LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120513.D
Acq On : 3 Jun 2020 16:57
Operator : JU/CG
Sample : L2839-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM27-COMP-2020-0-6

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_F\METHODS\8270-BF052820.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	1.952	9	11	19	rBV	793864	1010800	25.27%	2.211%
2	2.081	28	33	48	rVB	946523	1222420	30.56%	2.674%
3	5.457	601	607	610	rBV	2903528	3015042	75.37%	6.595%
4	6.469	774	779	782	rBV	3099953	3654470	91.35%	7.993%
5	6.663	809	812	817	rBV	72290	76758	1.92%	0.168%
6	6.834	837	841	844	rBV	1515999	1193221	29.83%	2.610%
7	6.993	863	868	871	rBV	3632225	3198735	79.96%	6.996%
8	7.398	931	937	940	rBV	2664569	2529374	63.23%	5.532%
9	8.116	1055	1059	1062	rBV	1735799	1367020	34.17%	2.990%
10	9.192	1237	1242	1245	rBV	4559584	4000360	100.00%	8.750%
11	9.581	1305	1308	1312	rVB	860848	743344	18.58%	1.626%
12	9.728	1329	1333	1336	rBV	48781	45020	1.13%	0.098%
13	9.869	1351	1357	1361	rBV	2019861	1762246	44.05%	3.854%
14	10.663	1487	1492	1495	rBV	2612215	2563190	64.07%	5.606%
15	11.222	1580	1587	1589	rBV5	26997	53481	1.34%	0.117%
16	11.304	1597	1601	1605	rBV	119400	113321	2.83%	0.248%
17	11.357	1605	1610	1612	rVV	1885647	1658364	41.46%	3.627%
18	11.381	1612	1614	1617	rVB	348016	267665	6.69%	0.585%
19	11.428	1620	1622	1625	rVB	75455	58524	1.46%	0.128%
20	11.816	1683	1688	1691	rBV	127342	155693	3.89%	0.341%
21	11.851	1691	1694	1697	rVV2	291742	290024	7.25%	0.634%
22	11.886	1697	1700	1704	rVB	566062	479456	11.99%	1.049%
23	11.969	1711	1714	1716	rBV2	115304	117121	2.93%	0.256%
24	11.992	1716	1718	1721	rVB	60884	47938	1.20%	0.105%
25	12.057	1726	1729	1733	rBV2	64320	55060	1.38%	0.120%
26	12.404	1785	1788	1792	rBV	67975	86022	2.15%	0.188%
27	12.486	1797	1802	1808	rVB5	51337	106263	2.66%	0.232%
28	12.569	1813	1816	1819	rVV	856103	692930	17.32%	1.516%
29	12.610	1819	1823	1830	rVB5	67893	115745	2.89%	0.253%
30	12.669	1830	1833	1835	rBV2	52756	50706	1.27%	0.111%
31	12.798	1849	1855	1858	rBV	757898	763184	19.08%	1.669%
32	12.845	1860	1863	1867	rVB2	37499	51876	1.30%	0.113%
33	12.945	1875	1880	1883	rVB	3948621	3593324	89.83%	7.859%
34	13.016	1887	1892	1895	rBV2	60039	88410	2.21%	0.193%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120513.D
Acq On : 3 Jun 2020 16:57
Operator : JU/CG
Sample : L2839-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM27-COMP-2020-0-6

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_F\METHODS\8270-BF052820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.104	1904	1907	1908	rBV2	38763	44927	1.12%	0.098%
36	13.127	1908	1911	1914	rVB	107899	107751	2.69%	0.236%
37	13.175	1914	1919	1920	rBV3	86489	115882	2.90%	0.253%
38	13.192	1920	1922	1924	rVB	80784	57866	1.45%	0.127%
39	13.227	1924	1928	1931	rBV2	95071	109053	2.73%	0.239%
40	13.322	1941	1944	1946	rVB	57722	46866	1.17%	0.103%
41	13.351	1946	1949	1953	rVB	64951	65218	1.63%	0.143%
42	13.392	1953	1956	1959	rBV5	29221	43477	1.09%	0.095%
43	13.516	1972	1977	1984	rBV4	111277	198964	4.97%	0.435%
44	13.633	1994	1997	2001	rVB	113850	117214	2.93%	0.256%
45	13.733	2011	2014	2018	rBV2	110771	155839	3.90%	0.341%
46	13.798	2023	2025	2029	rVV3	68052	112483	2.81%	0.246%
47	13.845	2029	2033	2039	rVB2	331608	465867	11.65%	1.019%
48	13.992	2050	2058	2061	rBV2	1114736	1459913	36.49%	3.193%
49	14.022	2061	2063	2068	rVB	315914	277175	6.93%	0.606%
50	14.163	2085	2087	2088	rBV	97930	78805	1.97%	0.172%
51	14.186	2088	2091	2094	rVB3	147731	168954	4.22%	0.370%
52	14.280	2104	2107	2110	rBV2	111434	103412	2.59%	0.226%
53	14.316	2110	2113	2116	rBV3	82253	99627	2.49%	0.218%
54	14.380	2121	2124	2128	rVV	70758	87140	2.18%	0.191%
55	14.469	2136	2139	2141	rBV2	178246	195041	4.88%	0.427%
56	14.769	2188	2190	2193	rVB	108668	94127	2.35%	0.206%
57	14.916	2212	2215	2221	rVB3	114919	126791	3.17%	0.277%
58	15.027	2230	2234	2237	rBV	262528	377157	9.43%	0.825%
59	15.104	2244	2247	2250	rBV	215195	223547	5.59%	0.489%
60	15.139	2250	2253	2259	rVB2	130194	218015	5.45%	0.477%
61	15.327	2281	2285	2291	rVB	153572	189515	4.74%	0.415%
62	15.386	2291	2295	2301	rVB	203554	237510	5.94%	0.519%
63	15.451	2301	2306	2309	rBV	704751	873914	21.85%	1.911%
64	15.480	2309	2311	2322	rVB4	154813	233631	5.84%	0.511%
65	15.680	2342	2345	2349	rVB2	84500	106323	2.66%	0.233%
66	15.916	2380	2385	2391	rVB	256207	365392	9.13%	0.799%
67	15.986	2393	2397	2408	rVB5	92879	254429	6.36%	0.556%
68	16.339	2453	2457	2465	rBV5	62277	151521	3.79%	0.331%
69	16.898	2547	2552	2557	rBV3	112029	250411	6.26%	0.548%
70	17.080	2576	2583	2597	rBV2	944689	2202688	55.06%	4.818%
71	17.510	2650	2656	2673	rVB8	136660	476489	11.91%	1.042%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120513.D
Acq On : 3 Jun 2020 16:57
Operator : JU/CG
Sample : L2839-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM27-COMP-2020-0-6

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_F\METHODS\8270-BF052820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 45720041

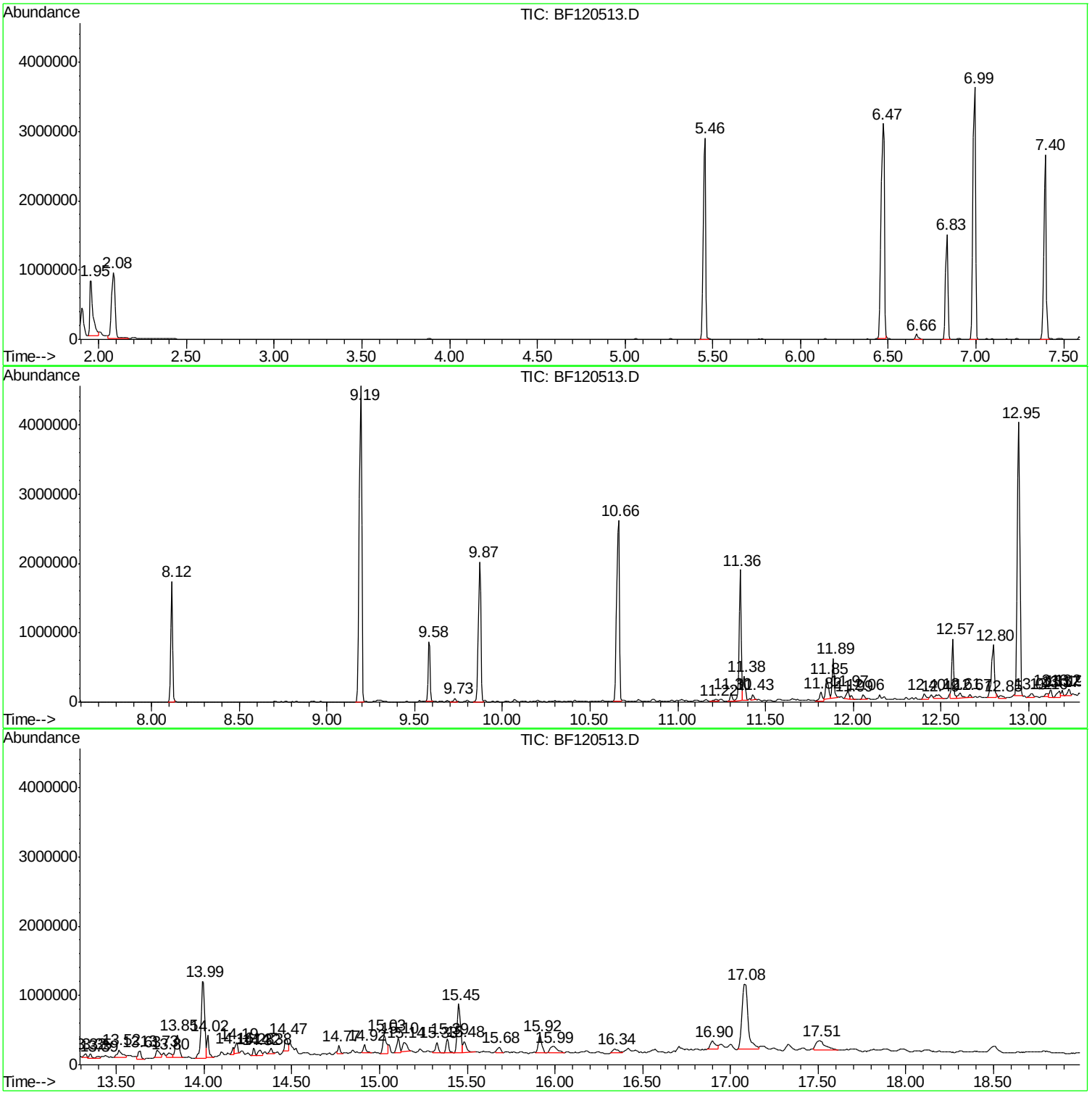
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120513.D
Acq On : 3 Jun 2020 16:57
Operator : JU/CG
Sample : L2839-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM27-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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 F\DATA\BF060320\
Data File : BF120513.D
Acq On : 3 Jun 2020 16:57
Operator : JU/CG
Sample : L2839-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM27-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

