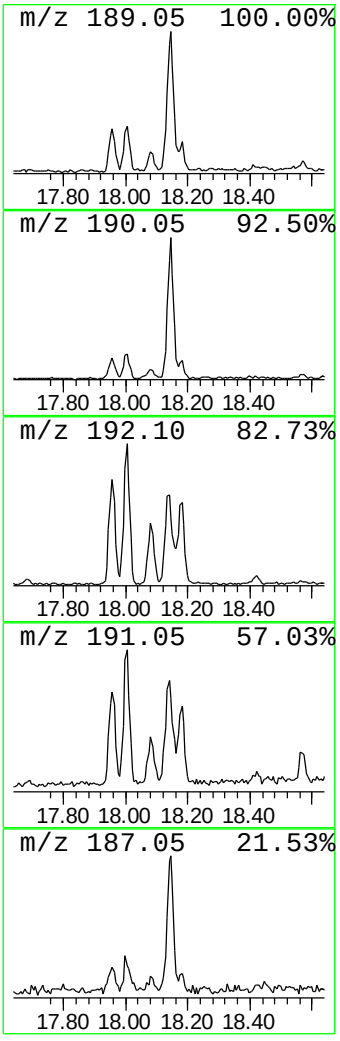
****

Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	4.36 ng	150853	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43
3	Dodecanoic acid, 2,2,2-trichloro...	330	C14H25Cl3O2	1000360-54-3	43
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	41
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38





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Sample : L1009-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NB-08-010220

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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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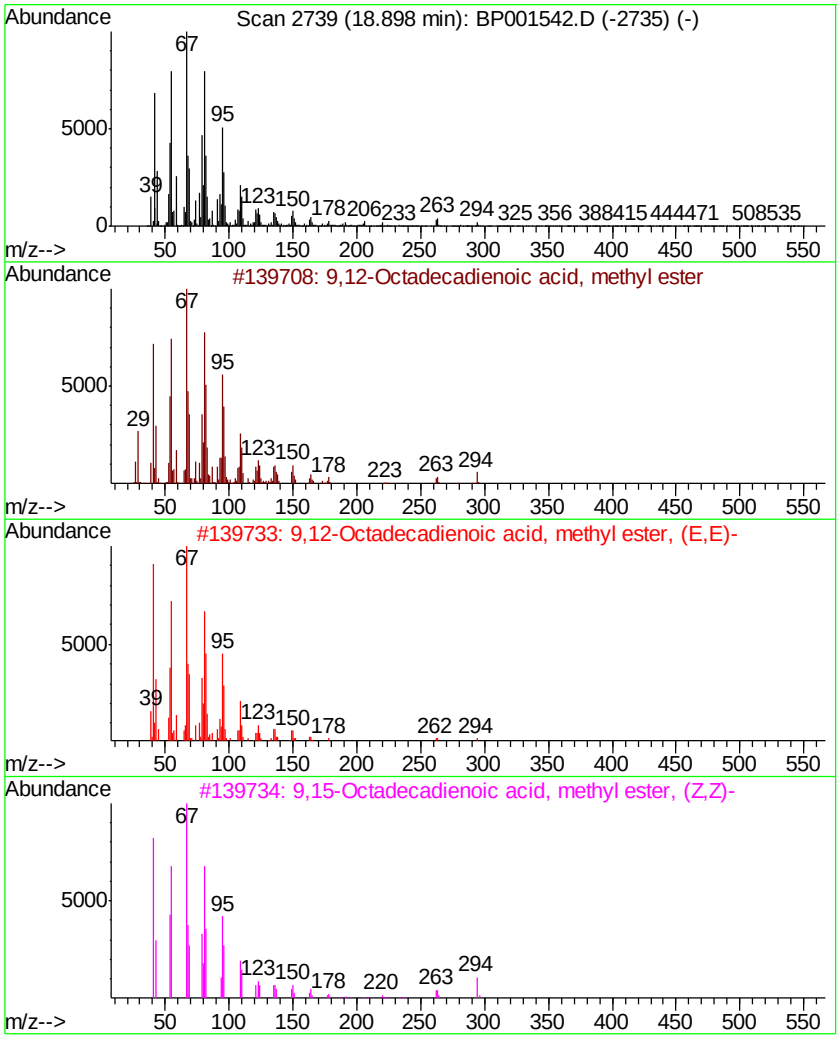
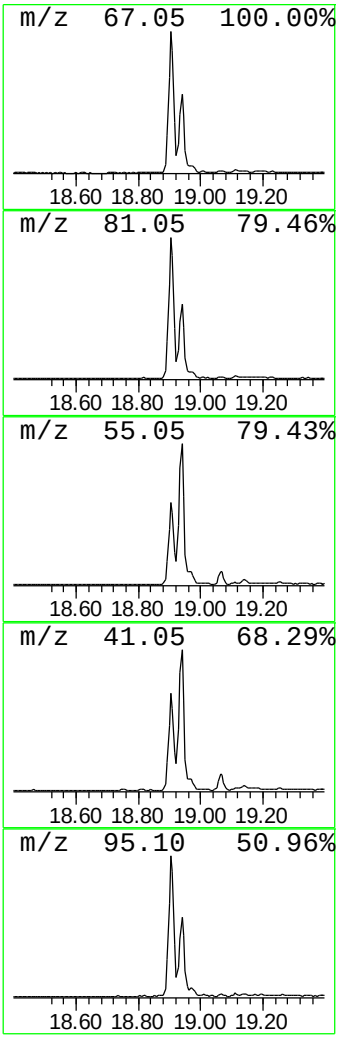
Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	91.80 ng	3173530	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	95
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	95





