LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090920\
Data File : BP003240.D
Acq On : 09 Sep 2020 14:46
Operator : CG/JU
Sample : L3931-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1-2

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-BP082420.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	5.258	395	403	416	rBV	1624559	2402927	32.75%	3.084%
2	6.834	664	671	686	rBV	1511621	2512720	34.25%	3.224%
3	7.646	802	809	817	rBV	666243	1042524	14.21%	1.338%
4	8.793	989	1004	1018	rBV	1046960	1808777	24.65%	2.321%
5	10.422	1273	1281	1294	rBV	908363	1577116	21.50%	2.024%
6	12.845	1688	1693	1697	rBV3	66259	97951	1.34%	0.126%
7	12.904	1697	1703	1713	rVV	3146350	4745062	64.68%	6.089%
8	13.134	1739	1742	1749	rVB2	81021	112265	1.53%	0.144%
9	13.498	1800	1804	1808	rBV2	73864	114310	1.56%	0.147%
10	13.745	1838	1846	1851	rBV	370553	583481	7.95%	0.749%
11	13.798	1852	1855	1859	rVB4	76781	102591	1.40%	0.132%
12	14.216	1921	1926	1930	rBV	208280	272236	3.71%	0.349%
13	14.287	1932	1938	1949	rVV2	1407461	2160709	29.45%	2.773%
14	14.675	1998	2004	2007	rBV4	55654	123284	1.68%	0.158%
15	14.839	2028	2032	2040	rVB6	114612	216003	2.94%	0.277%
16	15.169	2084	2088	2093	rVB	309814	384845	5.25%	0.494%
17	15.581	2155	2158	2162	rVB	197100	271942	3.71%	0.349%
18	15.733	2180	2184	2187	rBV4	80016	139349	1.90%	0.179%
19	15.786	2187	2193	2202	rVB	2196231	3304231	45.04%	4.240%
20	16.034	2231	2235	2238	rBV	465972	632702	8.62%	0.812%
21	16.439	2301	2304	2311	rVB3	180640	249669	3.40%	0.320%
22	16.828	2366	2370	2374	rBV	500409	609985	8.31%	0.783%
23	16.881	2376	2379	2387	rVB	285656	460469	6.28%	0.591%
24	17.039	2401	2406	2411	rBV	1631022	2267355	30.91%	2.910%
25	17.569	2492	2496	2500	rBV	548731	672960	9.17%	0.864%
26	17.610	2500	2503	2509	rVB3	196175	259482	3.54%	0.333%
27	17.739	2520	2525	2529	rVB	2079262	2466229	33.62%	3.165%
28	17.969	2558	2564	2578	rBV	1549746	2646518	36.07%	3.396%
29	18.151	2585	2595	2602	rVB2	416082	1453471	19.81%	1.865%
30	18.216	2602	2606	2608	rVV	276085	365397	4.98%	0.469%
31	18.251	2608	2612	2626	rVV3	948284	3160152	43.08%	4.055%
32	18.398	2627	2637	2646	rVB	1753847	4864745	66.31%	6.243%
33	18.845	2708	2713	2715	rBV	4816759	6214513	84.71%	7.975%
34	18.880	2715	2719	2722	rVB2	5450277	7336356	100.00%	9.414%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090920\
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Acq On : 09 Sep 2020 14:46
Operator : CG/JU
Sample : L3931-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1-2

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-BP082420.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.004	2736	2740	2745	rBV	1415069	1648769	22.47%	2.116%
36	19.063	2746	2750	2751	rVV2	399156	478998	6.53%	0.615%
37	19.086	2751	2754	2766	rVV	923984	1857514	25.32%	2.384%
38	19.204	2770	2774	2783	rVB2	627358	987005	13.45%	1.267%
39	19.416	2806	2810	2820	rVB2	648520	864866	11.79%	1.110%
40	19.616	2839	2844	2849	rVB	5197137	6259705	85.32%	8.033%
41	19.933	2895	2898	2901	rBV	403908	451338	6.15%	0.579%
42	20.069	2919	2921	2925	rVB	206389	192434	2.62%	0.247%
43	20.422	2978	2981	2988	rVB	341445	416021	5.67%	0.534%
44	20.863	3053	3056	3061	rVB2	719952	917432	12.51%	1.177%
45	21.133	3097	3102	3107	rBV	2084672	2837464	38.68%	3.641%
46	21.298	3127	3130	3133	rBV	323505	335618	4.57%	0.431%
47	21.445	3152	3155	3160	rVB	303253	426114	5.81%	0.547%
48	21.733	3201	3204	3212	rVB2	426006	692254	9.44%	0.888%
49	22.192	3279	3282	3286	rVB	377807	437367	5.96%	0.561%
50	22.704	3366	3369	3374	rVB2	503968	687436	9.37%	0.882%
51	23.368	3476	3482	3490	rVB	1475116	2804723	38.23%	3.599%