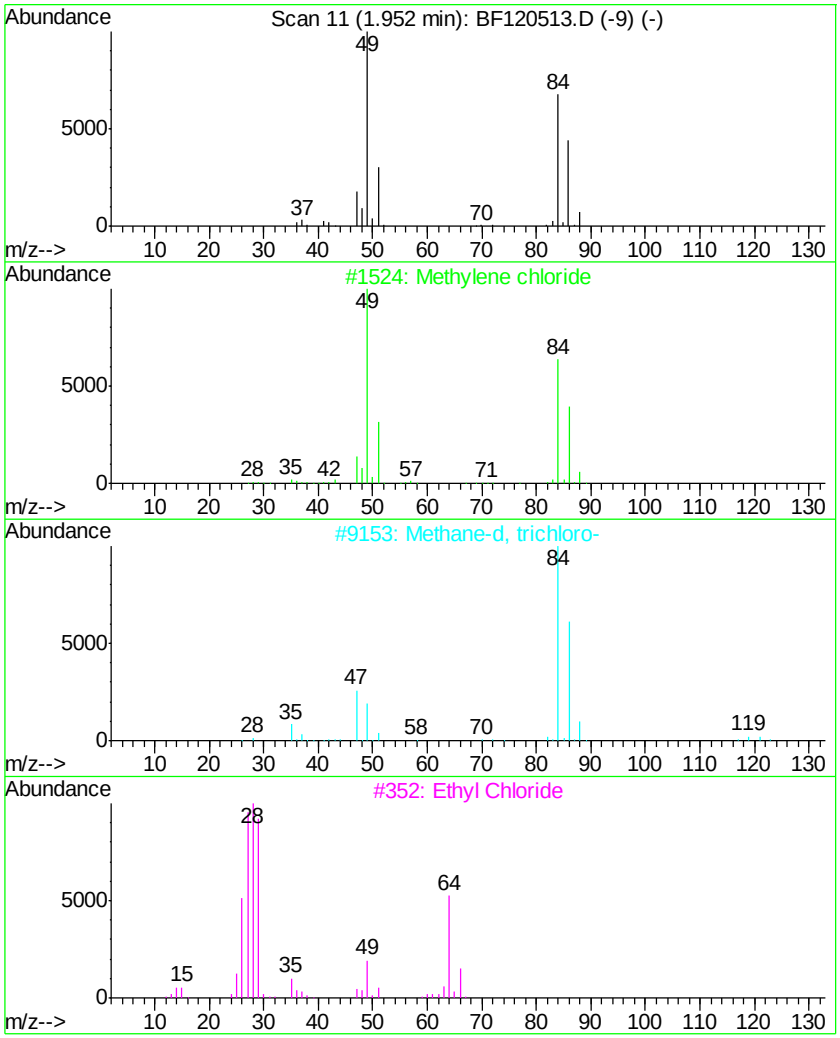
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

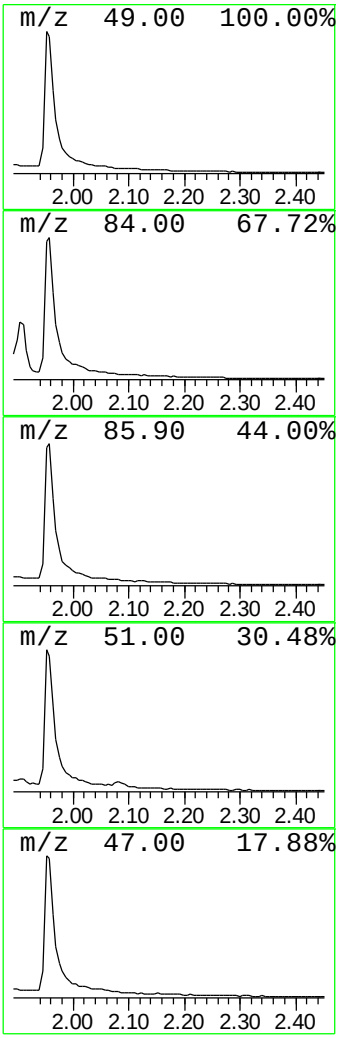
****

Peak Number 1 Methylene chloride Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.95	16.94 ng	1010800	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene chloride	84	CH2Cl2	000075-09-2	95
2	Methane-d, trichloro-	119	CDCl3	000865-49-6	10
3	Ethyl Chloride	64	C2H5Cl	000075-00-3	4
4	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2
5	Boron trifluoride	68	BF3	007637-07-2	1





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120513.D
Acq On : 3 Jun 2020 16:57
Operator : JU/CG
Sample : L2839-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM27-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

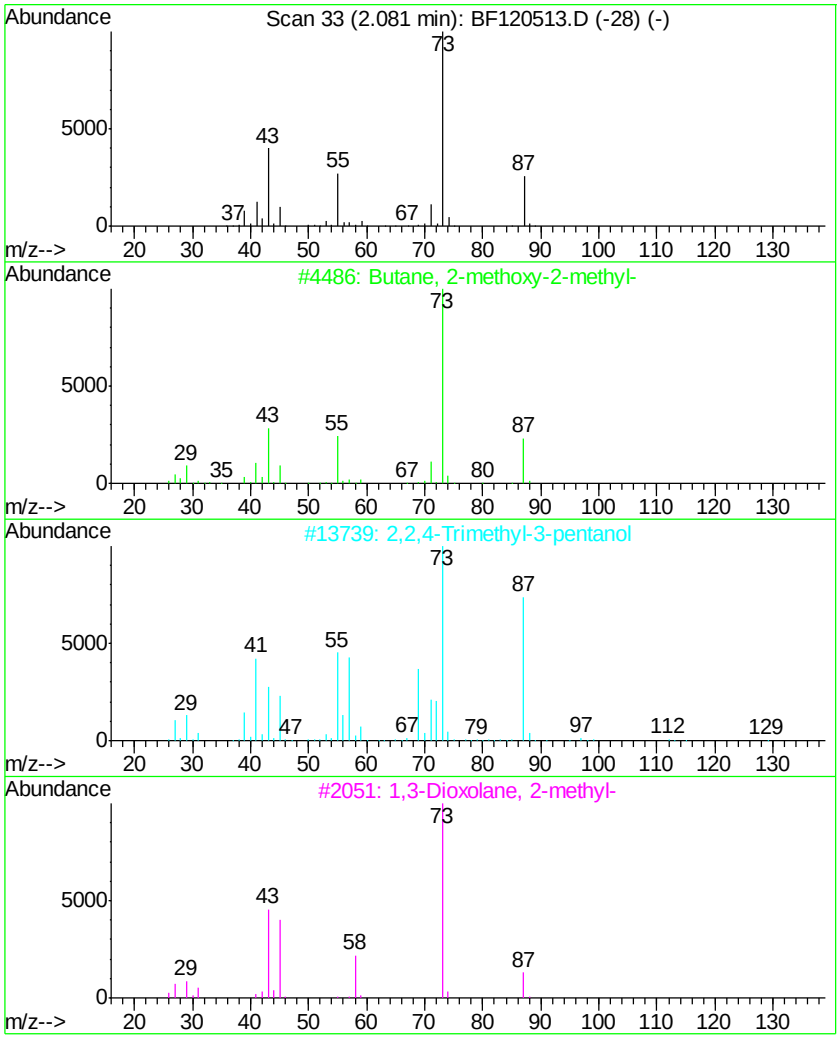
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

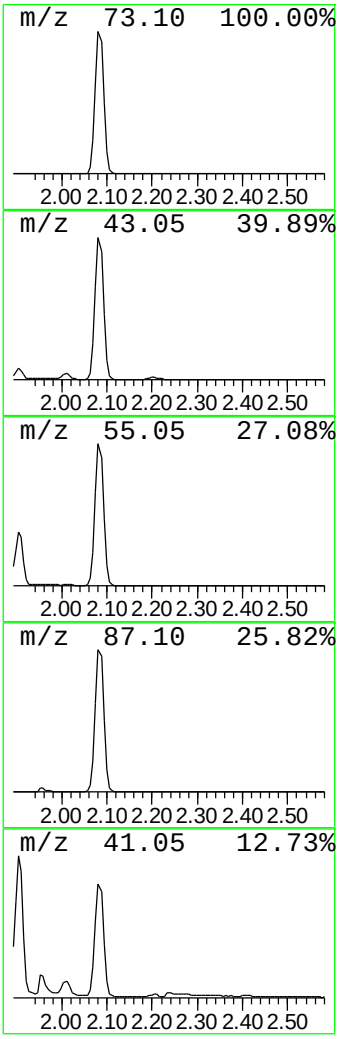
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.08	20.49 ng	1222420	1,4-Dichlorobenzene-d4	6.83

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	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120513.D
Acq On : 3 Jun 2020 16:57
Operator : JU/CG
Sample : L2839-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM27-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

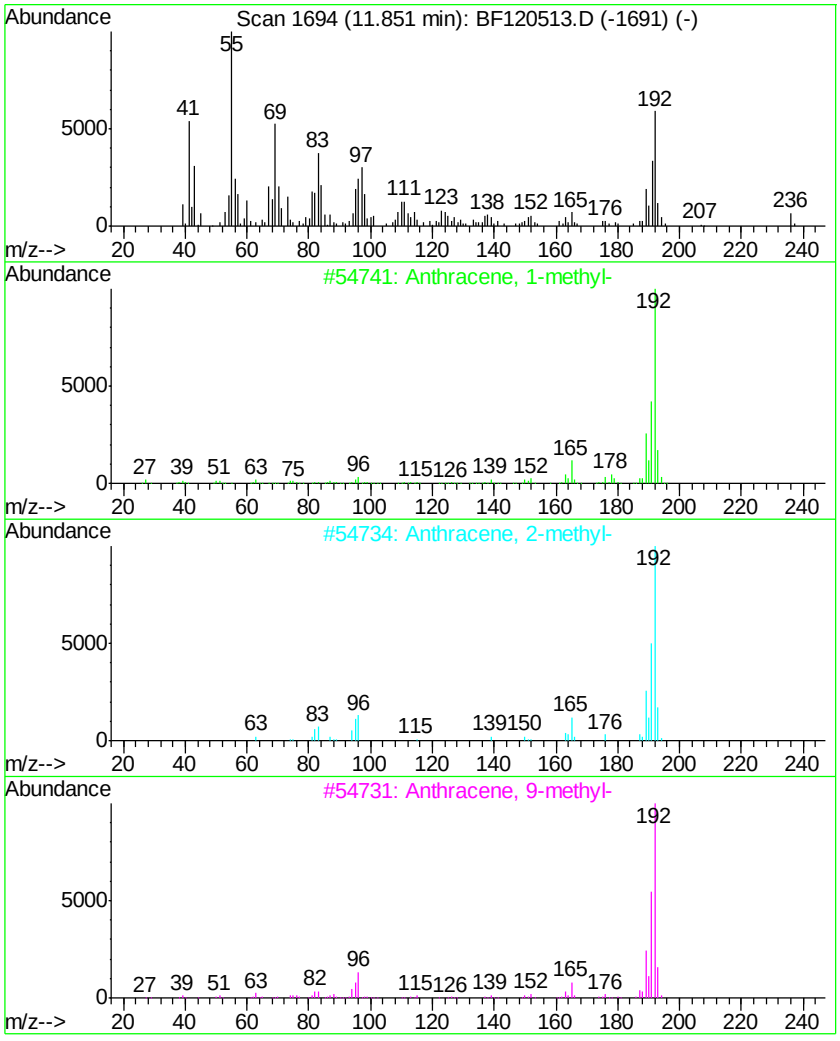
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

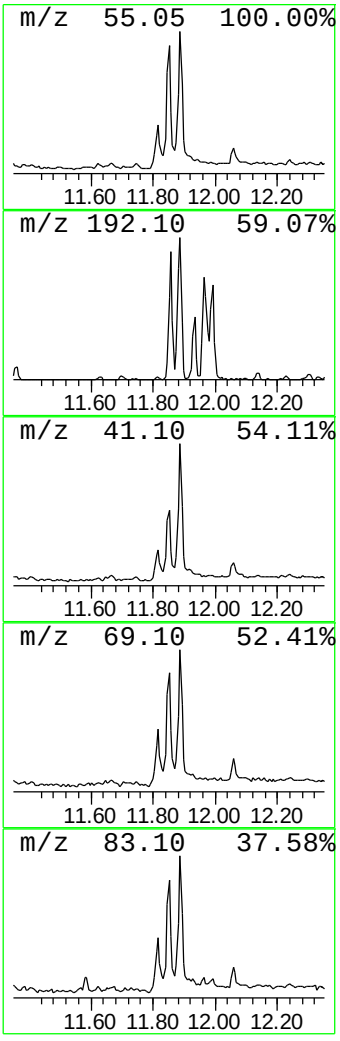
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	3.50 ng	290024	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	55
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	55
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	49
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120513.D
Acq On : 3 Jun 2020 16:57
Operator : JU/CG
Sample : L2839-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM27-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