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NB-08-010220

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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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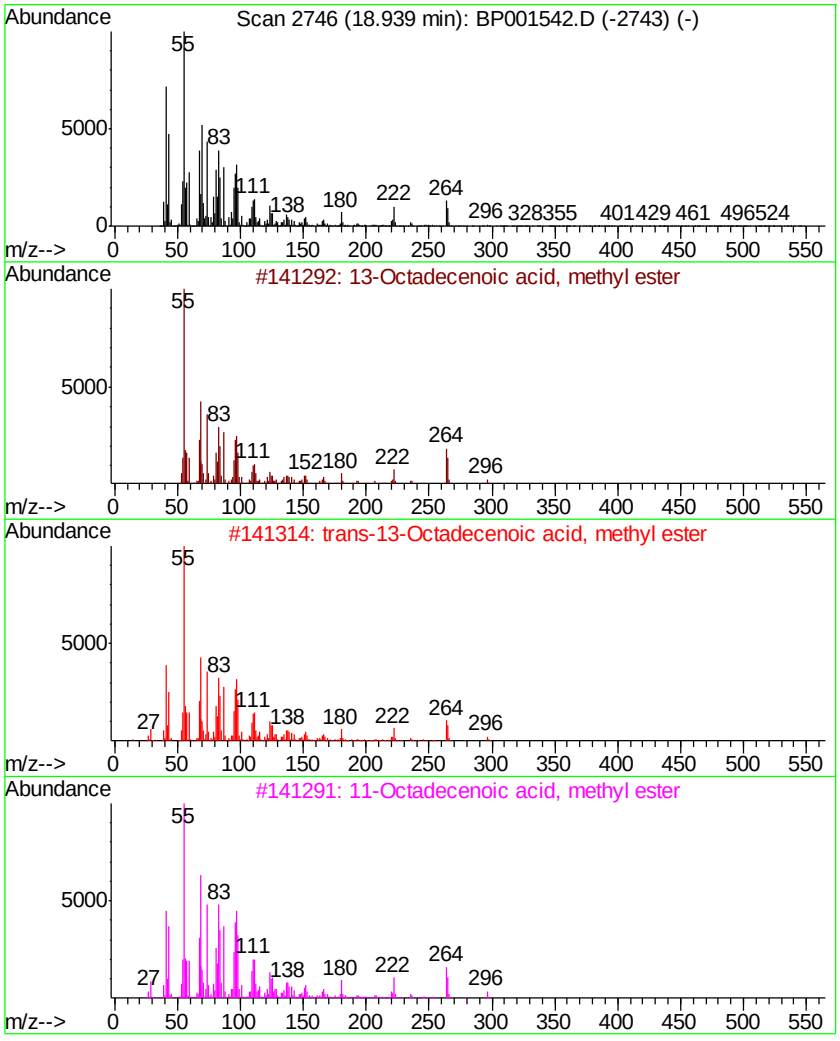
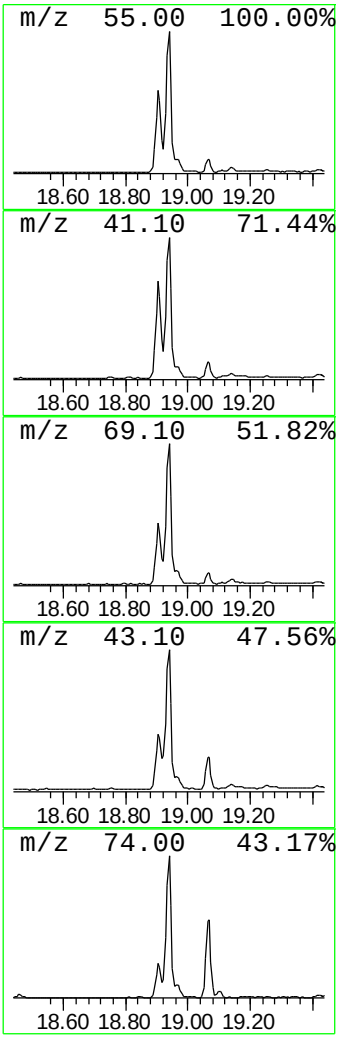