Sum of corrected areas: 77927384

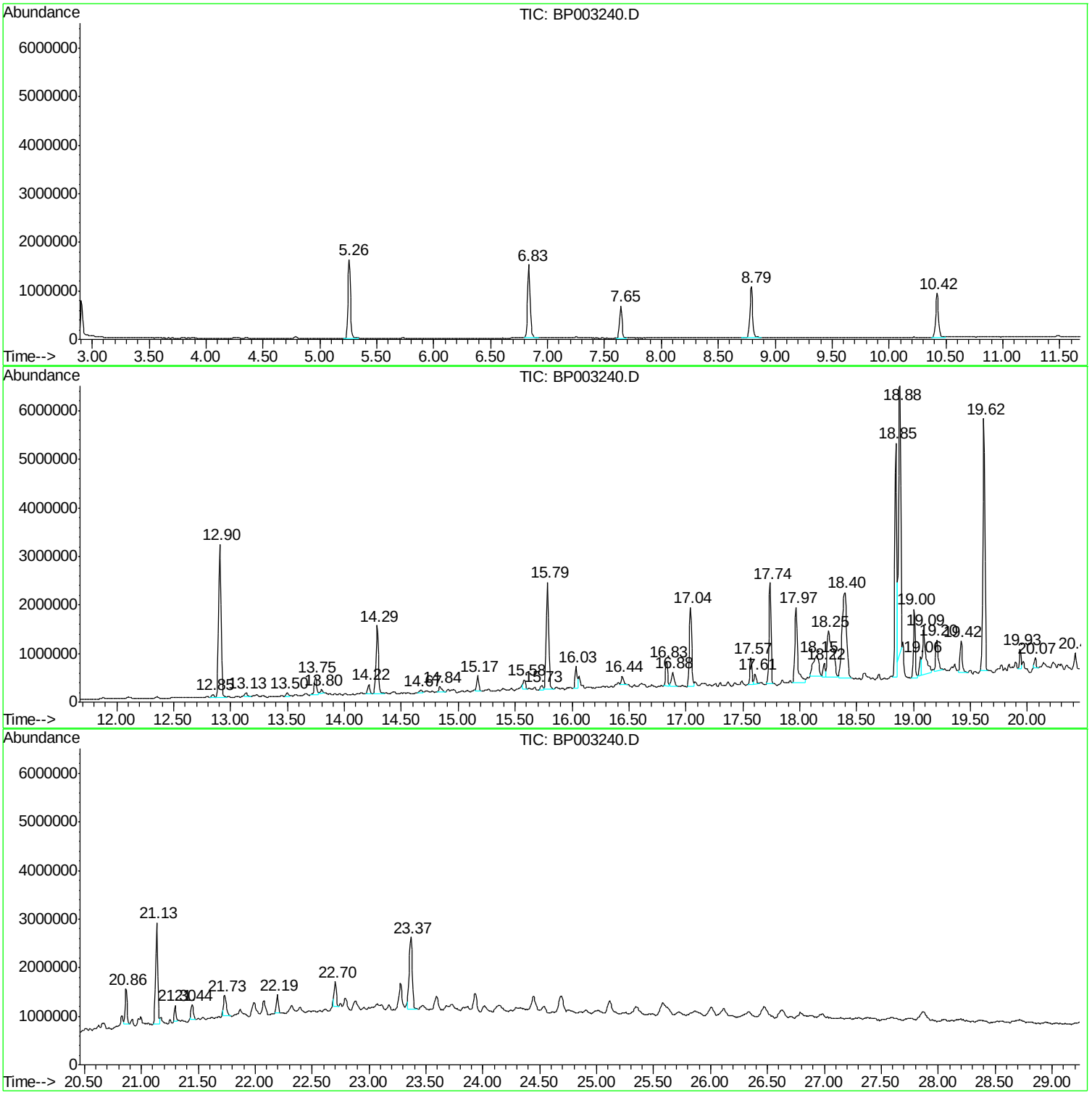
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090920\
Data File : BP003240.D
Acq On : 09 Sep 2020 14:46
Operator : CG/JU
Sample : L3931-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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\BP090920\
Data File : BP003240.D
Acq On : 09 Sep 2020 14:46
Operator : CG/JU
Sample : L3931-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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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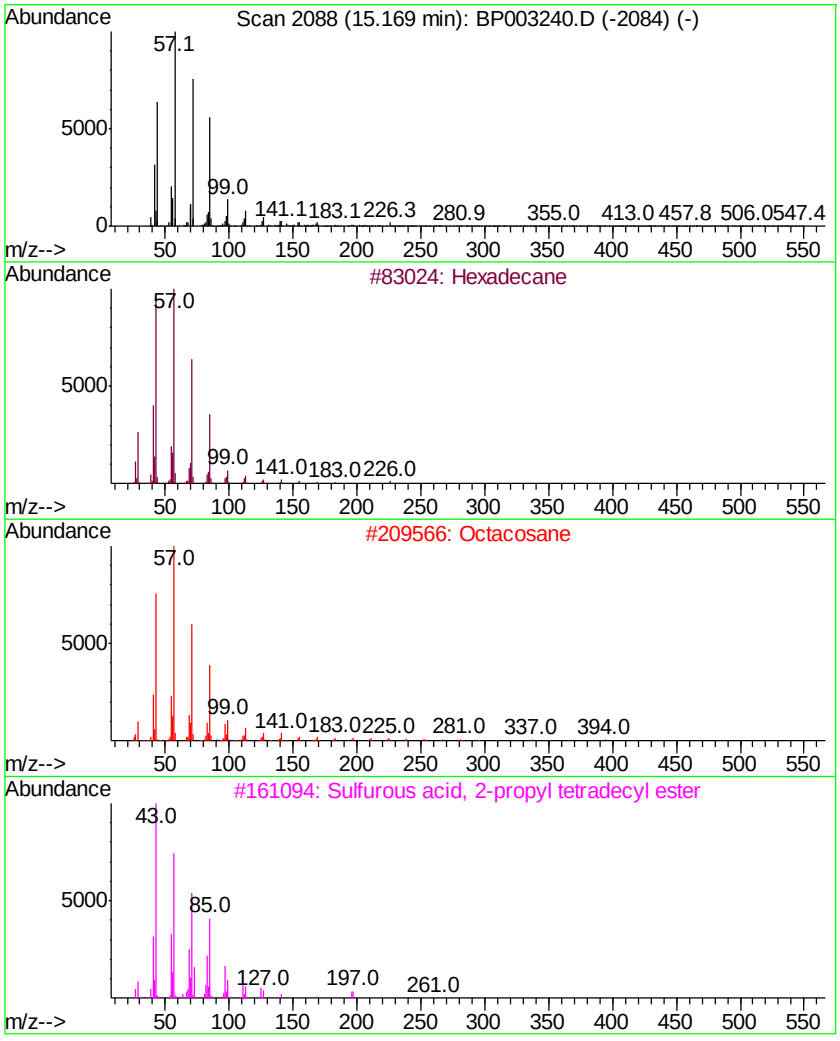
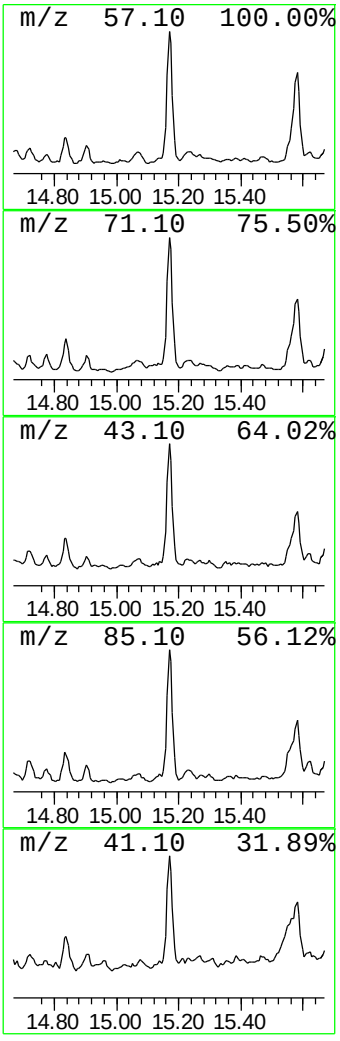
Peak Number 1 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	3.56 ng	384845	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Octacosane	394	C28H58	000630-02-4	90
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Pentadecane	212	C15H32	000629-62-9	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090920\
Data File : BP003240.D
Acq On : 09 Sep 2020 14:46
Operator : CG/JU
Sample : L3931-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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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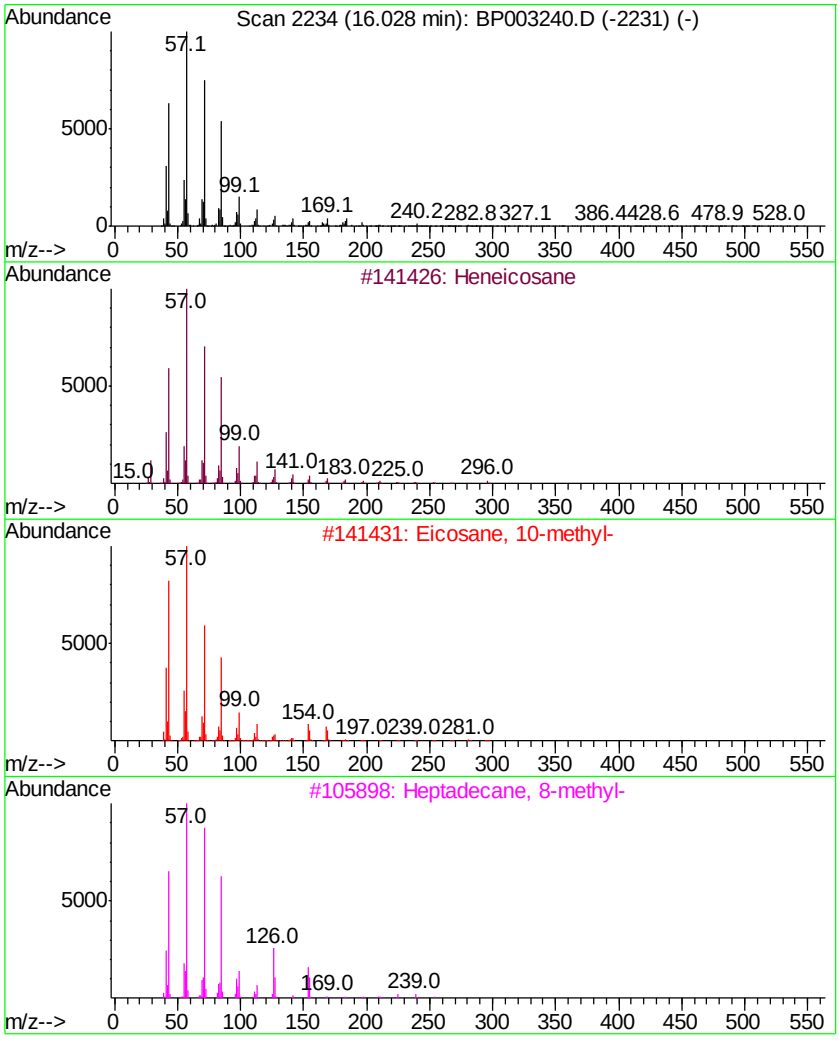
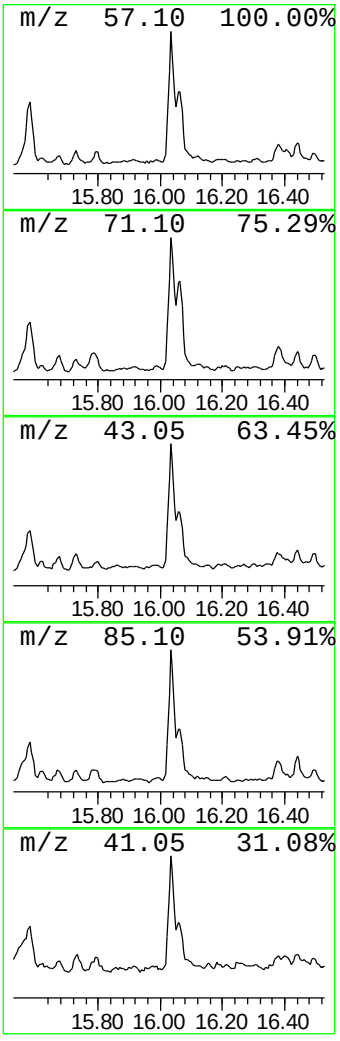
Peak Number 2 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	5.58 ng	632702	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
4	Octadecane	254	C18H38	000593-45-3	91
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090920\
Data File : BP003240.D
Acq On : 09 Sep 2020 14:46
Operator : CG/JU
Sample : L3931-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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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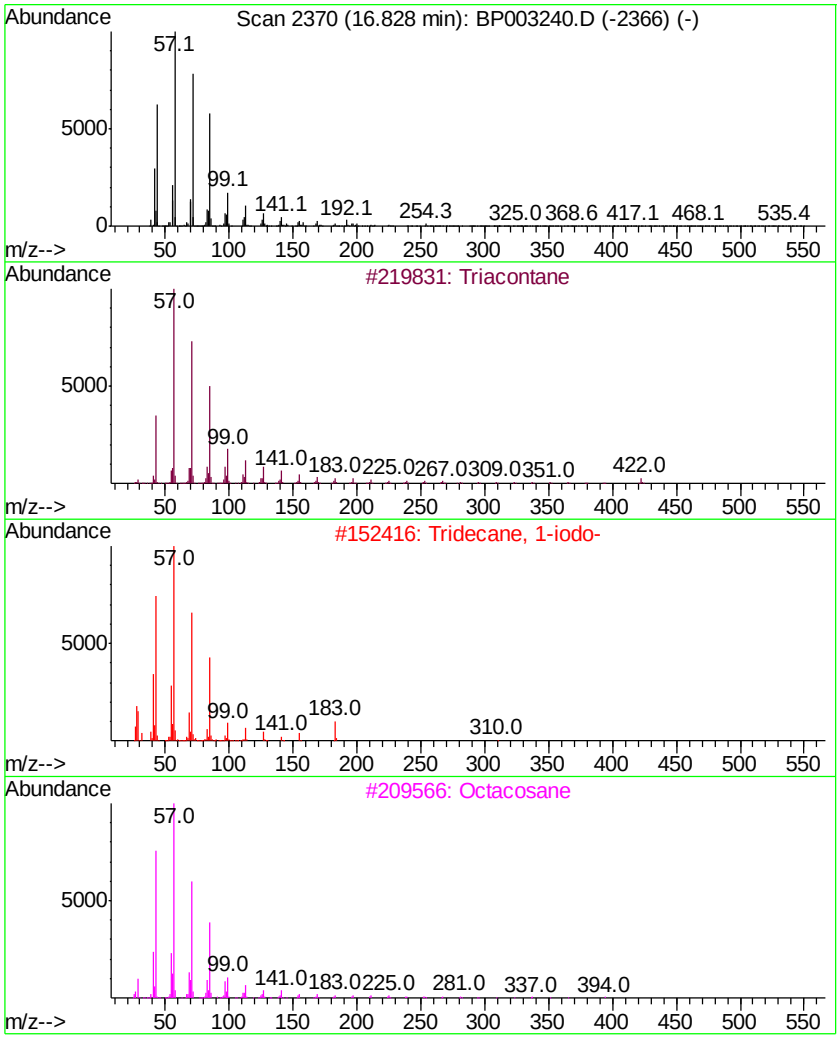
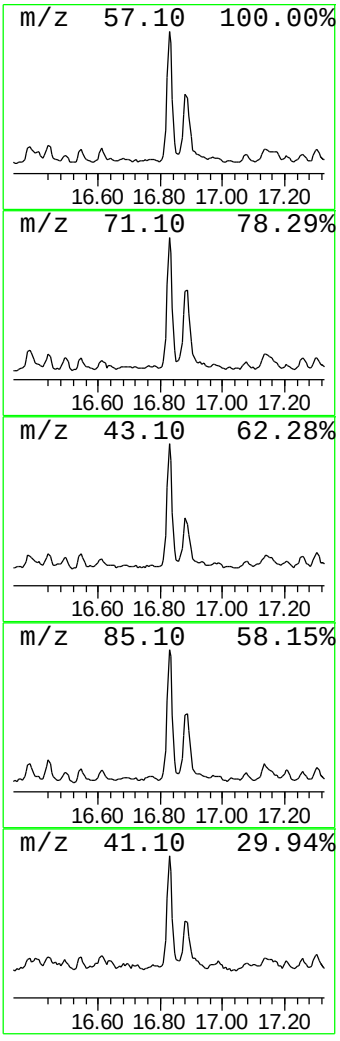
Peak Number 3 Triacontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	5.38 ng	609985	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	96
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	94
3	Octacosane	394	C28H58	000630-02-4	94
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	93
5	Heptadecane	240	C17H36	000629-78-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090920\
Data File : BP003240.D
Acq On : 09 Sep 2020 14:46
Operator : CG/JU
Sample : L3931-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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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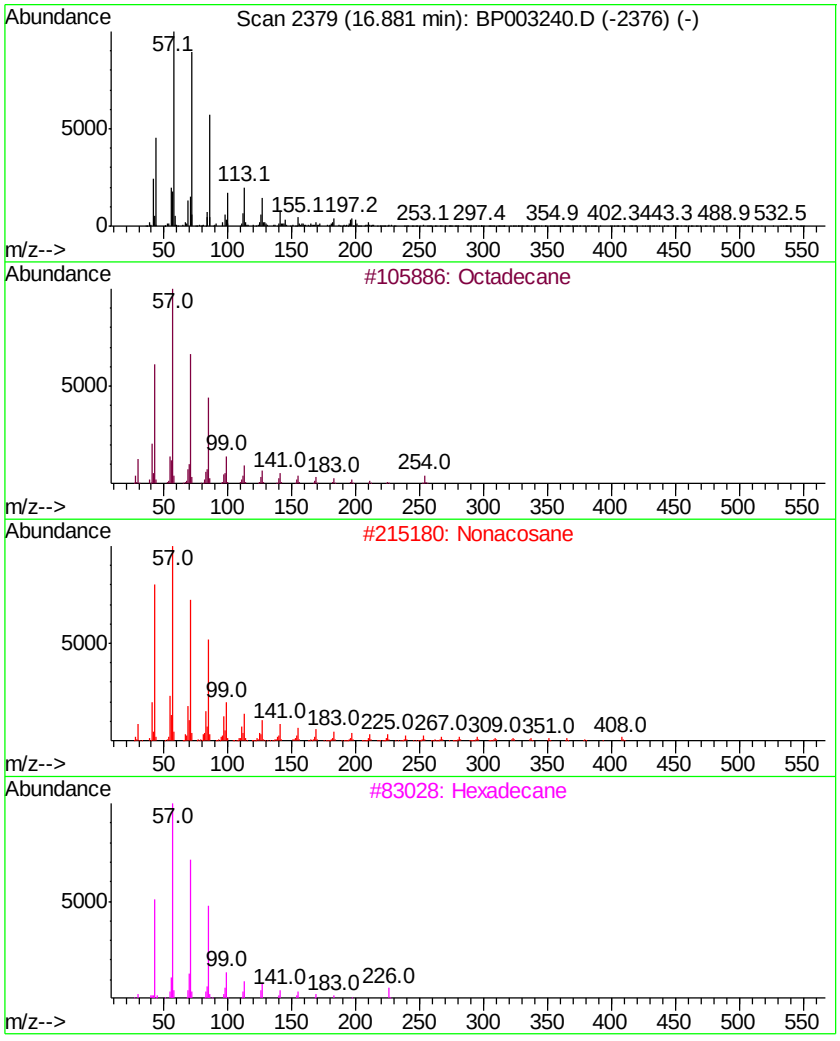
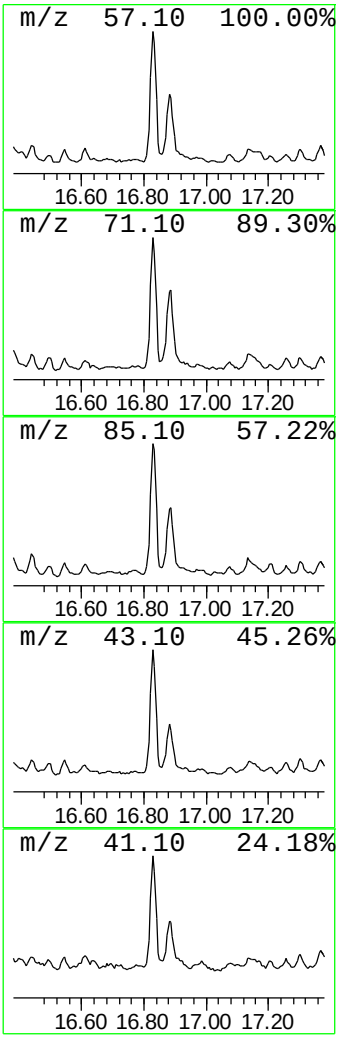
Peak Number 4 Octadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	4.06 ng	460469	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	86
2	Nonacosane	408	C29H60	000630-03-5	86
3	Hexadecane	226	C16H34	000544-76-3	80
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	80
5	5,5-Dibutylnonane	240	C17H36	006008-17-9	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090920\
Data File : BP003240.D
Acq On : 09 Sep 2020 14:46
Operator : CG/JU
Sample : L3931-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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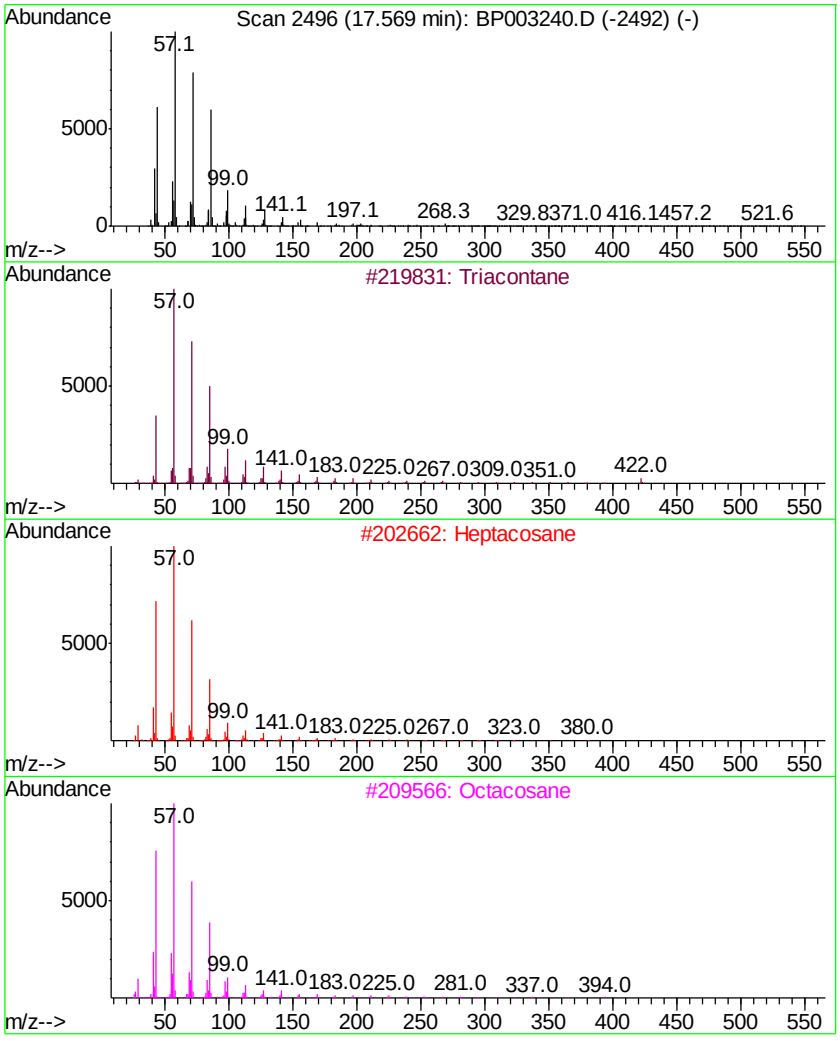
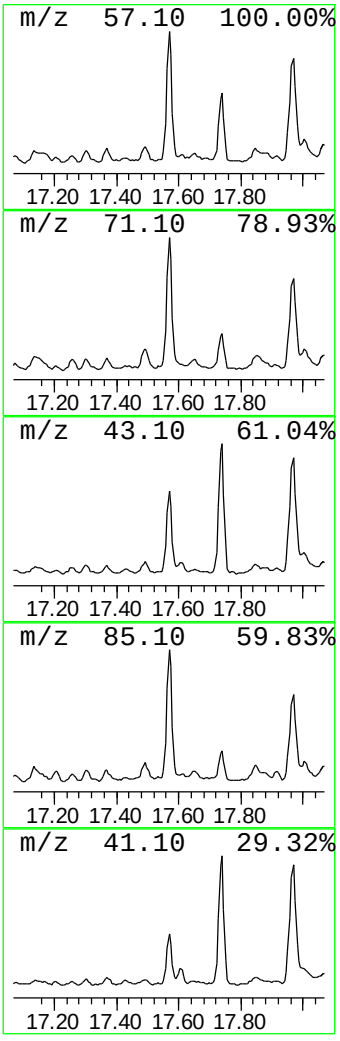
Peak Number 5 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	5.94 ng	672960	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	94
2	Heptacosane	380	C27H56	000593-49-7	93
3	Octacosane	394	C28H58	000630-02-4	93
4	Nonadecane	268	C19H40	000629-92-5	92
5	Heptadecane	240	C17H36	000629-78-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090920\
Data File : BP003240.D
Acq On : 09 Sep 2020 14:46
Operator : CG/JU
Sample : L3931-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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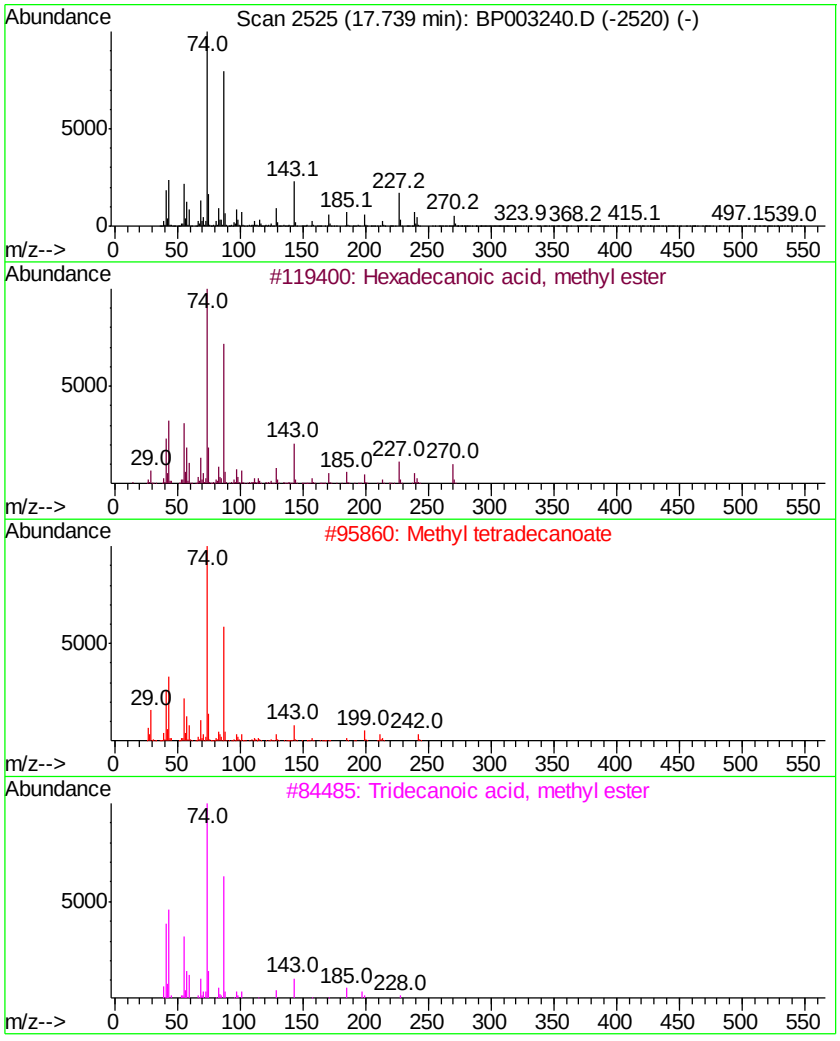
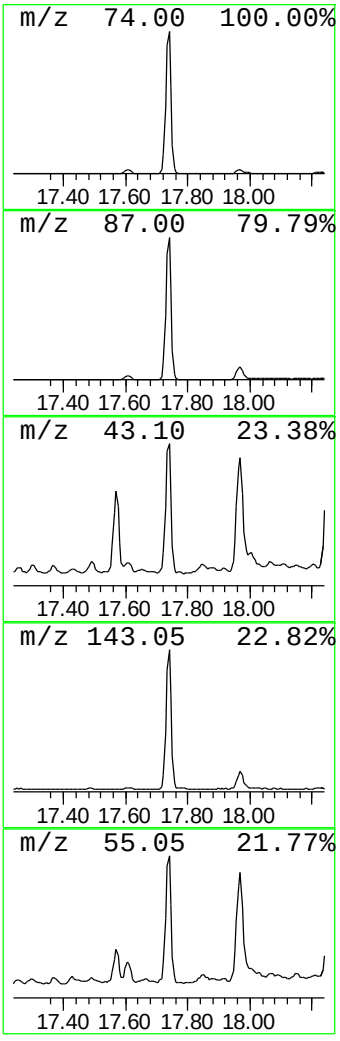
Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	21.75 ng	2466230	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	81
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	72