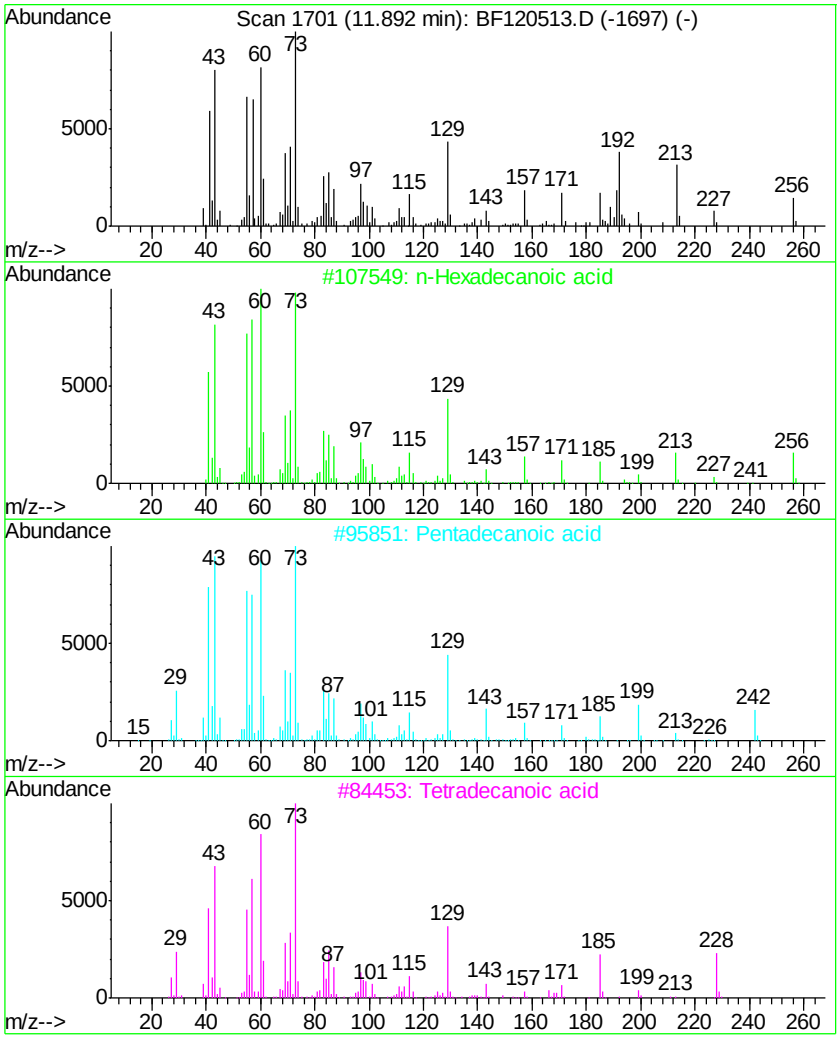
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

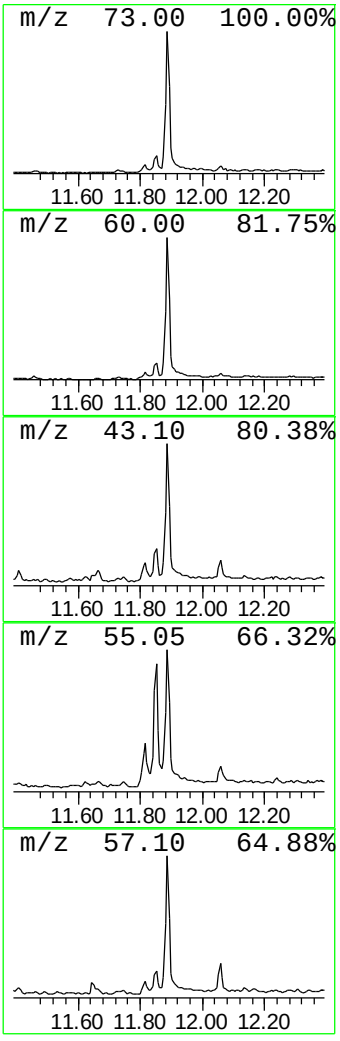
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	5.78 ng	479456	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120513.D
Acq On : 3 Jun 2020 16:57
Operator : JU/CG
Sample : L2839-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM27-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

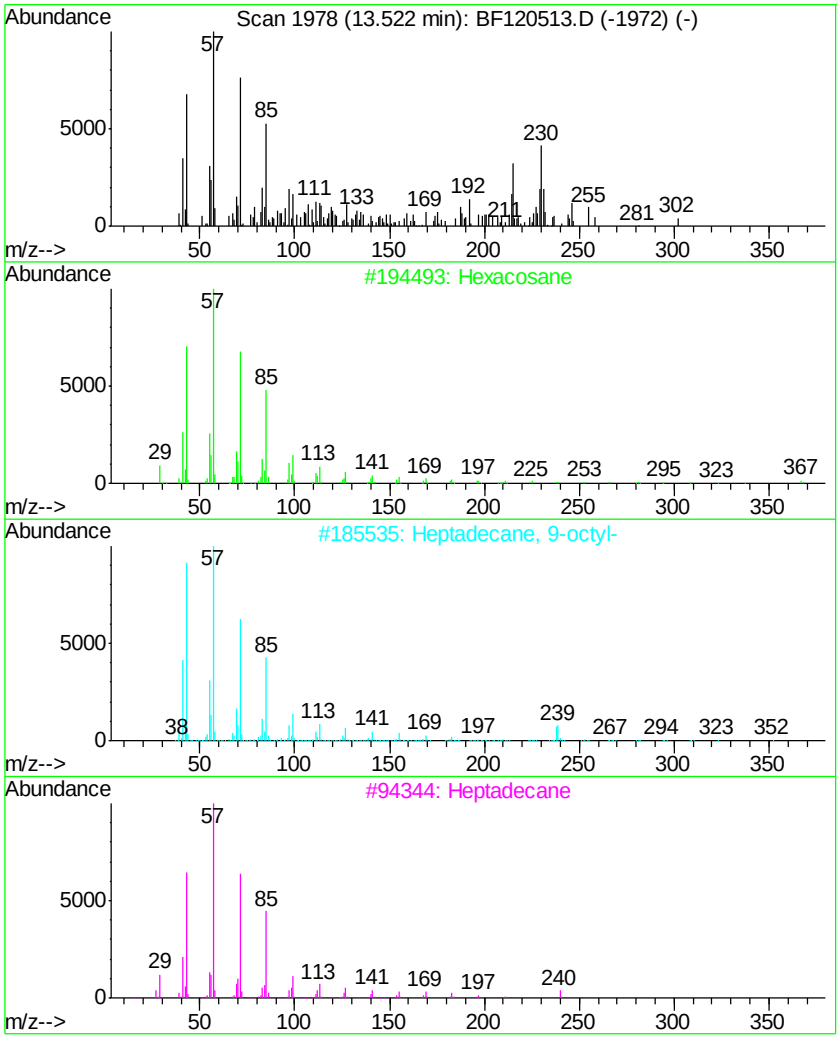
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

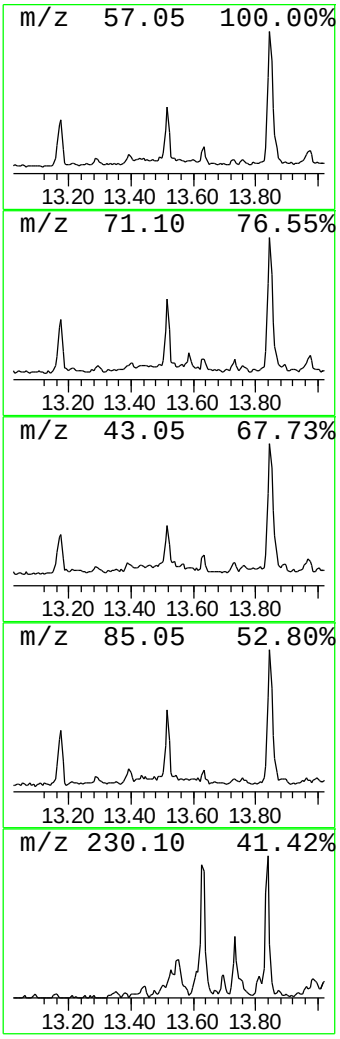
****

Peak Number 6 Hexacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	2.73 ng	198964	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	53
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	53
3	Heptadecane	240	C17H36	000629-78-7	53
4	Tetratetracontane	619	C44H90	007098-22-8	53
5	Nonadecane	268	C19H40	000629-92-5	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120513.D
Acq On : 3 Jun 2020 16:57
Operator : JU/CG
Sample : L2839-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM27-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

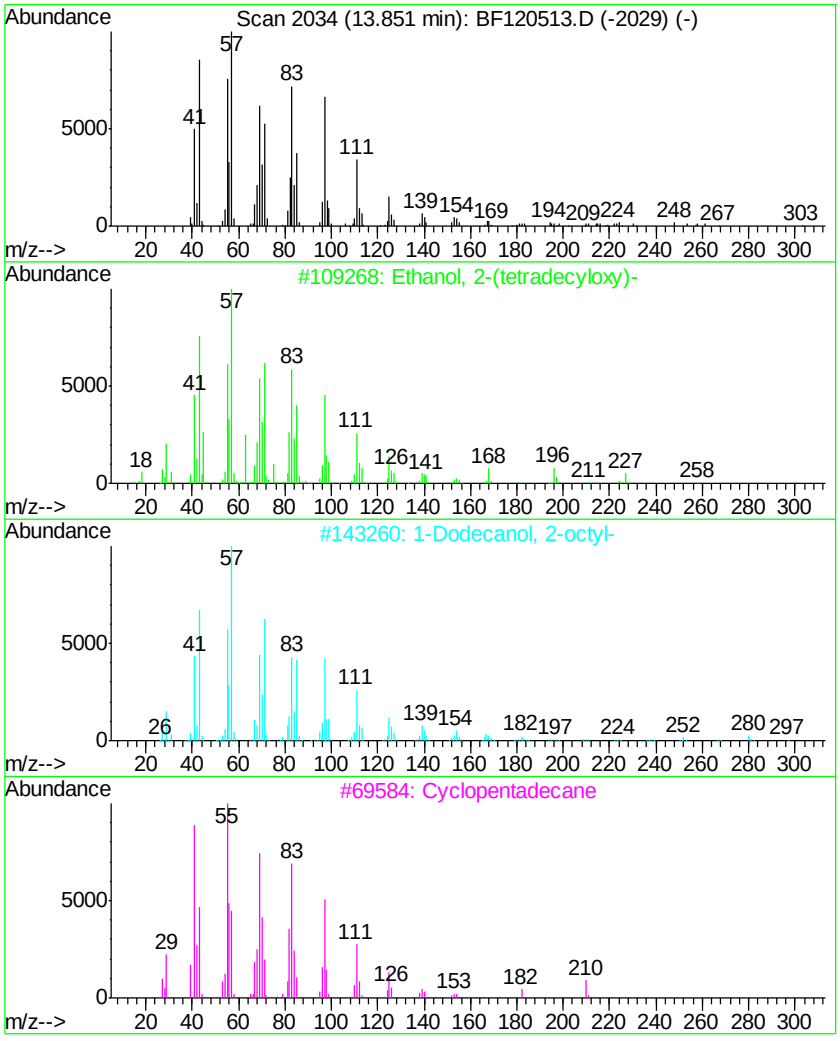
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