Peak Number 18 13-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	96.14 ng	3323610	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98
2	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	94
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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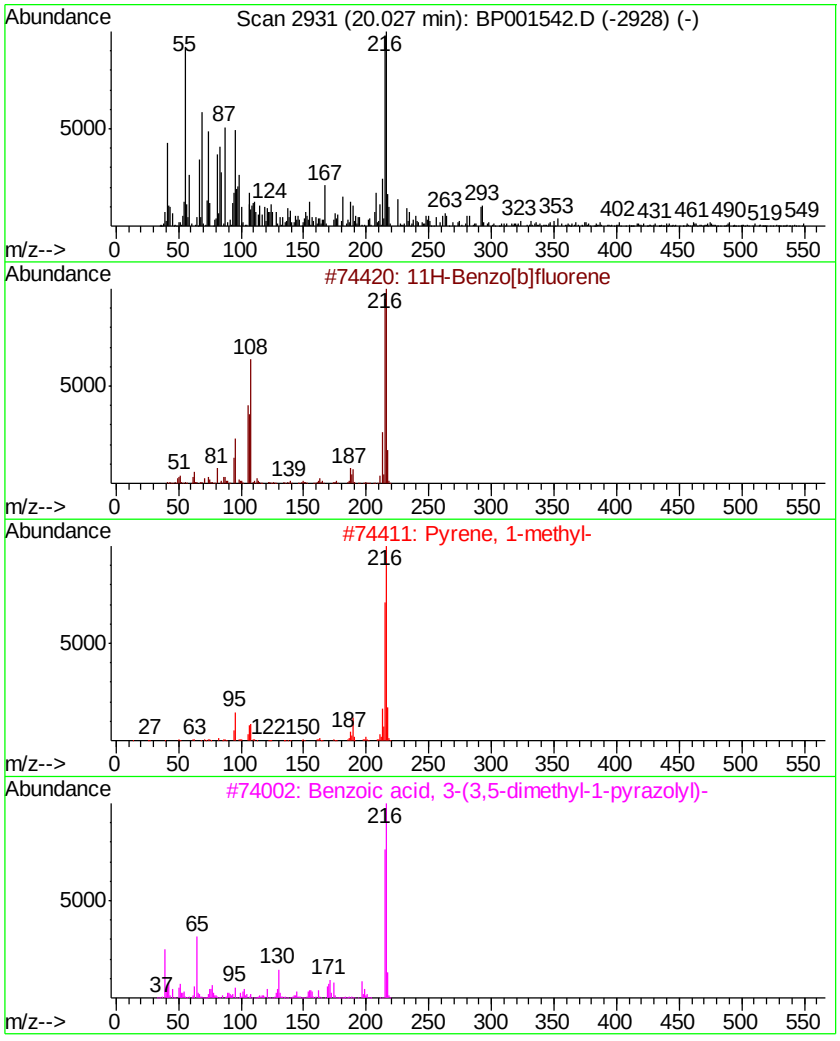
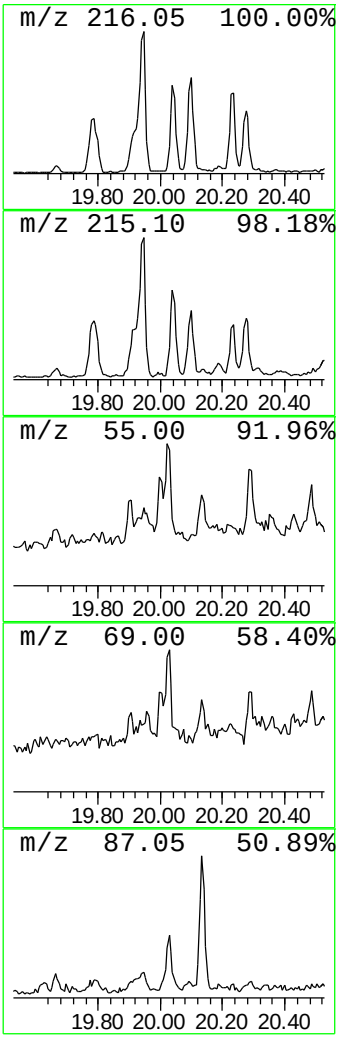
****