Library Search Compound Report

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Data File : BP003240.D
Acq On : 09 Sep 2020 14:46
Operator : CG/JU
Sample : L3931-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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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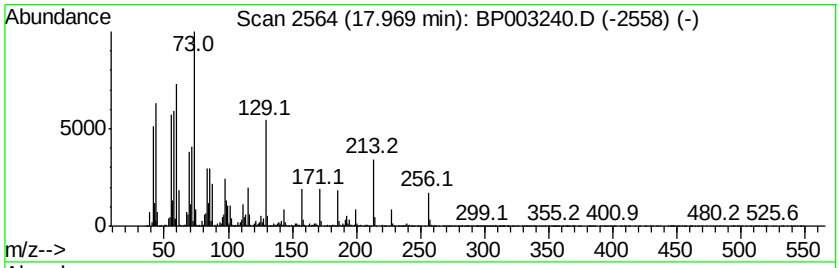
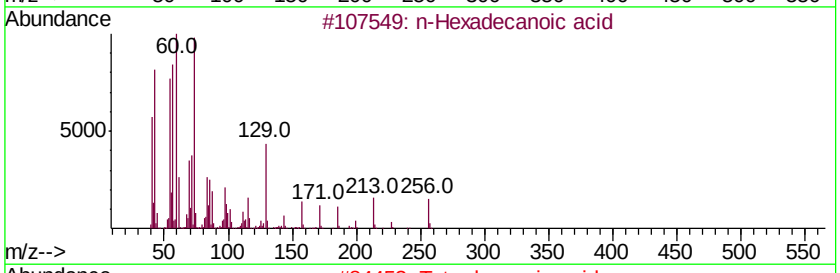
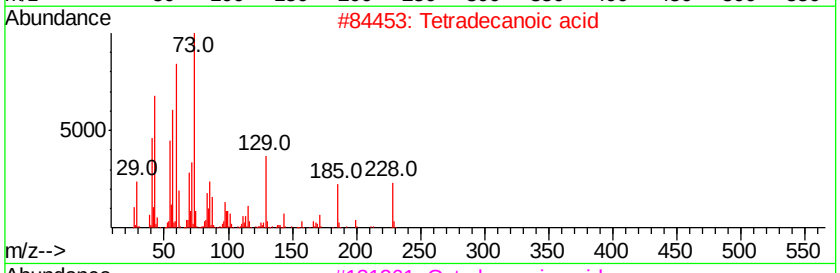
Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