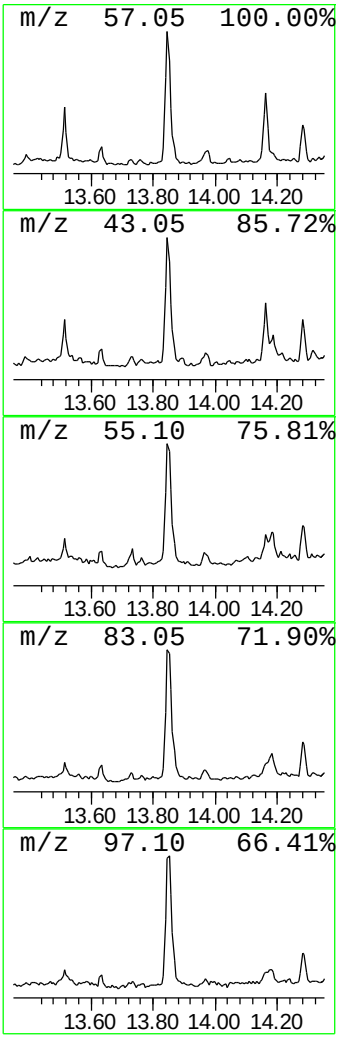
****

Peak Number 7 Ethanol, 2-(tetradecyloxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	6.38 ng	465867	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
2	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	87
3	Cyclopentadecane	210	C15H30	000295-48-7	83
4	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	81
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120513.D
Acq On : 3 Jun 2020 16:57
Operator : JU/CG
Sample : L2839-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM27-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

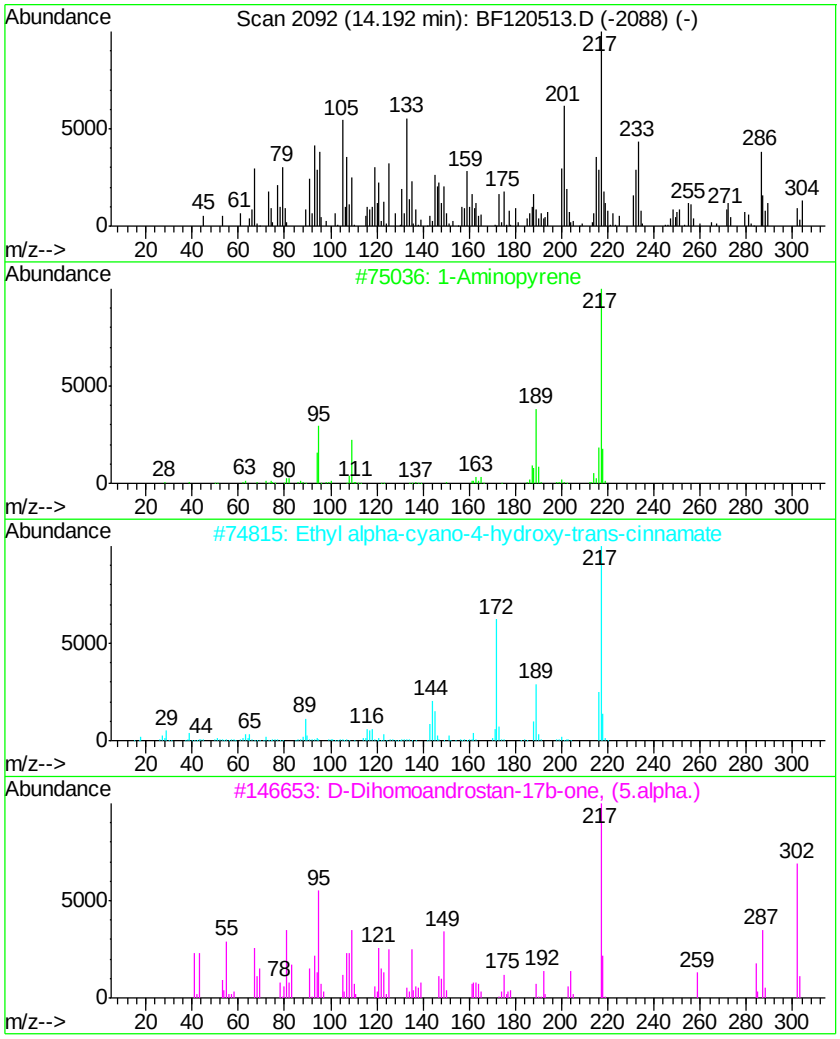
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

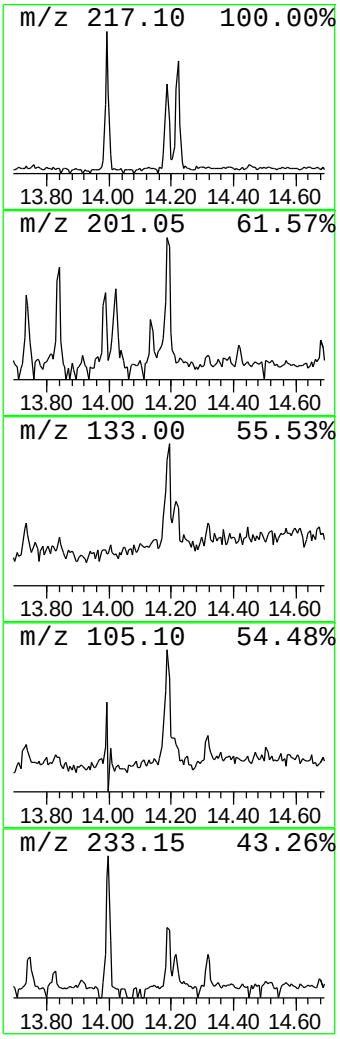
****

Peak Number 8 1-Aminopyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	2.31 ng	168954	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Aminopyrene	217	C16H11N	001606-67-3	90
2	Ethyl alpha-cyano-4-hydroxy-tran...	217	C12H11NO3	042205-38-9	50
3	D-Dihomoandrostan-17b-one, (5.al...	302	C21H34O	032319-07-6	50
4	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	45
5	11H-Indeno(1,2-b)quinoline	217	C16H11N	000243-51-6	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120513.D
Acq On : 3 Jun 2020 16:57
Operator : JU/CG
Sample : L2839-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM27-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

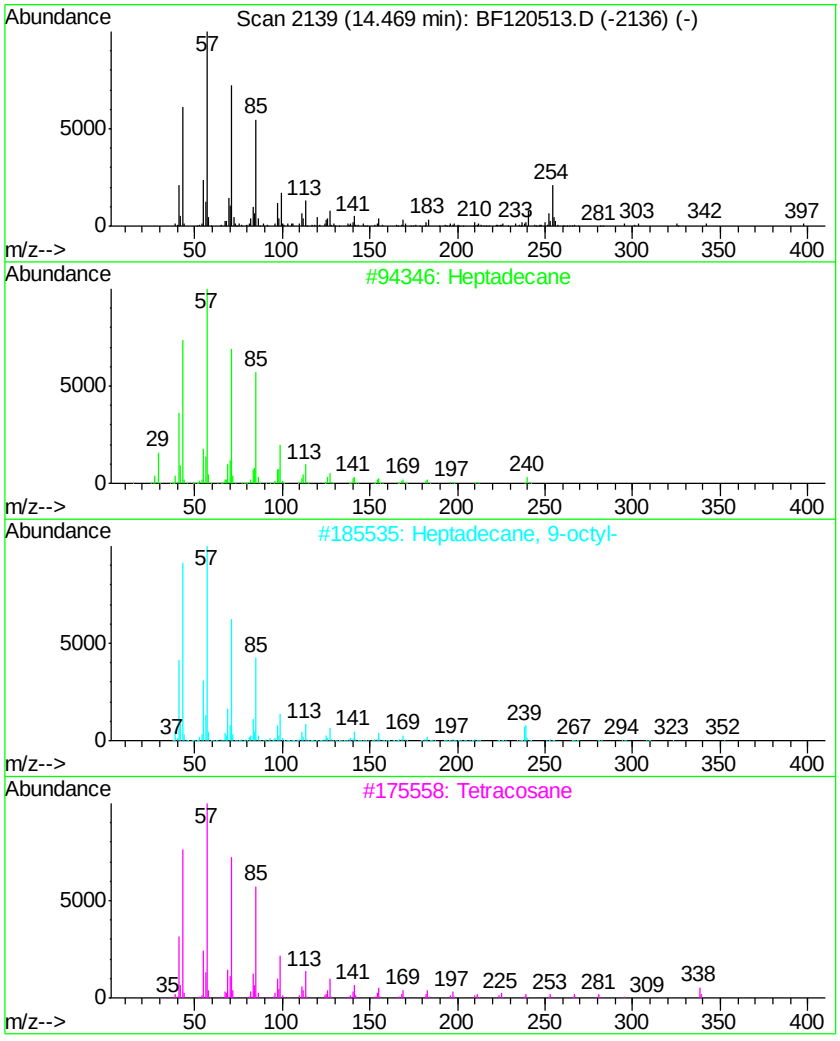
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

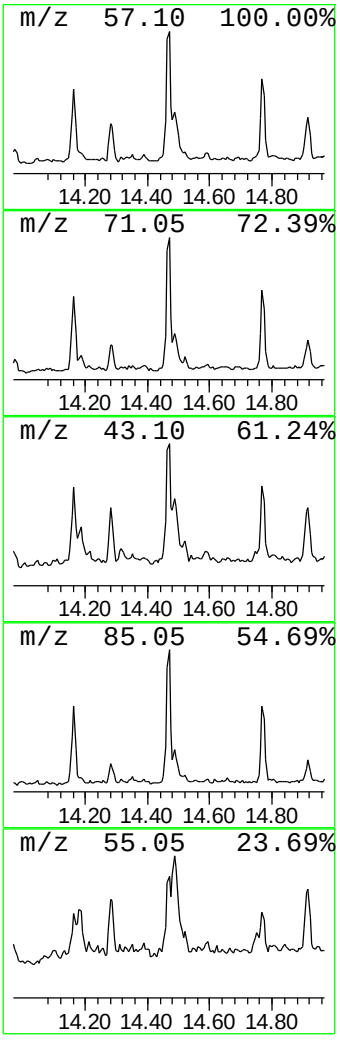
****

Peak Number 9 Heptadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	2.67 ng	195041	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	81
3	Tetracosane	338	C24H50	000646-31-1	81
4	Heneicosane	296	C21H44	000629-94-7	81
5	Hexacosane	366	C26H54	000630-01-3	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120513.D
Acq On : 3 Jun 2020 16:57
Operator : JU/CG
Sample : L2839-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM27-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

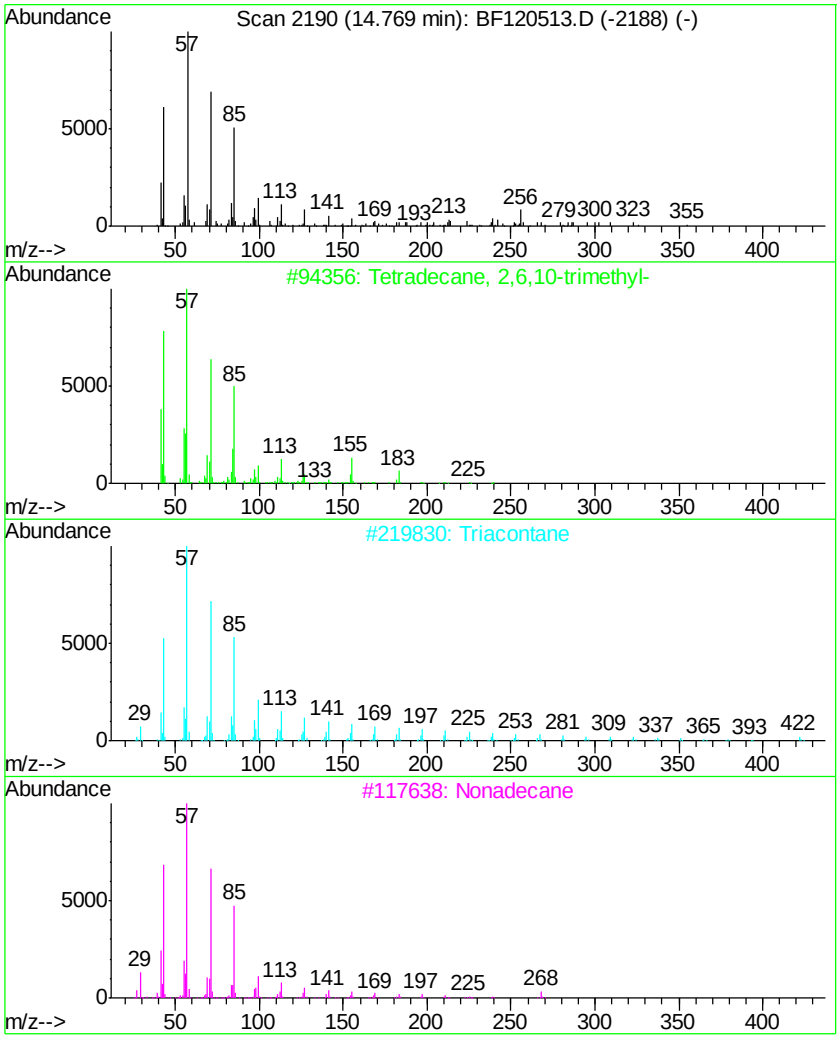
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