Peak Number 19 unknown20.03 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	3.72 ng	212173	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	49
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	49
3	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	43
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	43
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	43





Library Search Compound Report

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

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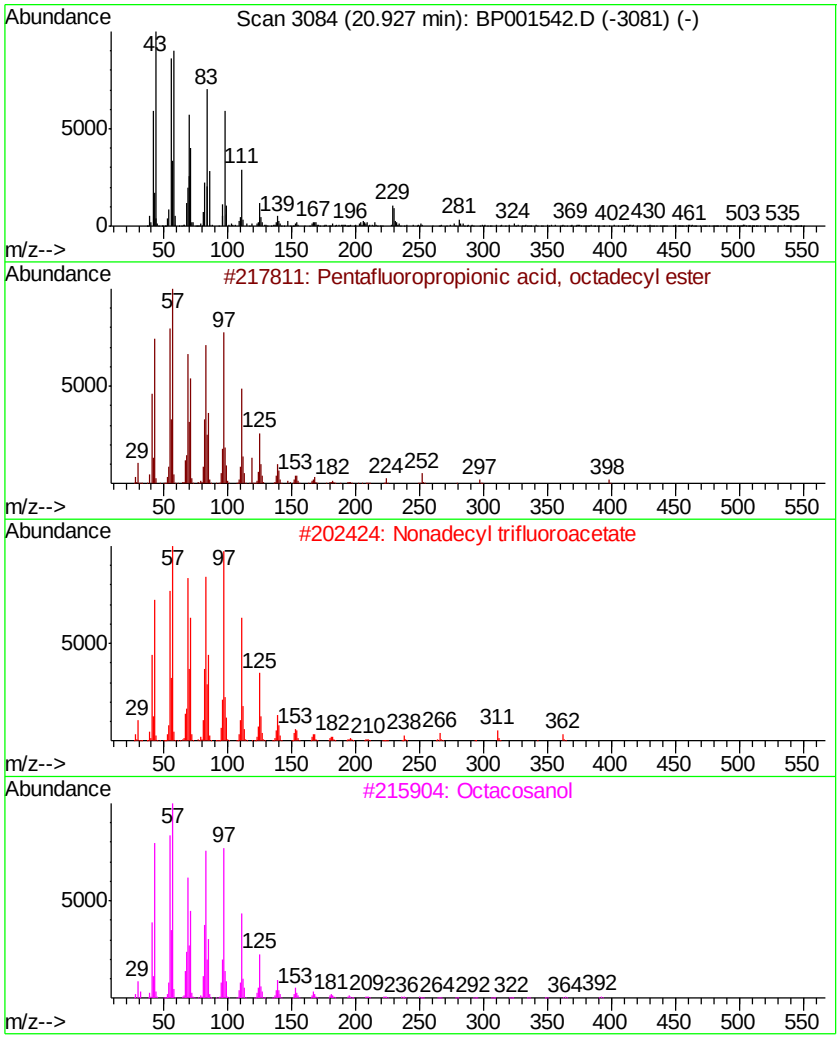
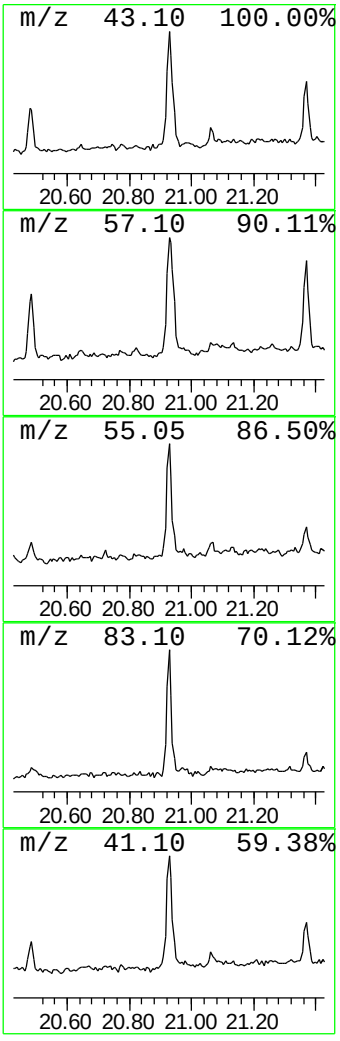
Peak Number 20 Pentafluoropropionic acid, ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	4.78 ng	272543	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	90
2	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90
3	Octacosanol	410	C28H58O	000557-61-9	90
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	87
5	Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP010620\
Data File : BP001542.D
Acq On : 06 Jan 2020 22:08
Operator : JU