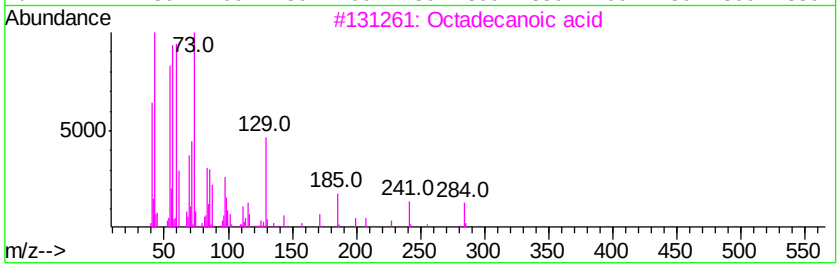
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	23.34 ng	2646520	Phenanthrene-d10	17.04

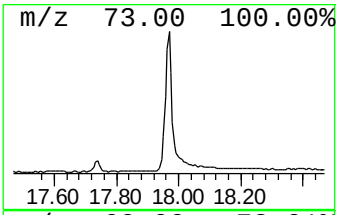
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62

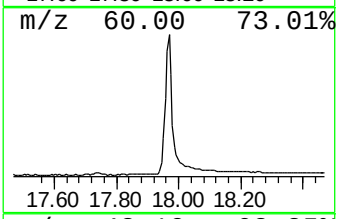


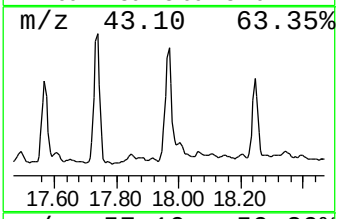


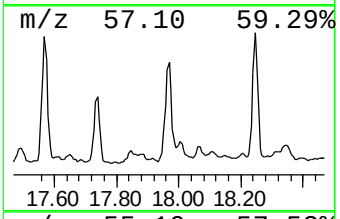


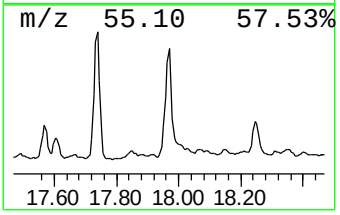












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Acq On : 09 Sep 2020 14:46
Operator : CG/JU
Sample : L3931-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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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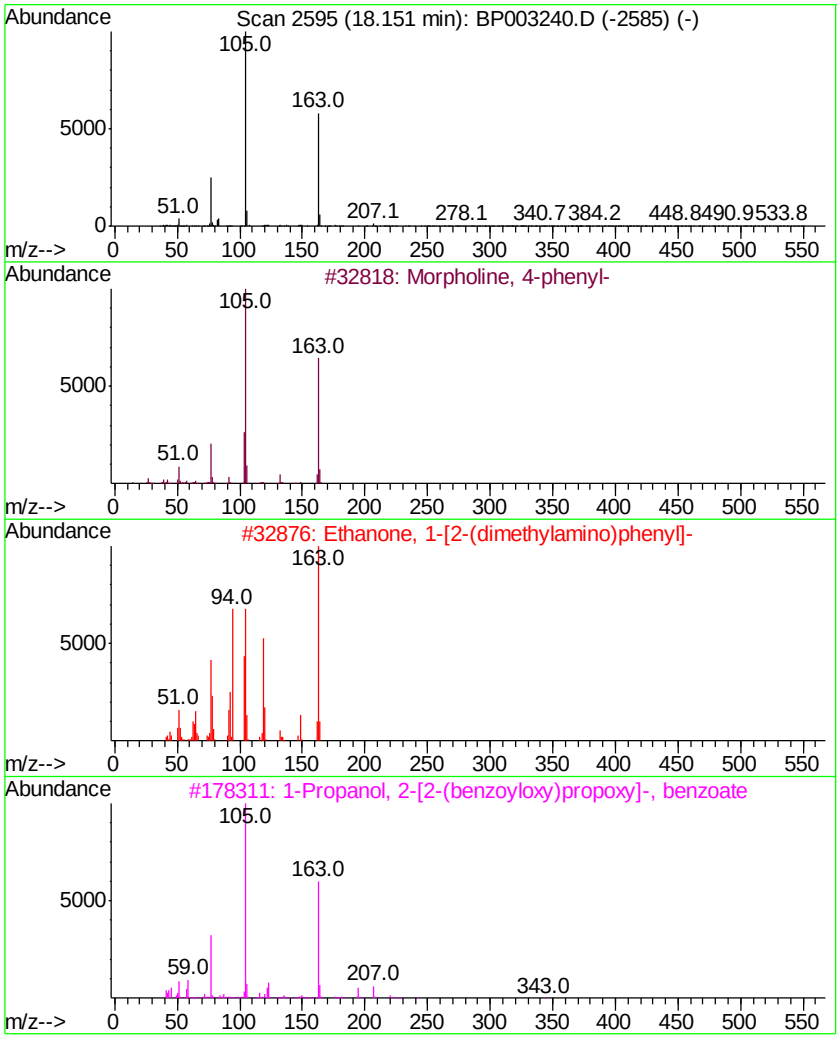
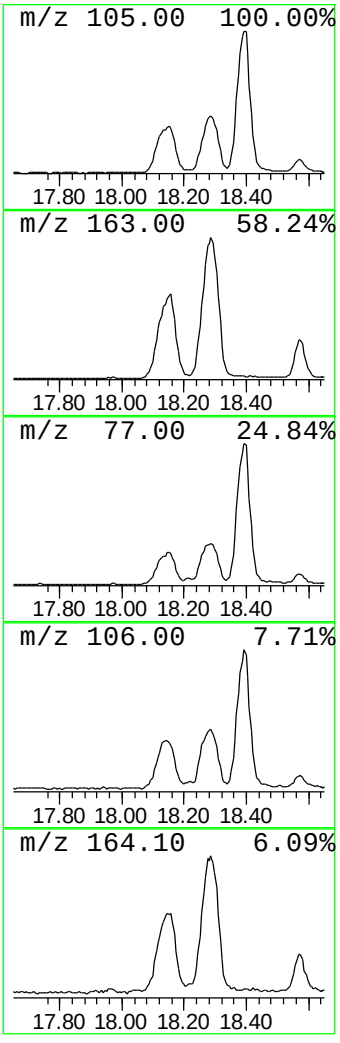
Peak Number 8 Morpholine, 4-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	12.82 ng	1453470	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	64
2	Ethanone, 1-[2-(dimethylamino)ph...	163	C10H13NO	010336-55-7	45
3	1-Propanol, 2-[2-(benzoyloxy)pro...	342	C20H22O5	020109-39-1	39
4	Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	33
5	(3-Phenyloxiran-2-yl)methyl benz...	254	C16H14O3	1000366-96-1	33





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Operator : CG/JU
Sample : L3931-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1-2

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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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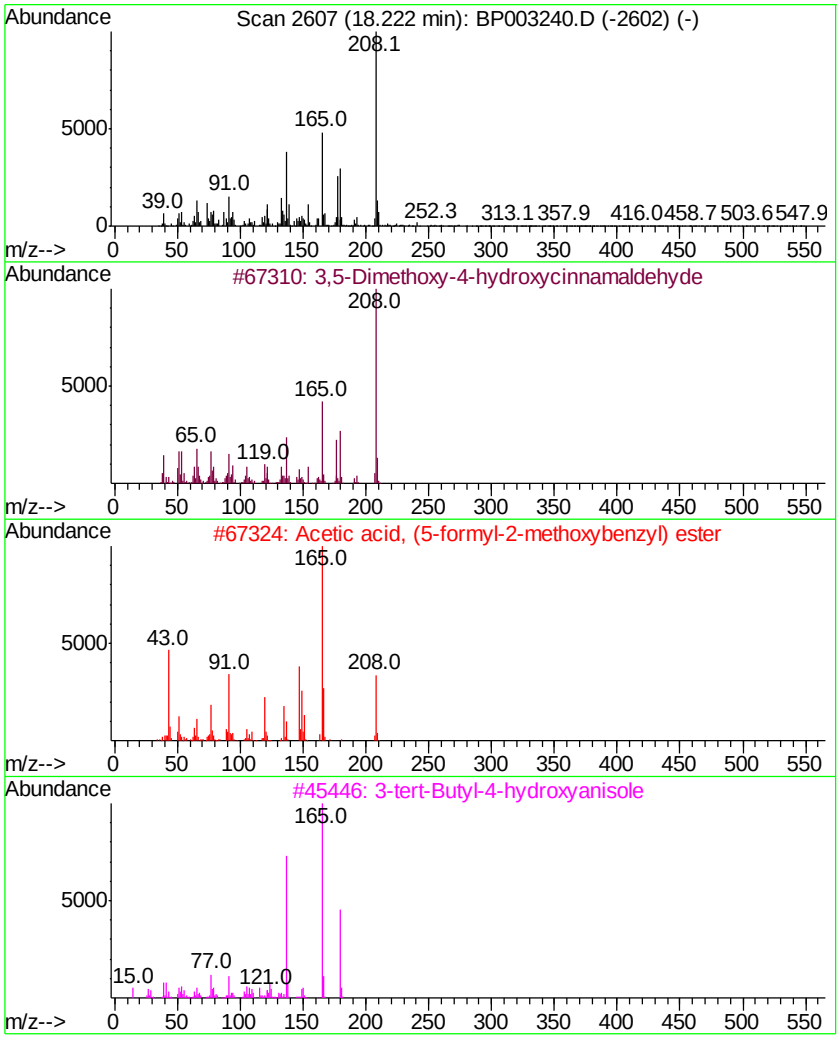
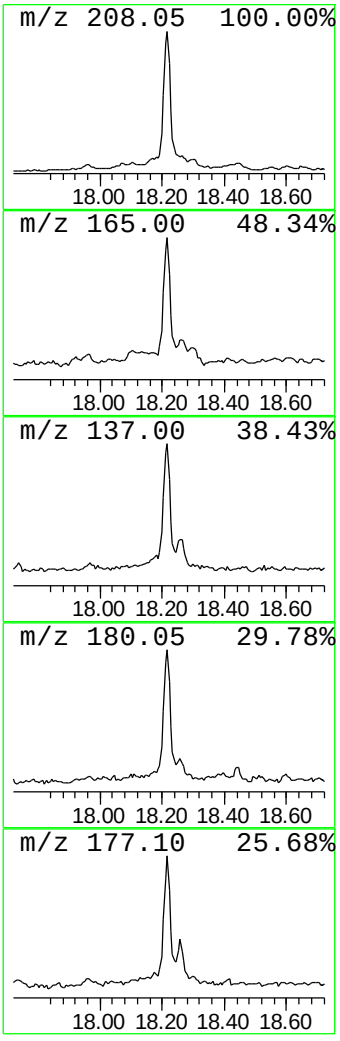
Peak Number 9 3,5-Dimethoxy-4-hydroxycinn... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	3.22 ng	365397	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethoxy-4-hydroxycinnamald...	208	C11H12O4	087345-53-7	93
2	Acetic acid, (5-formyl-2-methoxy...	208	C11H12O4	099865-67-5	46
3	3-tert-Butyl-4-hydroxyanisole	180	C11H16O2	000121-00-6	42
4	Benzene, 1,2,3-trimethoxy-5-(2-p...	208	C12H16O3	000487-11-6	41
5	trans-2,5-Dimethoxycinnamic acid	208	C11H12O4	038489-74-6	41





Library Search Compound Report

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Sample : L3931-03
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ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId : SP-1-2