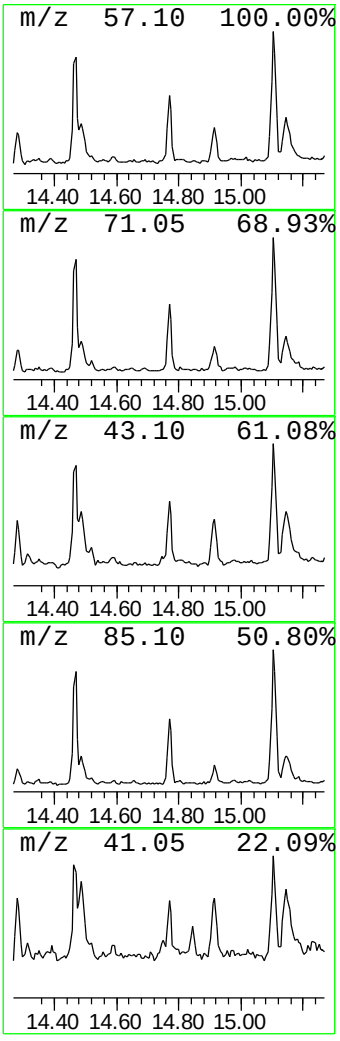
****

Peak Number 10 Tetradecane, 2,6,10-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.15 ng	94127	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
2	Triacontane	422	C30H62	000638-68-6	90
3	Nonadecane	268	C19H40	000629-92-5	87
4	Heneicosane	296	C21H44	000629-94-7	83
5	Octadecane	254	C18H38	000593-45-3	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120513.D
Acq On : 3 Jun 2020 16:57
Operator : JU/CG
Sample : L2839-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM27-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

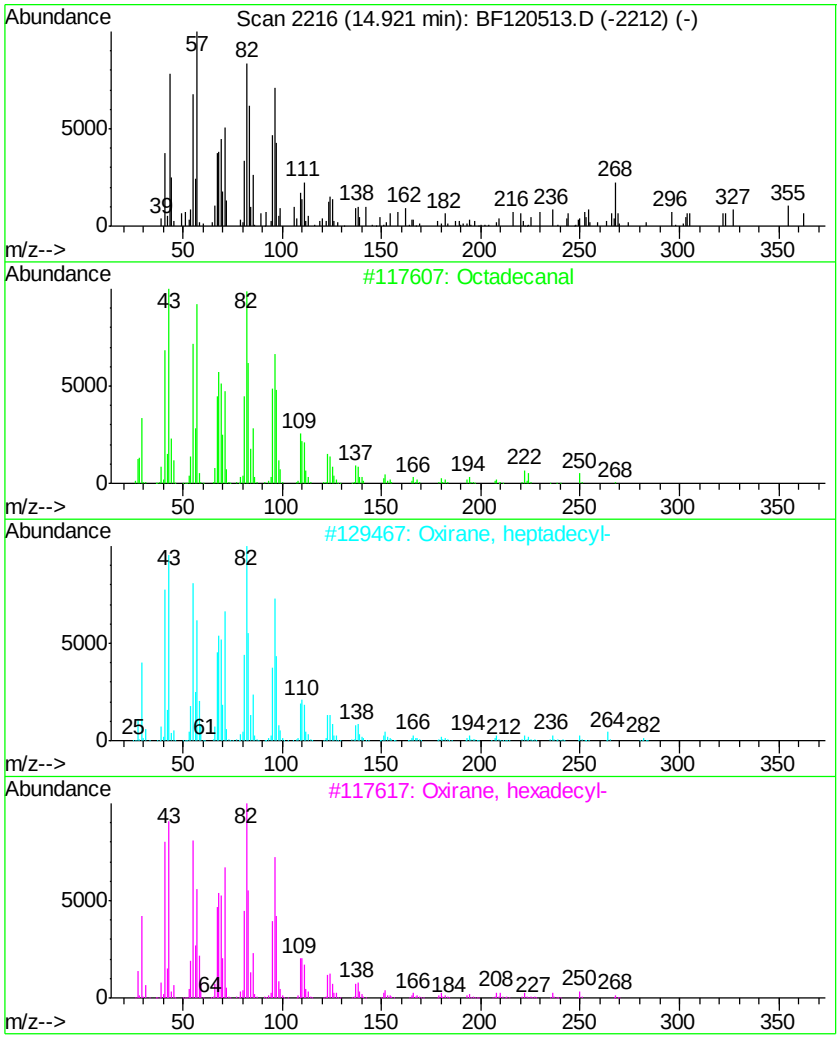
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

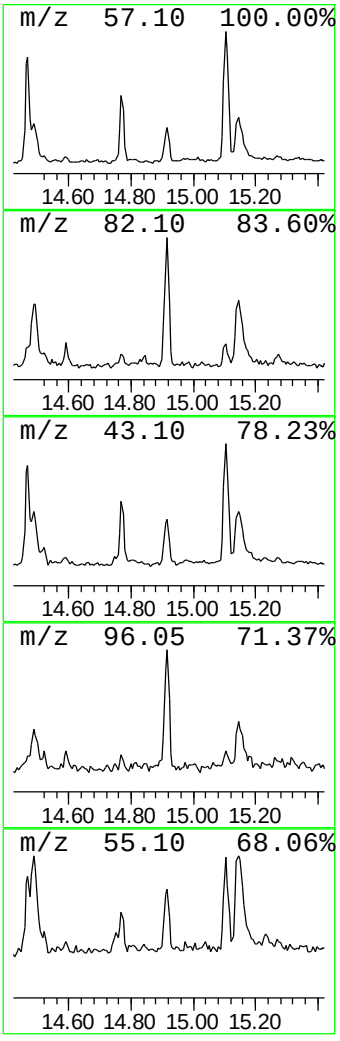
****

Peak Number 11 Octadecanal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	2.90 ng	126791	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	90
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
4	12-Octadecenal	266	C18H34O	056554-91-7	72
5	16-Heptadecenal	252	C17H32O	1000144-57-9	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120513.D
Acq On : 3 Jun 2020 16:57
Operator : JU/CG
Sample : L2839-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM27-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

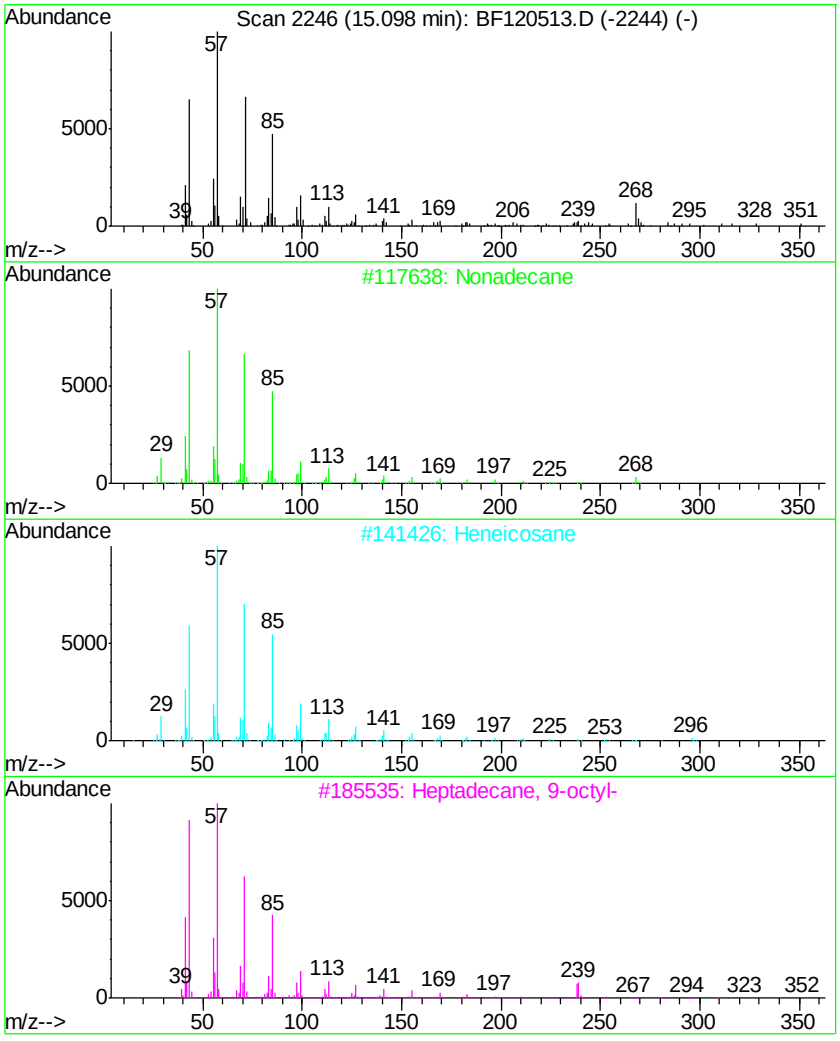
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

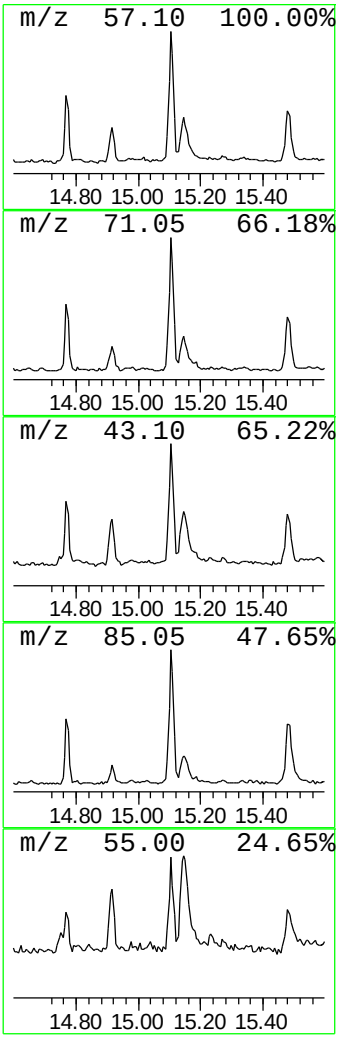
****

Peak Number 12 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	5.12 ng	223547	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heneicosane	296	C21H44	000629-94-7	87
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81
5	Eicosane	282	C20H42	000112-95-8	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120513.D
Acq On : 3 Jun 2020 16:57
Operator : JU/CG
Sample : L2839-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM27-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