Sample : L1009-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NB-08-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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...	3.00	12.0	ng	223164	1	7.68	371328	20.0
2-Pentanone, 4-hy...	4.87	12.7	ng	235035	1	7.68	371328	20.0
unknown7.23	7.23	72.1	ng	1338330	1	7.68	371328	20.0
Nonadecane	13.17	4.0	ng	127179	3	14.32	630043	20.0
Pentadecane	14.26	4.0	ng	125846	3	14.32	630043	20.0
Undecanoic acid, ...	14.48	37.1	ng	1169060	3	14.32	630043	20.0
Hexadecane	15.22	4.3	ng	134858	3	14.32	630043	20.0
Octadecane, 2-met...	16.09	4.4	ng	151253	4	17.08	691424	20.0
Methyl tetradecan...	16.27	18.9	ng	653777	4	17.08	691424	20.0
Bacchotricuneatin c	16.88	4.8	ng	165120	4	17.08	691424	20.0
Eicosane, 10-methyl-	17.63	4.3	ng	149384	4	17.08	691424	20.0
Hexadecanoic acid...	17.80	36.5	ng	1261230	4	17.08	691424	20.0
n-Hexadecanoic acid	18.02	7.1	ng	244432	4	17.08	691424	20.0
4H-Cyclopenta[def...	18.14	4.4	ng	150853	4	17.08	691424	20.0
9,12-Octadecadien...	18.90	91.8	ng	3173530	4	17.08	691424	20.0
13-Octadecenoic a...	18.94	96.1	ng	3323610	4	17.08	691424	20.0
unknown20.03	20.03	3.7	ng	212173	5	21.18	1141010	20.0
Pentafluoropropio...	20.93	4.8	ng	272543	5	21.18	1141010	20.0