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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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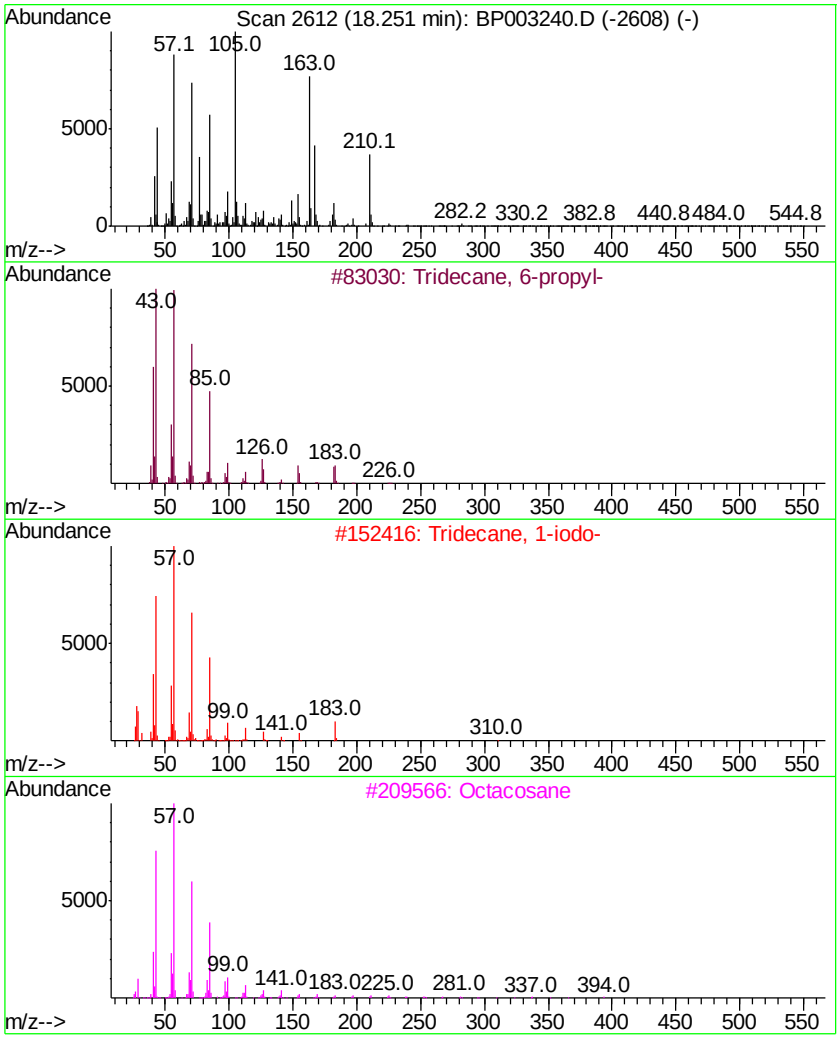
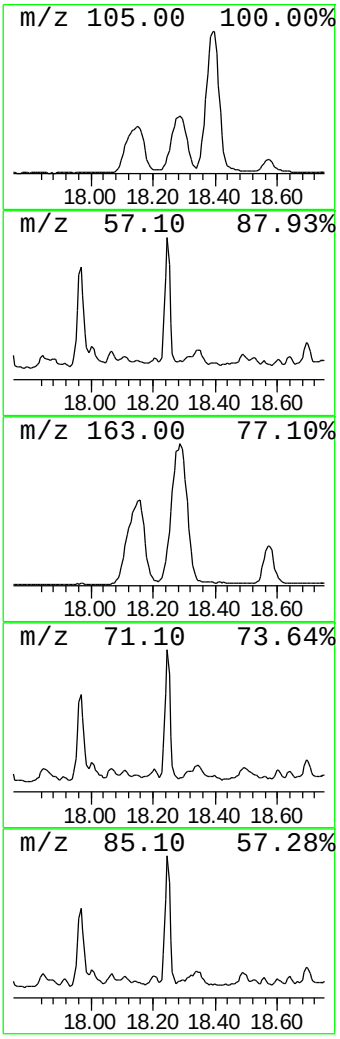
Peak Number 10 Tridecane, 6-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	27.88 ng	3160150	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	66
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	55
3	Octacosane	394	C28H58	000630-02-4	51
4	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	42
5	Octadecane	254	C18H38	000593-45-3	42





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Operator : CG/JU
Sample : L3931-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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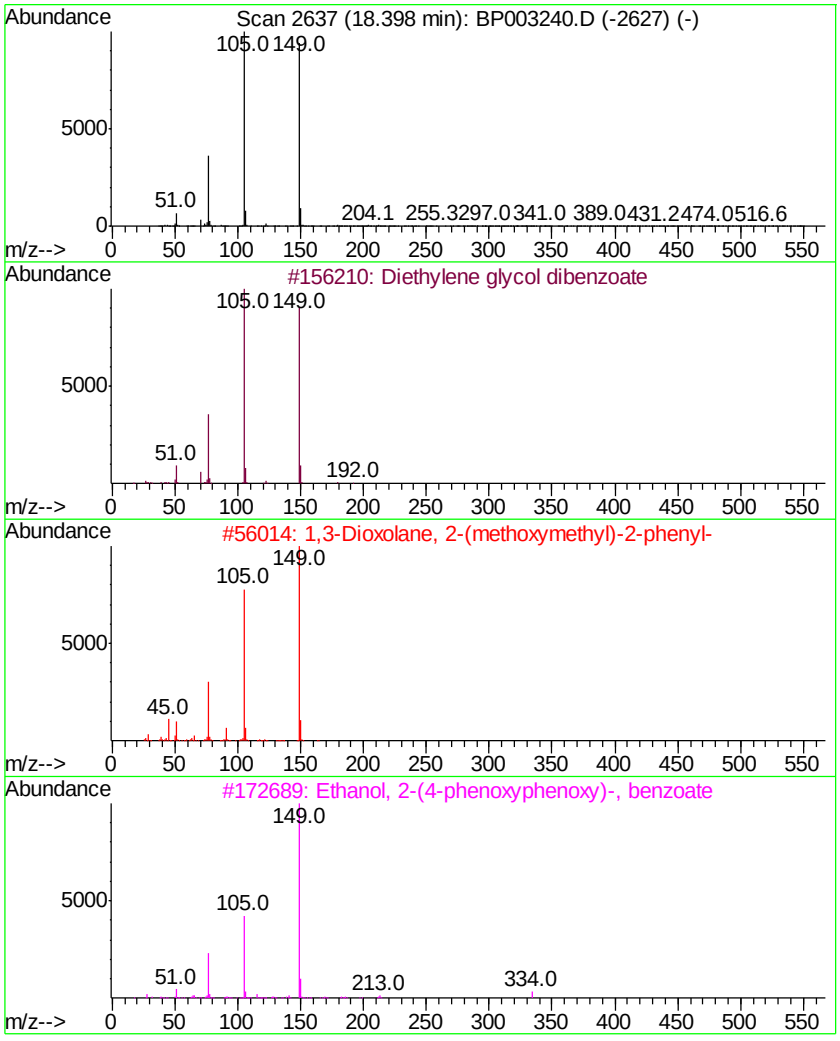
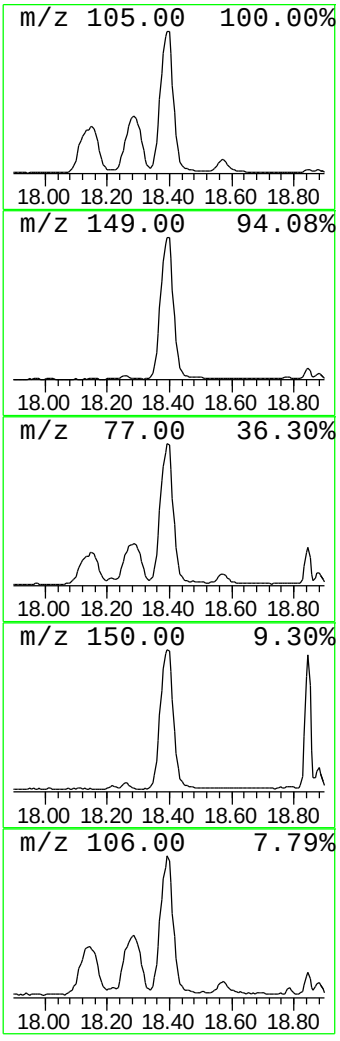
Peak Number 11 Diethylene glycol dibenzoate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	42.91 ng	4864750	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	90
2	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	83
3	Ethanol, 2-(4-phenoxyphenoxy)-, ...	334	C21H18O4	055191-59-8	80
4	Benzoic acid, 2-(2-chlorophenoxy...	276	C15H13ClO3	1000368-25-9	78
5	2,5,8,11-Tetraoxatridecan-13-yl ...	312	C16H24O6	1000366-96-7	78





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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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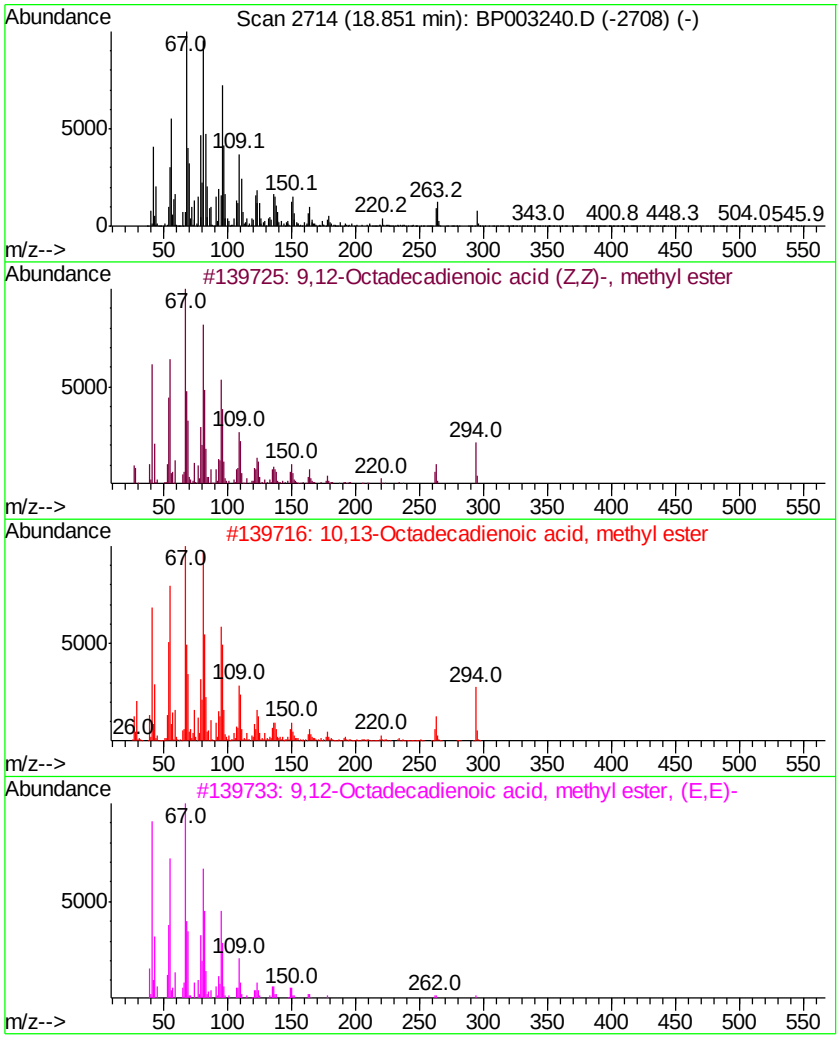
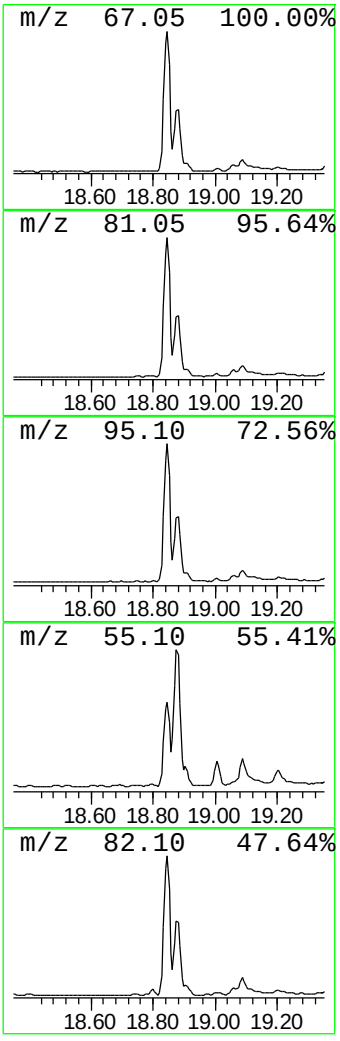
Peak Number 12 9,12-Octadecadienoic acid (... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	54.82 ng	6214510	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99