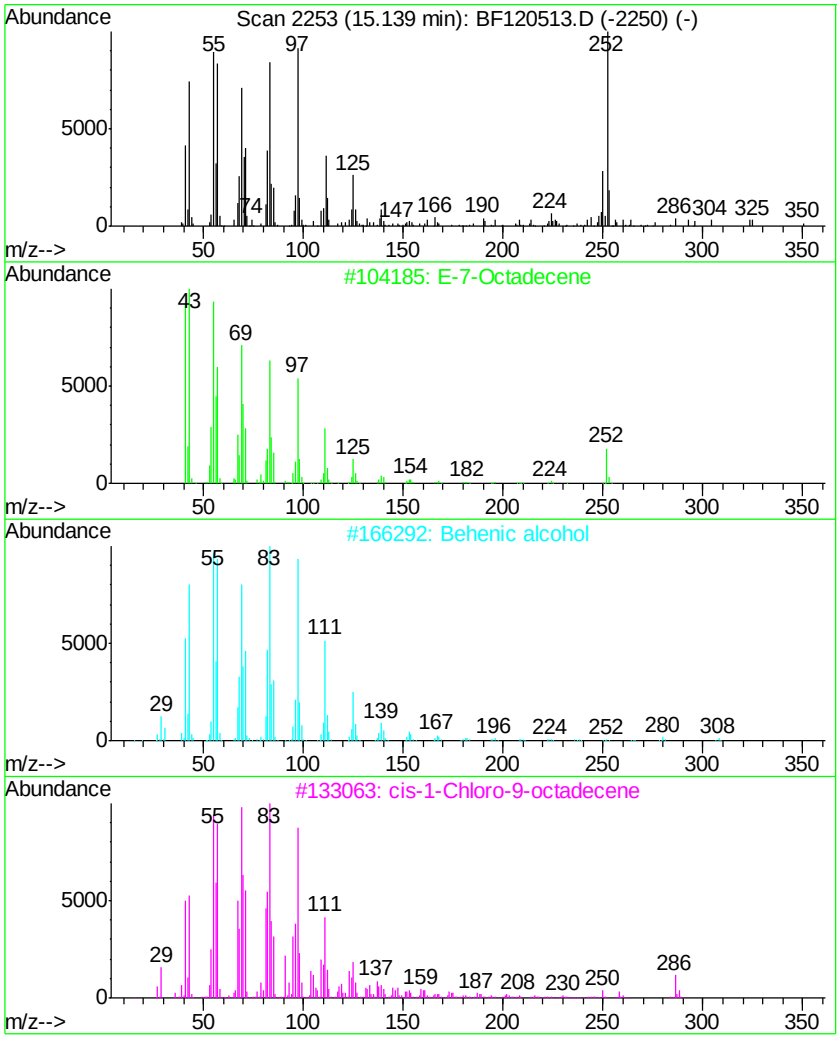
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

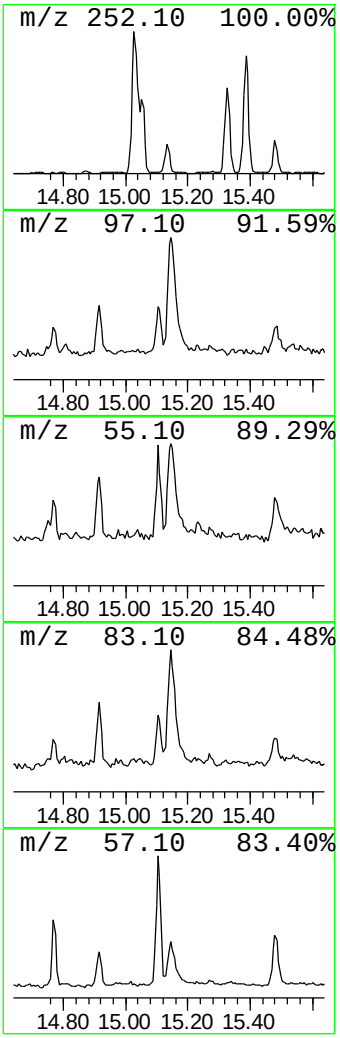
****

Peak Number 13 E-7-Octadecene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	4.99 ng	218015	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-7-Octadecene	252	C18H36	1000130-92-0	93
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	cis-1-Chloro-9-octadecene	286	C18H35Cl	016507-61-2	70
4	Cyclohexadecane	224	C16H32	000295-65-8	70
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120513.D
Acq On : 3 Jun 2020 16:57
Operator : JU/CG
Sample : L2839-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM27-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

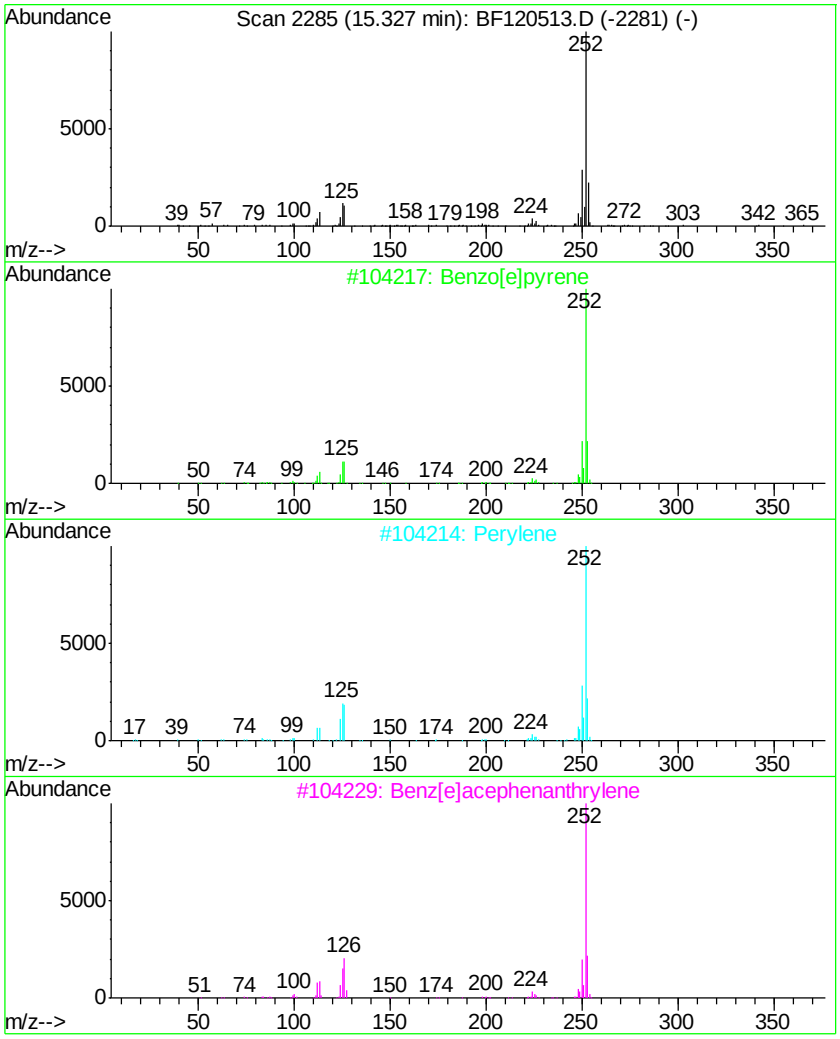
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

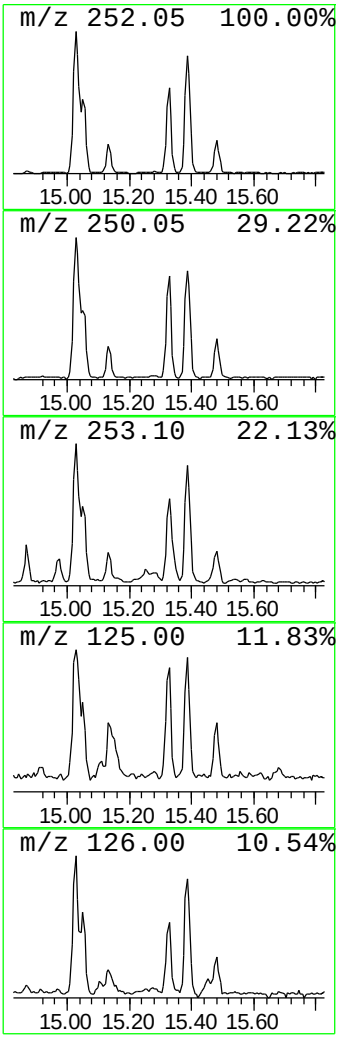
****

Peak Number 14 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	4.34 ng	189515	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120513.D
Acq On : 3 Jun 2020 16:57
Operator : JU/CG
Sample : L2839-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM27-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

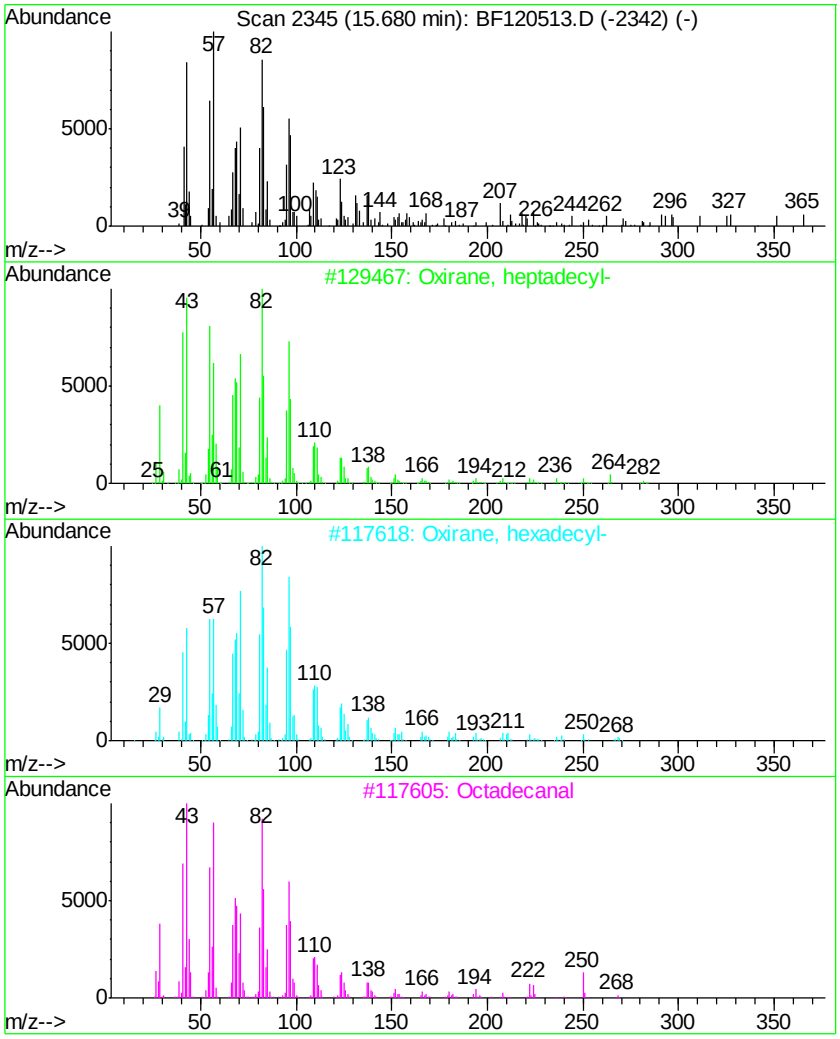
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

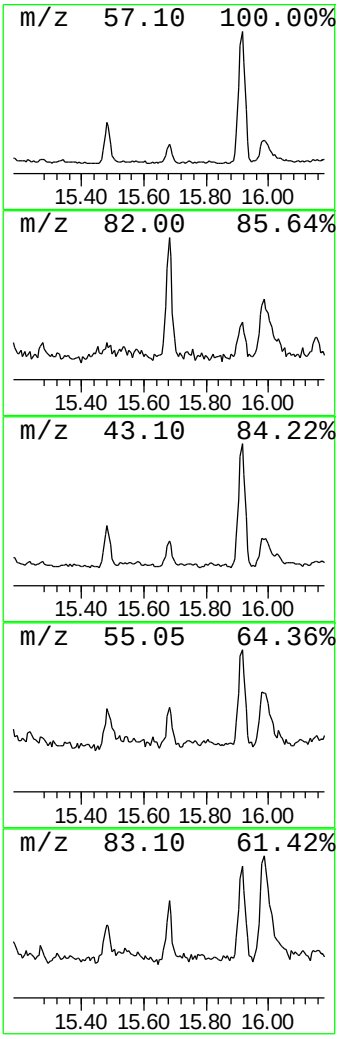
****

Peak Number 15 Oxirane, heptadecyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	2.43 ng	106323	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
3	Octadecanal	268	C18H36O	000638-66-4	87
4	1,19-Eicosadiene	278	C20H38	014811-95-1	74
5	Heptadecanal	254	C17H34O	1000376-70-0	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120513.D
Acq On : 3 Jun 2020 16:57
Operator : JU/CG
Sample : L2839-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM27-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