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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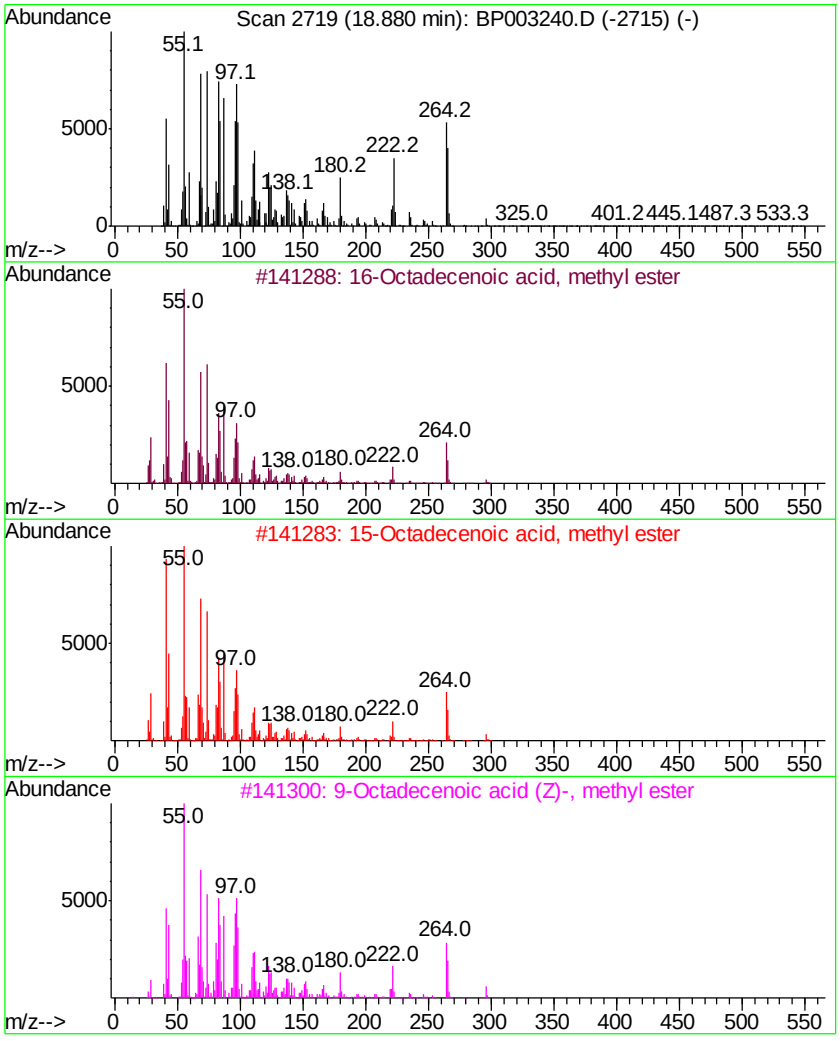
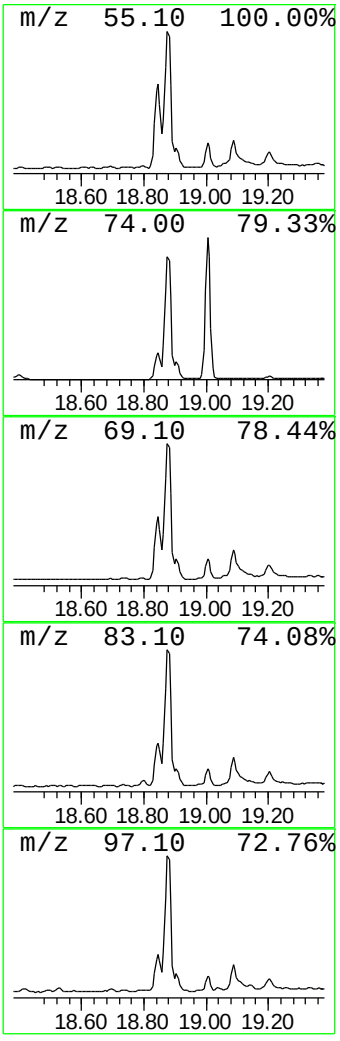
Peak Number 13 16-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	64.71 ng	7336360	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	98
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
4	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	91





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Sample : L3931-03
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Instrument : BNA_P
ClientSampleId : SP-1-2

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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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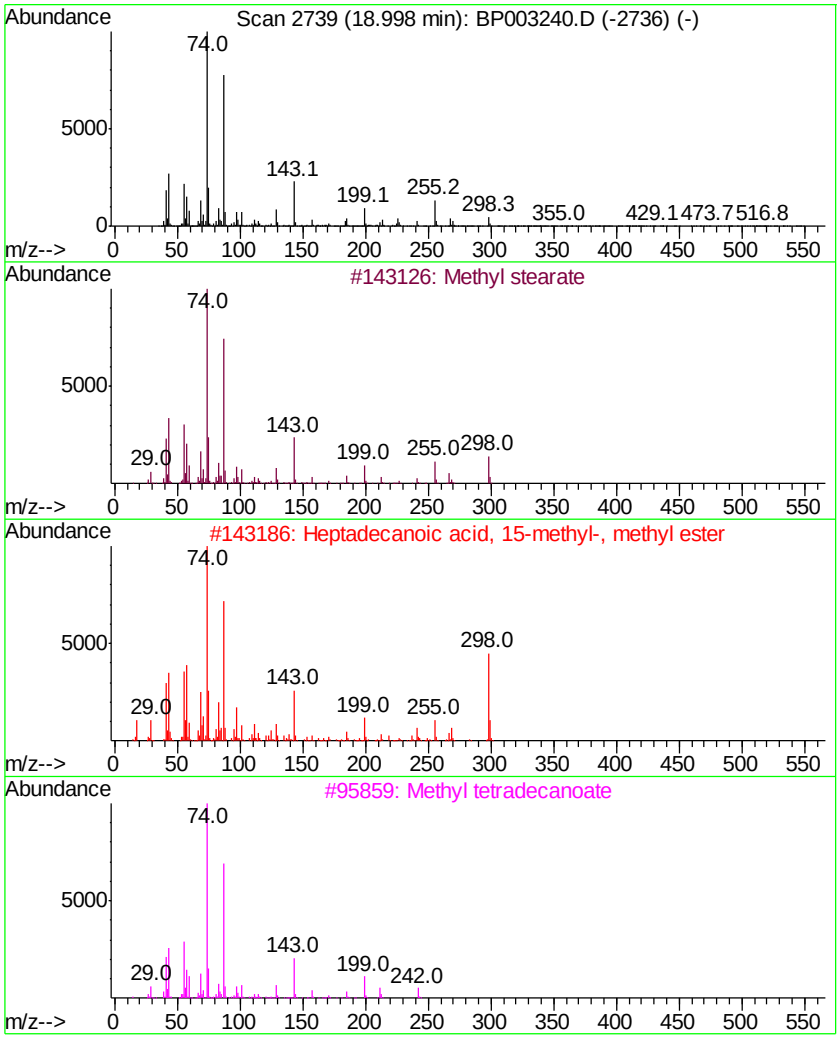
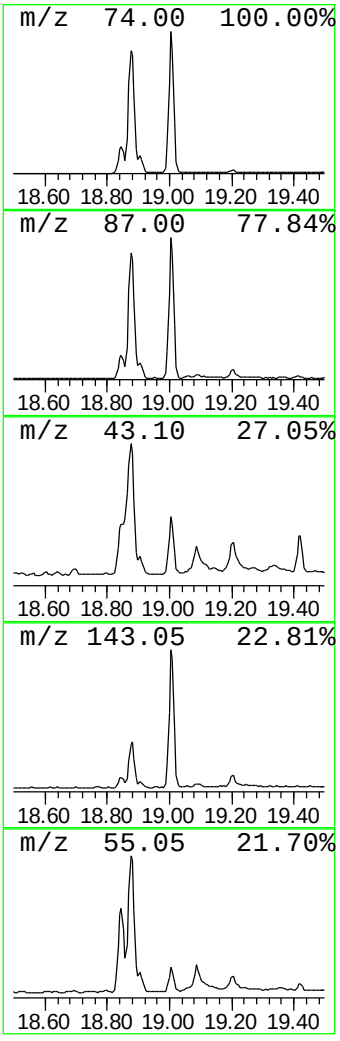
Peak Number 14 Methyl stearate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	14.54 ng	1648770	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	99
2	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	90
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	83
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	72





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1-2

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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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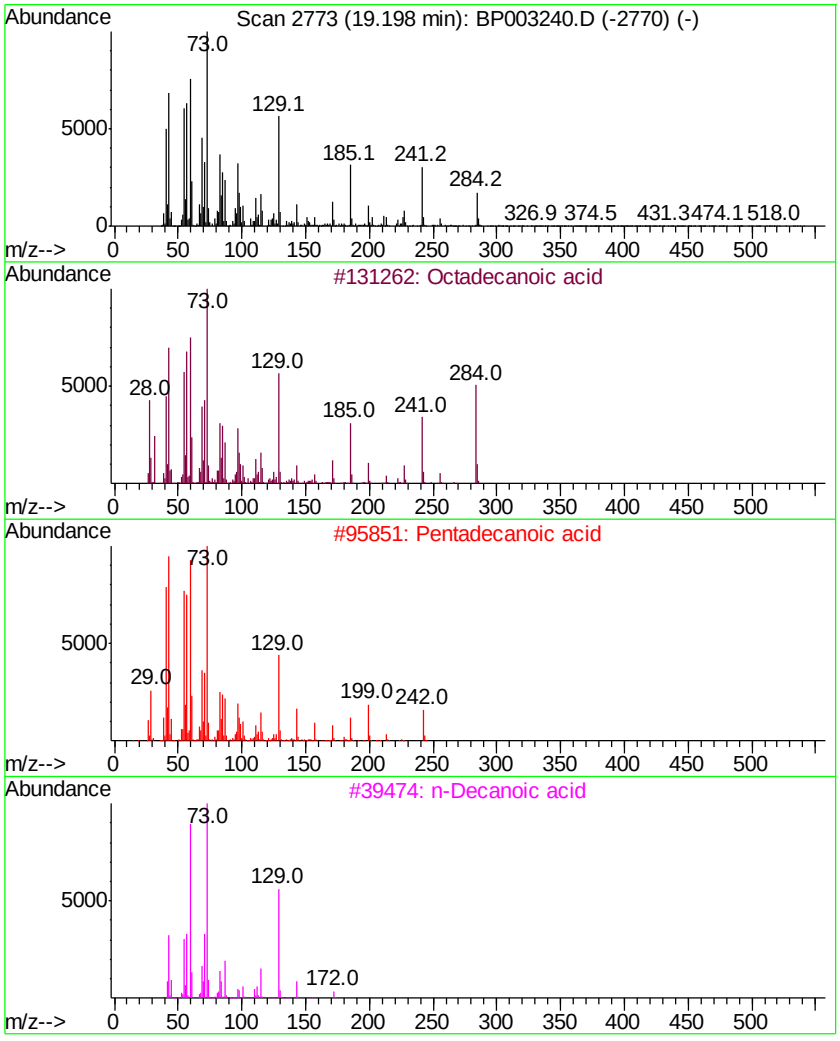
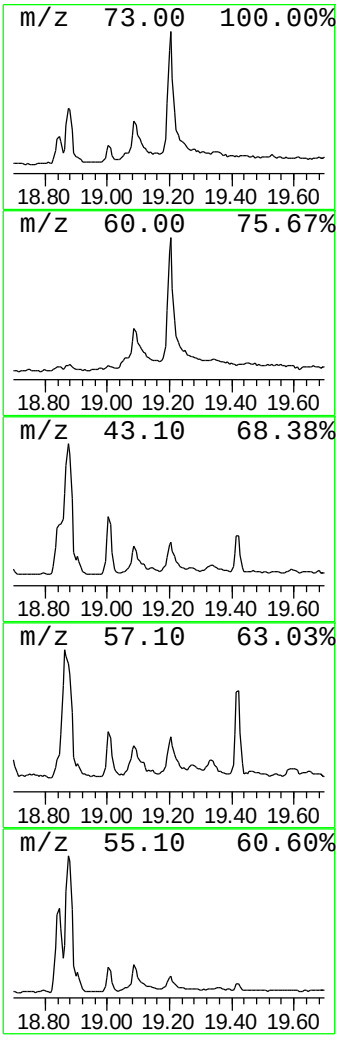
Peak Number 15 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	6.96 ng	987005	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Decanoic acid	172	C10H20O2	000334-48-5	86
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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Sample : L3931-03
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ClientSampleId : SP-1-2

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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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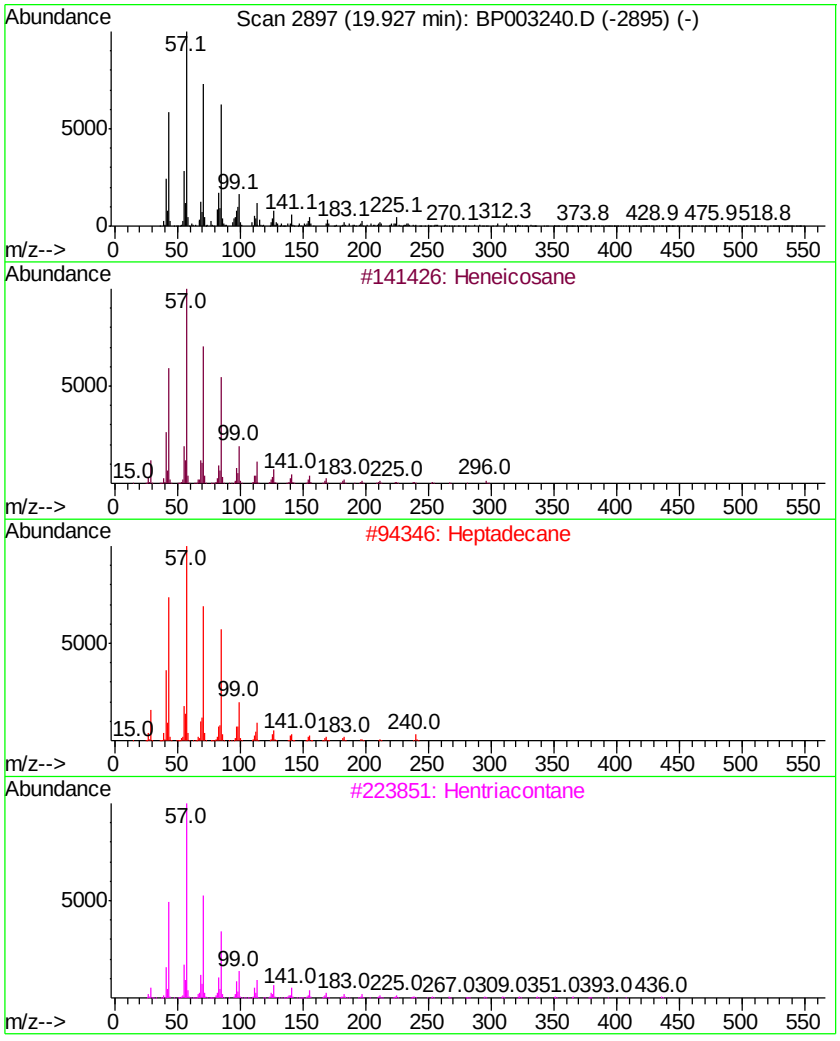
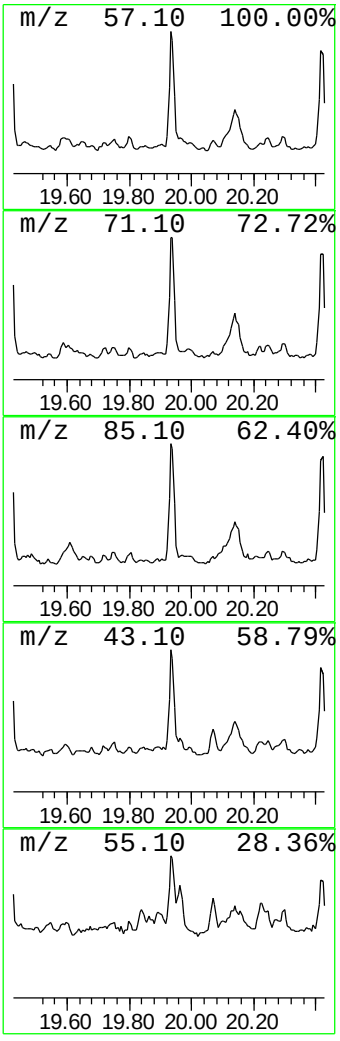
Peak Number 16 Hentriacontane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	3.18 ng	451338	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heptadecane	240	C17H36	000629-78-7	97
3	Hentriacontane	437	C31H64	000630-04-6	93
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Eicosane	282	C20H42	000112-95-8	91





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ClientSampleId : SP-1-2

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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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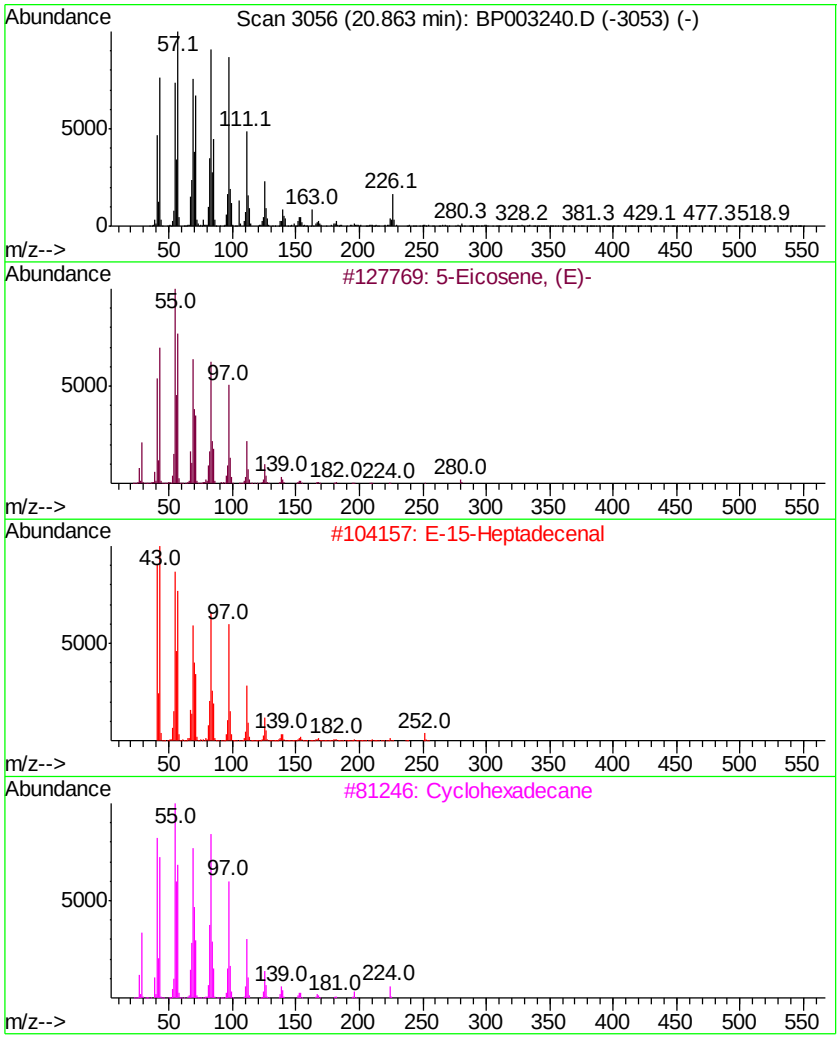
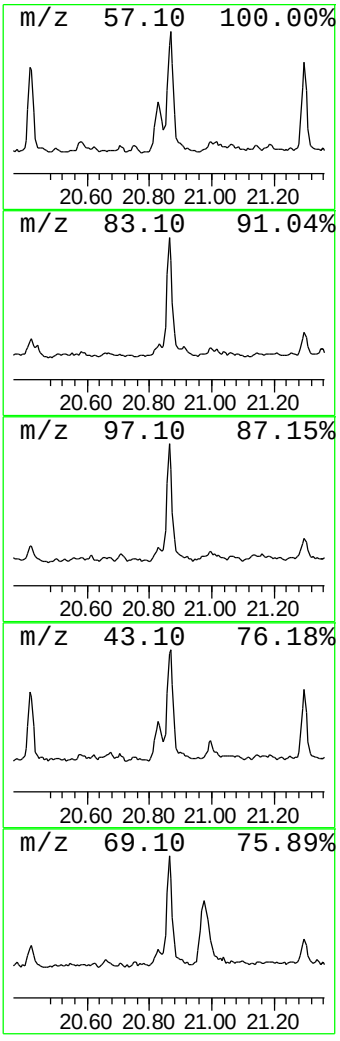
Peak Number 17 5-Eicosene, (E)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	6.47 ng	917432	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	96
3	Cyclohexadecane	224	C16H32	000295-65-8	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	93





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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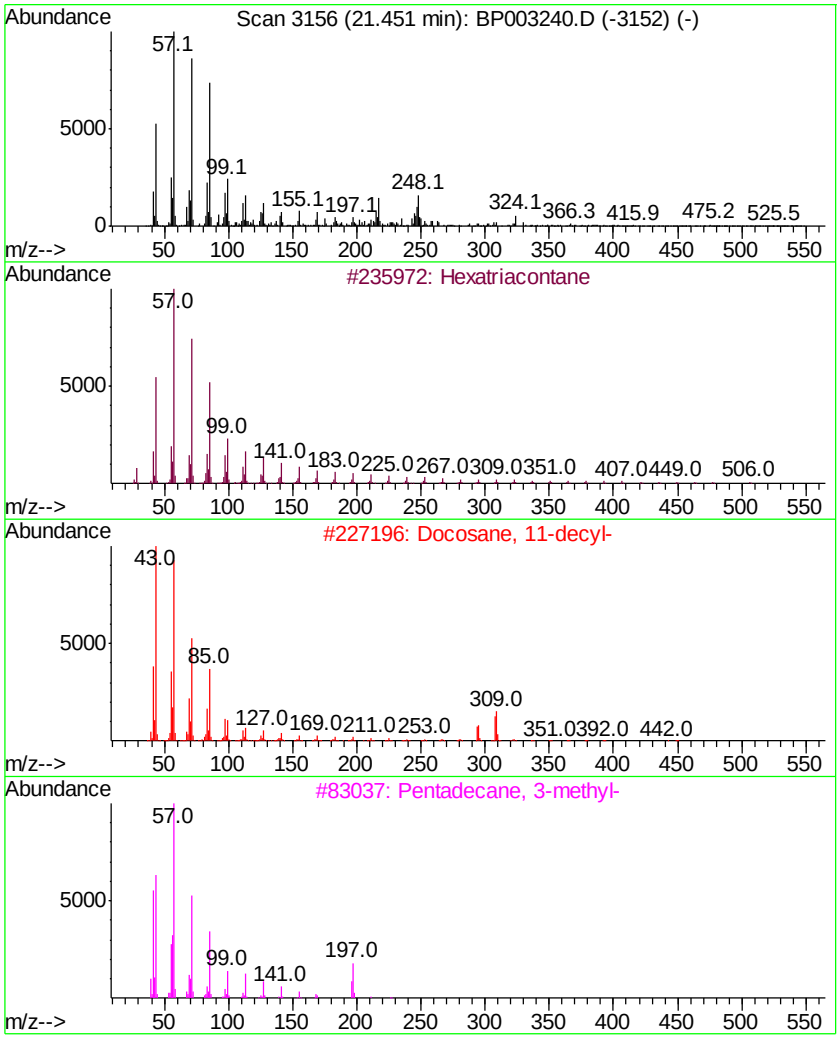
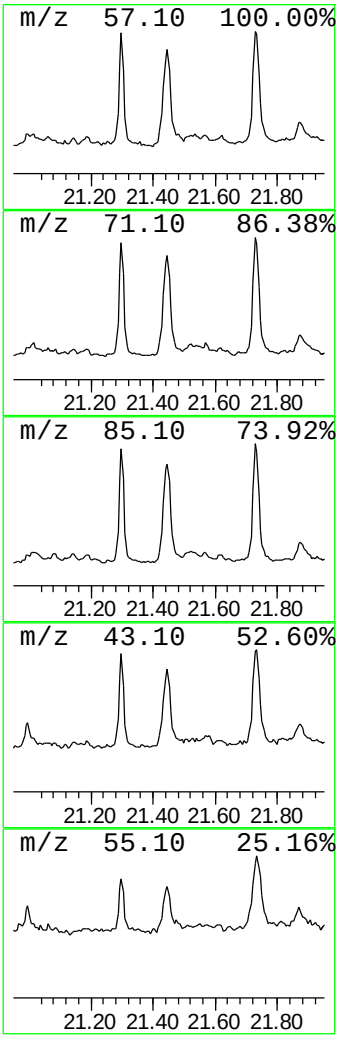
Peak Number 18 Hexatriacontane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	3.00 ng	426114	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	89
2	Docosane, 11-decyl-	451	C32H66	055401-55-3	76
3	Pentadecane, 3-methyl-	226	C16H34	002882-96-4	76
4	Heptadecane	240	C17H36	000629-78-7	76
5	Tetracosane	338	C24H50	000646-31-1	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090920\
Data File : BP003240.D
Acq On : 09 Sep 2020 14:46
Operator : CG/JU
Sample : L3931-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