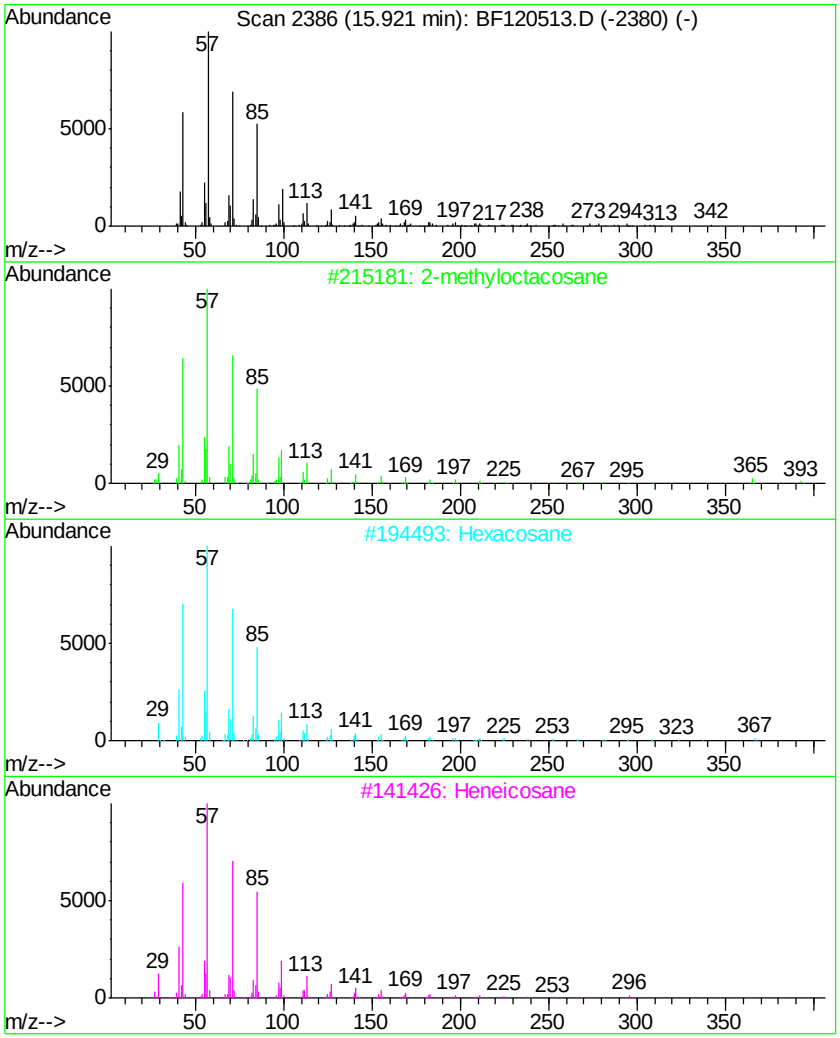
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

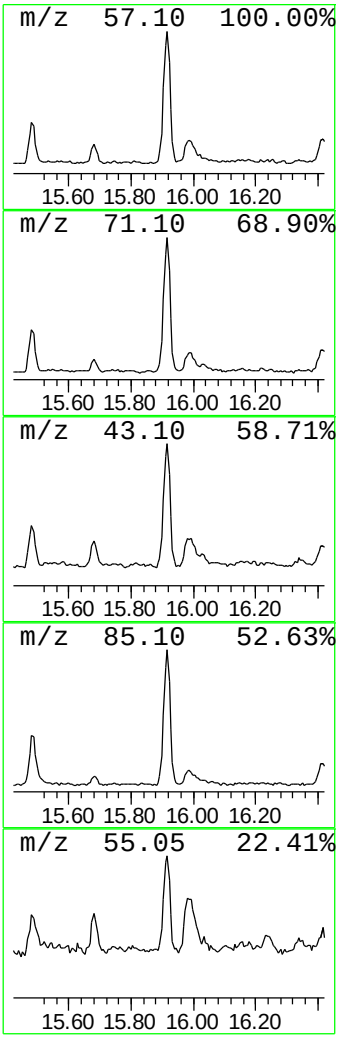
****

Peak Number 16 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	8.36 ng	365392	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120513.D
Acq On : 3 Jun 2020 16:57
Operator : JU/CG
Sample : L2839-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM27-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

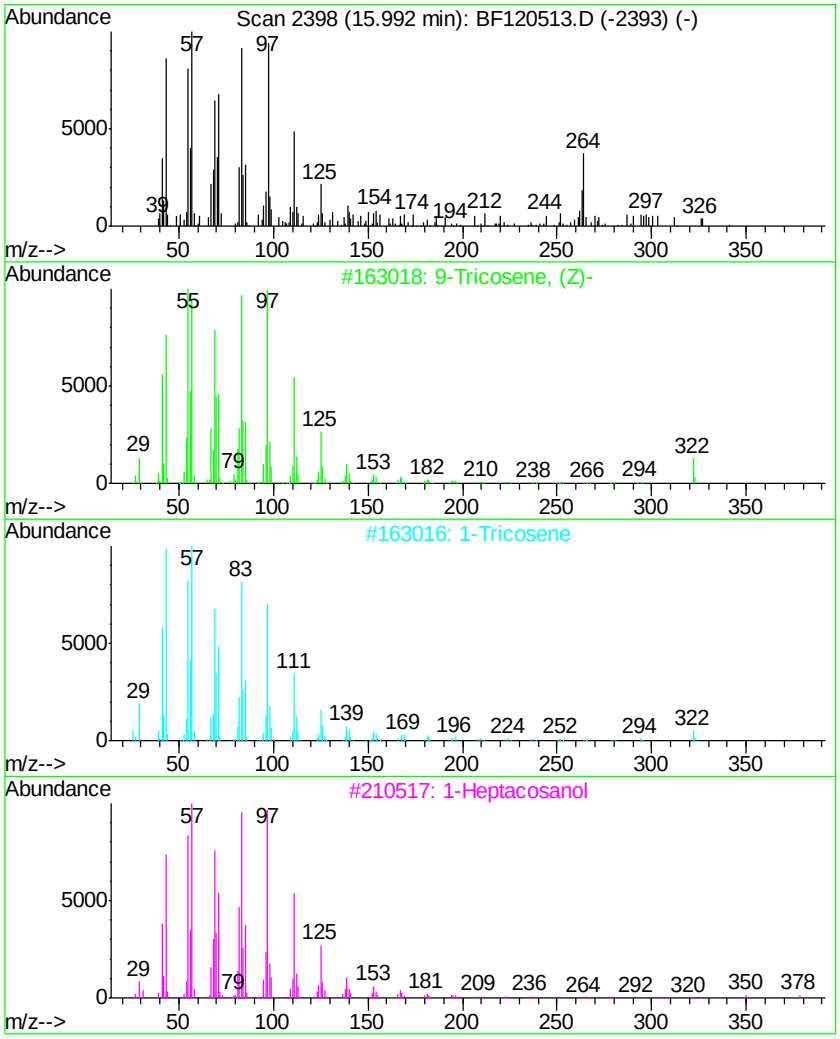
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

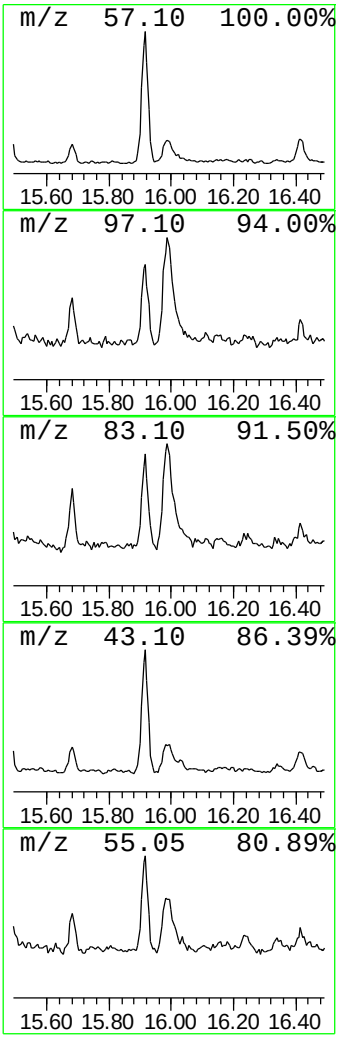
****

Peak Number 17 9-Tricosene, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	5.82 ng	254429	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
2	1-Tricosene	322	C23H46	018835-32-0	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	93
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120513.D
Acq On : 3 Jun 2020 16:57
Operator : JU/CG
Sample : L2839-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM27-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

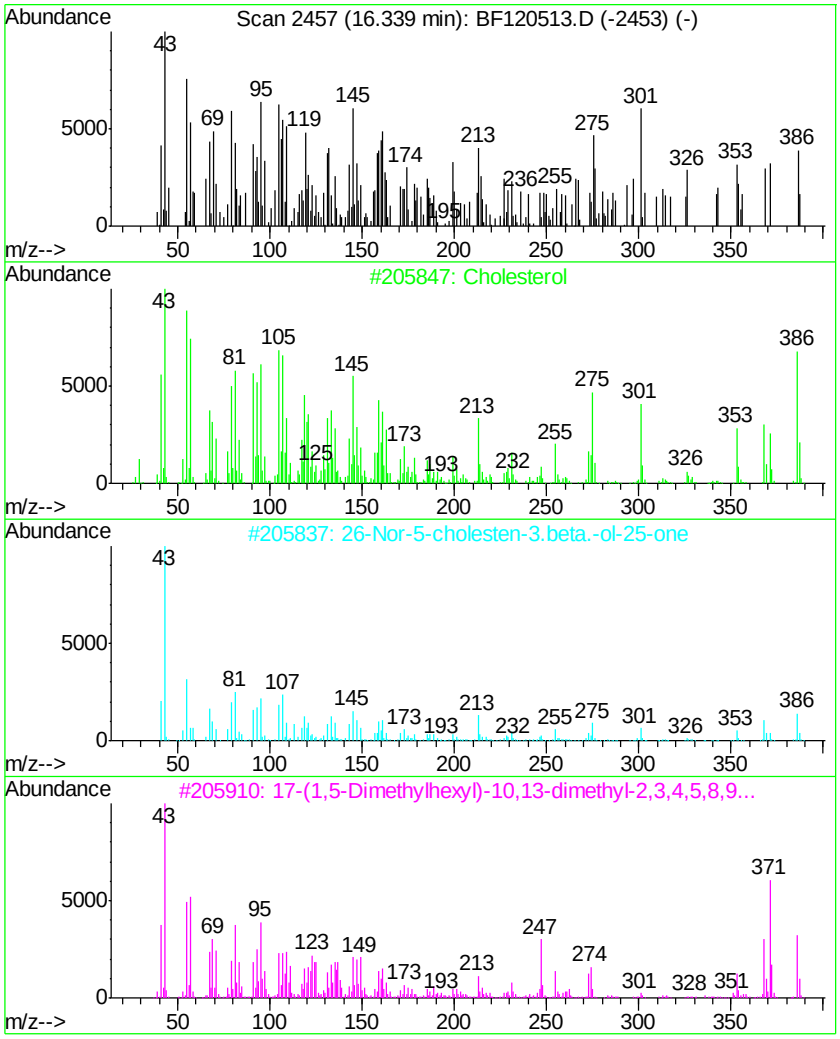
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

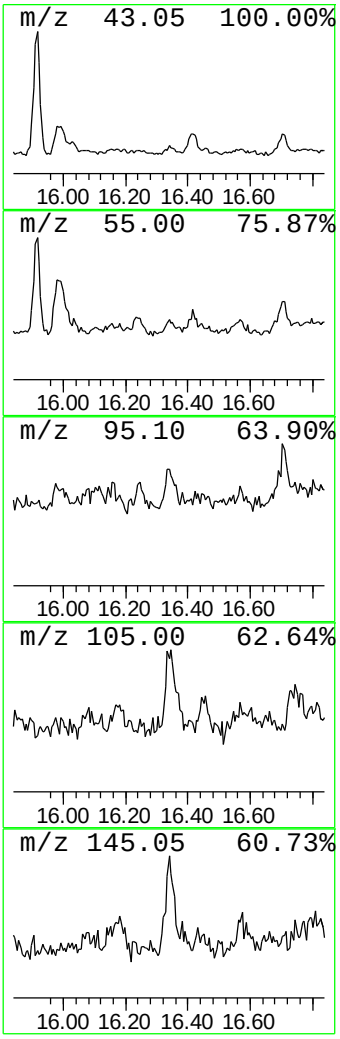
****

Peak Number 18 Cholesterol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	3.47 ng	151521	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholesterol	386	C27H46O	000057-88-5	89
2	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	83
3	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-50-0	14
4	5.beta.-Androstan-3.alpha.-ol-17...	386	C21H29F3O3	002193-54-6	9
5	Cholestane, 5,6-epoxy-, (5.alpha...	386	C27H46O	020230-22-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120513.D
Acq On : 3 Jun 2020 16:57
Operator : JU/CG
Sample : L2839-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM27-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

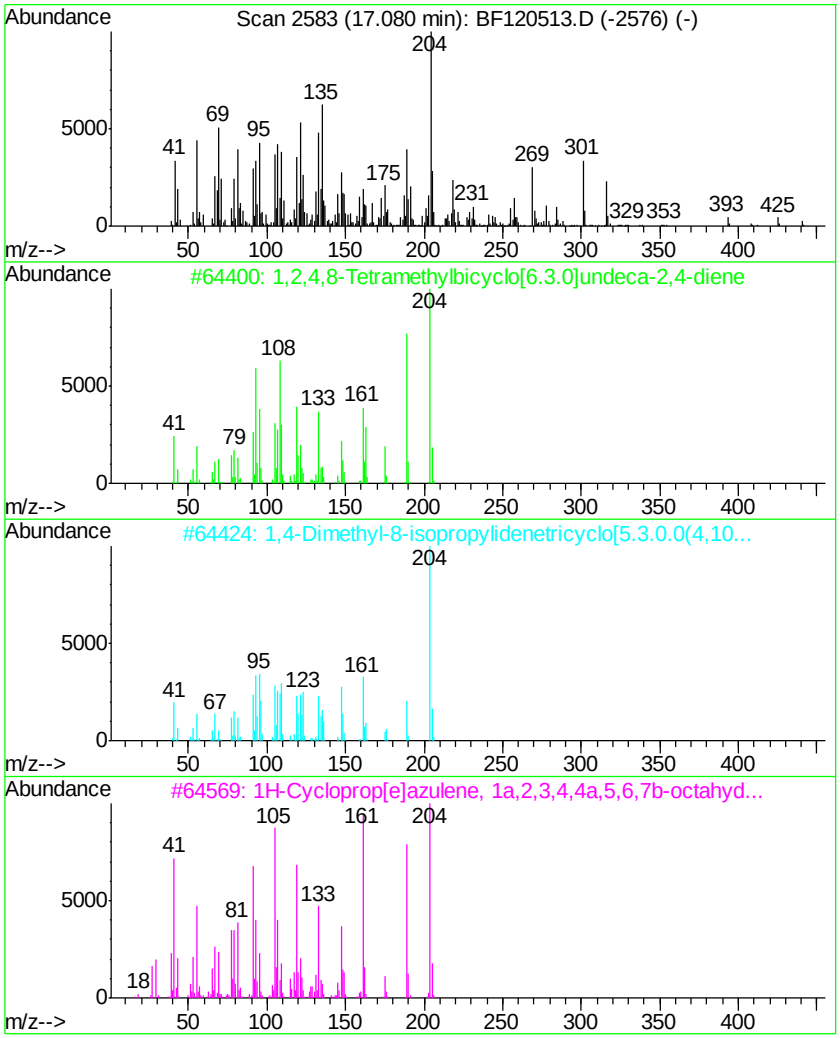
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

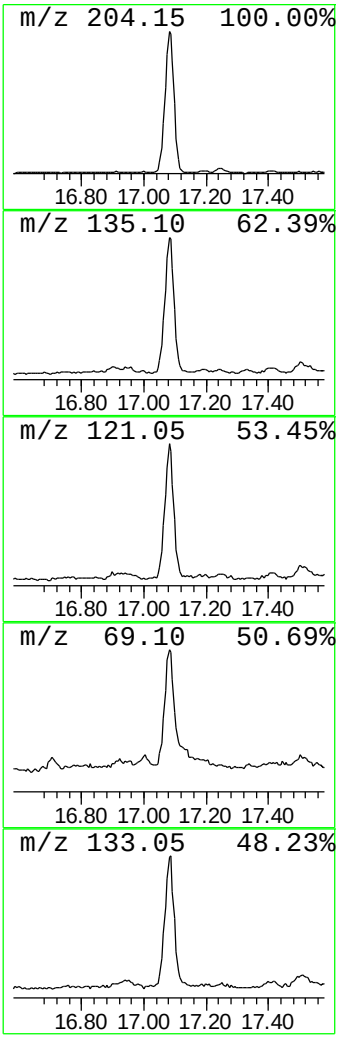
****

Peak Number 19 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.08	50.41 ng	2202690	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	78
2	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	53
3	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	50
4	Farnesyl bromide	284	C15H25Br	006874-67-5	49
5	1-Naphthalenecarboxylic acid, de...	316	C21H32O2	001235-39-8	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120513.D
Acq On : 3 Jun 2020 16:57
Operator : JU/CG
Sample : L2839-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM27-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

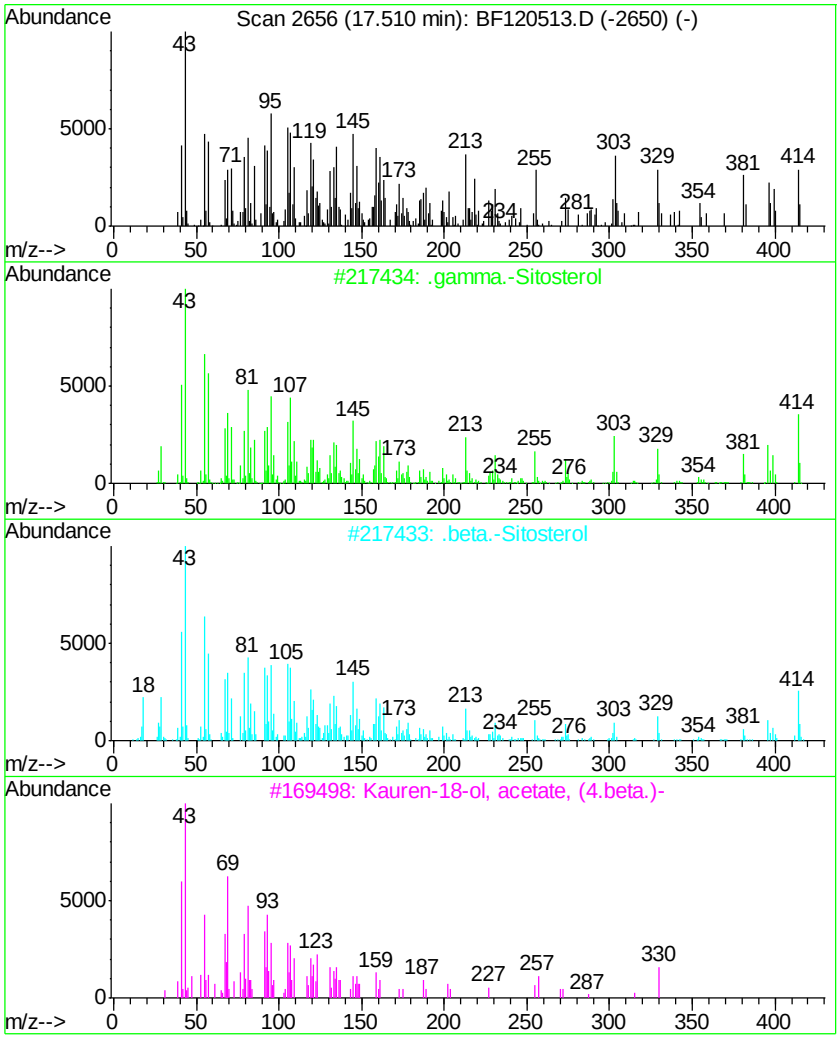
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

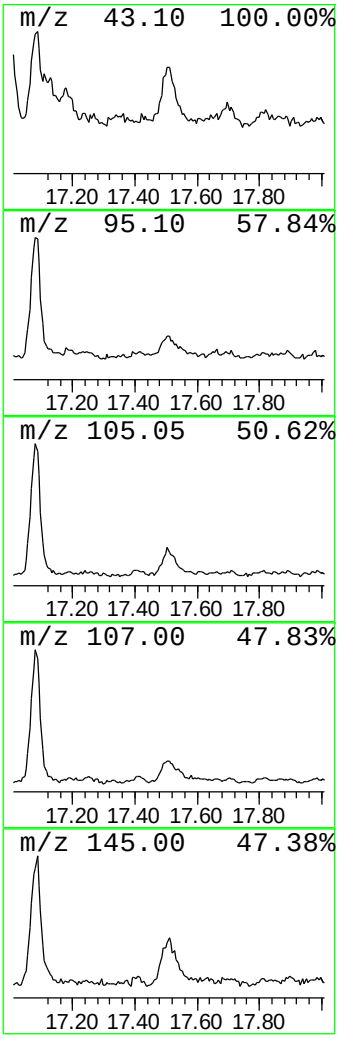
****

Peak Number 20 .gamma.-Sitosterol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	10.90 ng	476489	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	92
3	Kauren-18-ol, acetate, (4.beta.)-	330	C22H34O2	072150-74-4	20
4	Cholest-7-en-3-ol, 4,4-dimethyl-...	414	C29H50O	006384-28-7	18
5	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	16





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060320\
Data File : BF120513.D
Acq On : 3 Jun 2020 16:57
Operator : JU/CG
Sample : L2839-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM27-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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
Methylene chloride	1.95	16.9	ng	1010800	1	6.83	1193220	20.0
Butane, 2-methoxy...	2.08	20.5	ng	1222420	1	6.83	1193220	20.0
Anthracene, 1-met...	11.85	3.5	ng	290024	4	11.36	1658360	20.0
n-Hexadecanoic acid	11.89	5.8	ng	479456	4	11.36	1658360	20.0
Hexacosane	13.52	2.7	ng	198964	5	14.00	1459910	20.0
Ethanol, 2-(tetra...	13.85	6.4	ng	465867	5	14.00	1459910	20.0
1-Aminopyrene	14.19	2.3	ng	168954	5	14.00	1459910	20.0
Heptadecane	14.47	2.7	ng	195041	5	14.00	1459910	20.0
Tetradecane, 2,6,...	14.77	2.1	ng	94127	6	15.45	873914	20.0
Octadecanal	14.92	2.9	ng	126791	6	15.45	873914	20.0
Nonadecane	15.10	5.1	ng	223547	6	15.45	873914	20.0
E-7-Octadecene	15.14	5.0	ng	218015	6	15.45	873914	20.0
Benzo[e]pyrene	15.33	4.3	ng	189515	6	15.45	873914	20.0
Oxirane, heptadecyl-	15.68	2.4	ng	106323	6	15.45	873914	20.0
2-methyloctacosane	15.92	8.4	ng	365392	6	15.45	873914	20.0
9-Tricosene, (Z)-	15.99	5.8	ng	254429	6	15.45	873914	20.0
Cholesterol	16.34	3.5	ng	151521	6	15.45	873914	20.0
1,2,4,8-Tetrameth...	17.08	50.4	ng	2202690	6	15.45	873914	20.0
.gamma.-Sitosterol	17.51	10.9	ng	476489	6	15.45	873914	20.0