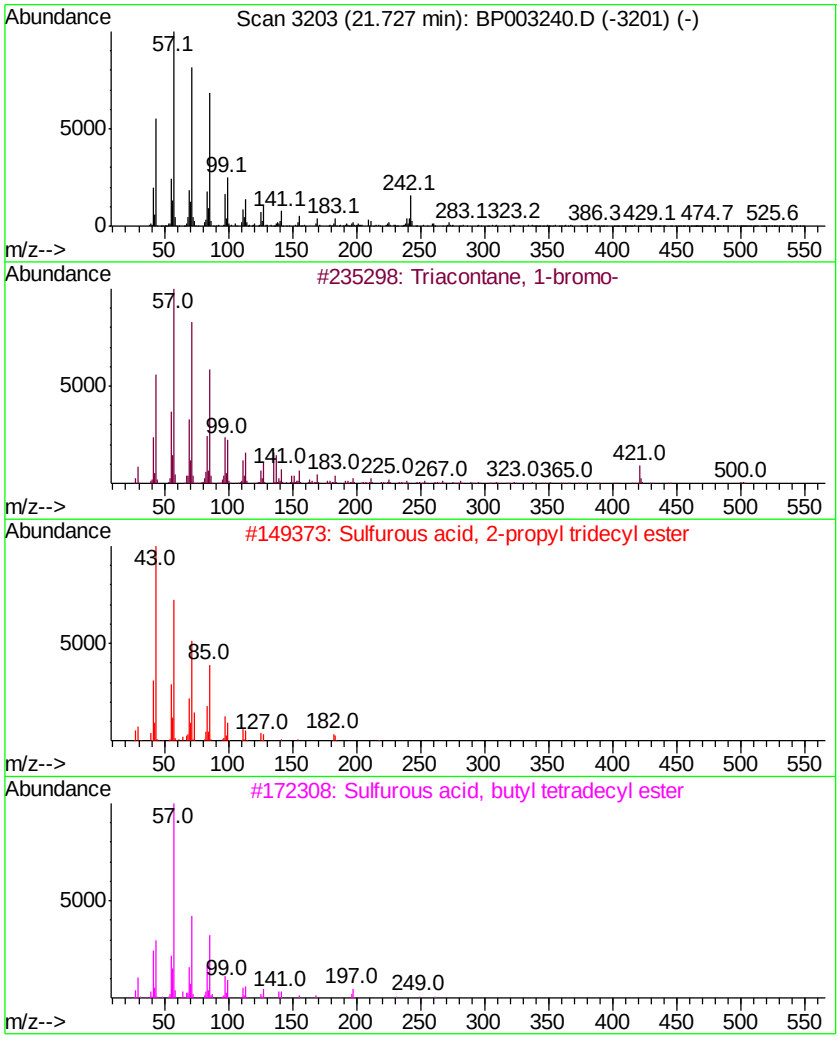
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

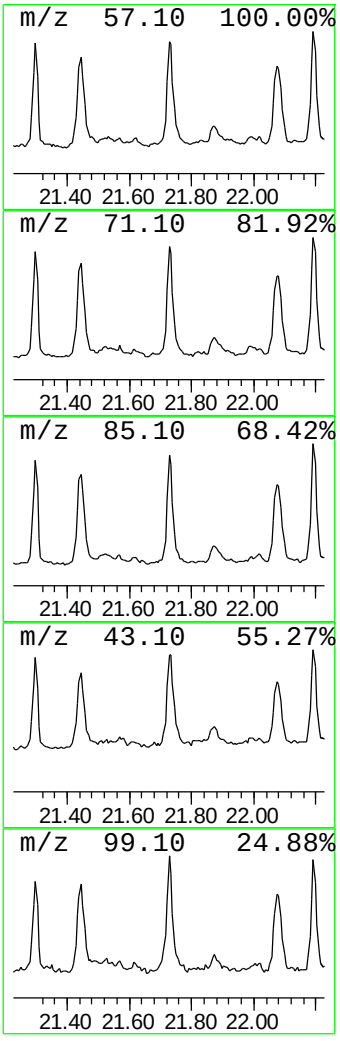
****

Peak Number 19 Triacontane, 1-bromo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.73	4.88 ng	692254	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	90
2	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	87
3	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	87
4	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	87
5	Tetratetracontane	619	C44H90	007098-22-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090920\
Data File : BP003240.D
Acq On : 09 Sep 2020 14:46
Operator : CG/JU
Sample : L3931-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

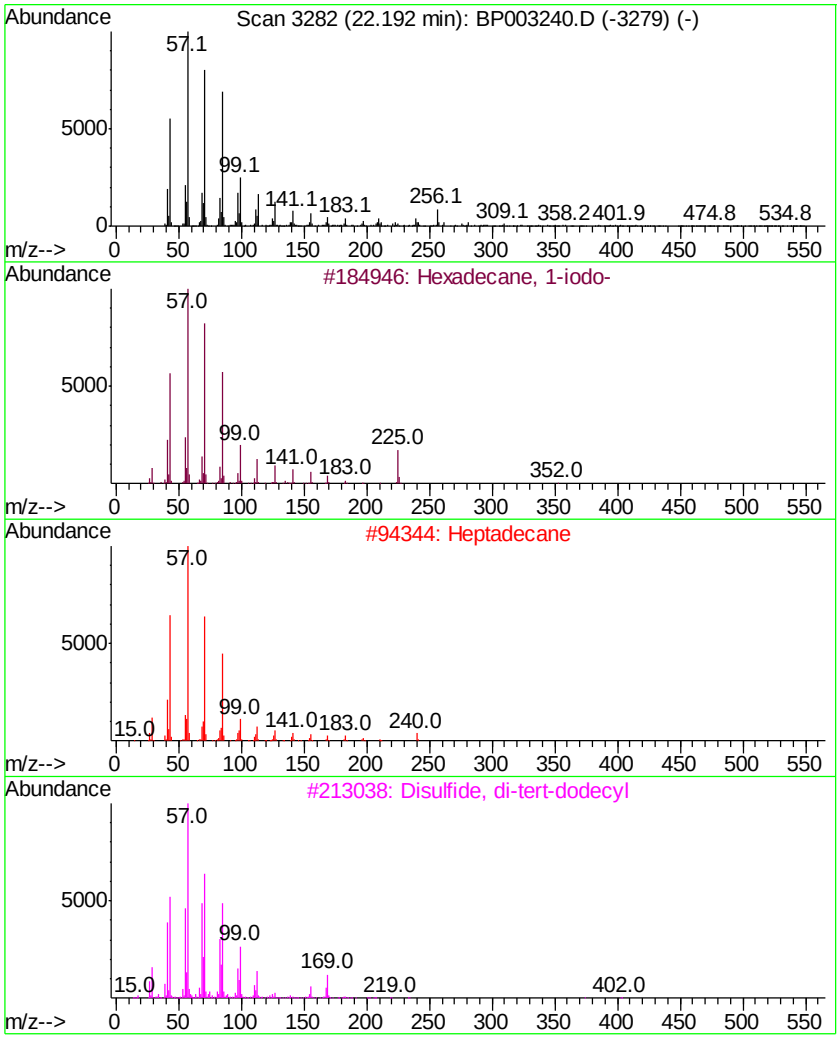
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

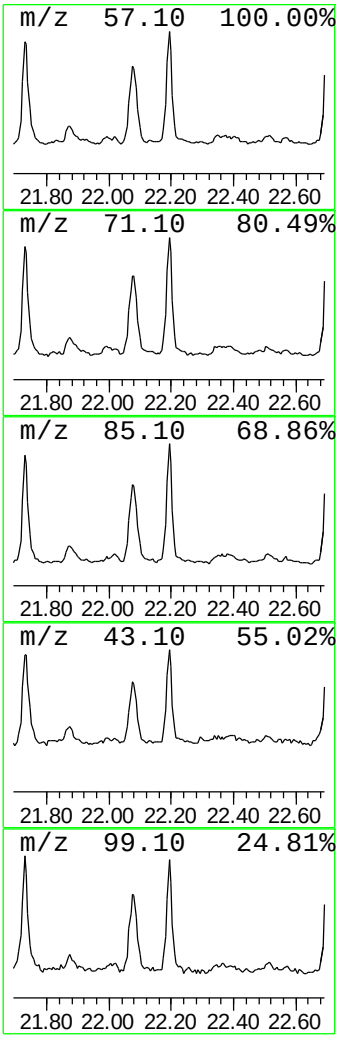
****

Peak Number 20 Hexadecane, 1-iodo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	3.08 ng	437367	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
2	Heptadecane	240	C17H36	000629-78-7	95
3	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Pentacosane	352	C25H52	000629-99-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090920\
Data File : BP003240.D
Acq On : 09 Sep 2020 14:46
Operator : CG/JU
Sample : L3931-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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
Hexadecane	15.17	3.6	ng	384845	3	14.29	2160710	20.0
Heneicosane	16.03	5.6	ng	632702	4	17.04	2267360	20.0
Triacontane	16.83	5.4	ng	609985	4	17.04	2267360	20.0
Octadecane	16.88	4.1	ng	460469	4	17.04	2267360	20.0
Heptacosane	17.57	5.9	ng	672960	4	17.04	2267360	20.0
Hexadecanoic acid...	17.74	21.8	ng	2466230	4	17.04	2267360	20.0
n-Hexadecanoic acid	17.97	23.3	ng	2646520	4	17.04	2267360	20.0
Morpholine, 4-phe...	18.15	12.8	ng	1453470	4	17.04	2267360	20.0
3,5-Dimethoxy-4-h...	18.22	3.2	ng	365397	4	17.04	2267360	20.0
Tridecane, 6-propyl-	18.25	27.9	ng	3160150	4	17.04	2267360	20.0
Diethylene glycol...	18.40	42.9	ng	4864750	4	17.04	2267360	20.0
9,12-Octadecadien...	18.85	54.8	ng	6214510	4	17.04	2267360	20.0
16-Octadecenoic a...	18.88	64.7	ng	7336360	4	17.04	2267360	20.0
Methyl stearate	19.00	14.5	ng	1648770	4	17.04	2267360	20.0
Octadecanoic acid	19.20	7.0	ng	987005	5	21.13	2837460	20.0
Hentriacontane	19.93	3.2	ng	451338	5	21.13	2837460	20.0
5-Eicosene, (E)-	20.86	6.5	ng	917432	5	21.13	2837460	20.0
Hexatriacontane	21.45	3.0	ng	426114	5	21.13	2837460	20.0
Triacontane, 1-br...	21.73	4.9	ng	692254	5	21.13	2837460	20.0
Hexadecane, 1-iodo-	22.19	3.1	ng	437367	5	21.13	2837460	20.0