LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118772.D
Acq On : 31 Jan 2020 00:47
Operator : CG/JU
Sample : L1319-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-01-A

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-BF012020.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	2.116	3	5	12	rVB	421628	458943	7.01%	0.696%
2	2.222	18	23	28	rBV	72288	95108	1.45%	0.144%
3	5.063	498	506	514	rVB	64863	90751	1.39%	0.138%
4	5.463	569	574	578	rBV	4785566	5003655	76.40%	7.585%
5	6.475	741	746	749	rBV	4929315	5042038	76.99%	7.643%
6	6.845	805	809	812	rBV	1526334	1354974	20.69%	2.054%
7	6.998	831	835	839	rBV	4770607	4606874	70.34%	6.984%
8	7.404	898	904	907	rBV	3597806	3464111	52.89%	5.251%
9	8.128	1023	1027	1029	rBV	1914981	1745607	26.65%	2.646%
10	8.145	1029	1030	1035	rVB	130196	89914	1.37%	0.136%
11	8.839	1144	1148	1151	rVB	83121	68367	1.04%	0.104%
12	9.204	1205	1210	1213	rBV	7097803	6549274	100.00%	9.928%
13	9.592	1273	1276	1284	rVB	188329	163640	2.50%	0.248%
14	9.739	1296	1301	1304	rBV	91577	77480	1.18%	0.117%
15	9.881	1319	1325	1328	rBV	2391336	1934497	29.54%	2.933%
16	9.910	1328	1330	1334	rVB	153110	128048	1.96%	0.194%
17	10.081	1356	1359	1364	rBV	116003	105856	1.62%	0.160%
18	10.428	1415	1418	1423	rVB2	105106	96254	1.47%	0.146%
19	10.669	1454	1459	1462	rBV	4427536	3958818	60.45%	6.001%
20	11.169	1541	1544	1548	rVB	104271	97564	1.49%	0.148%
21	11.228	1548	1554	1555	rBV2	41721	71442	1.09%	0.108%
22	11.263	1557	1560	1565	rVB	87116	92834	1.42%	0.141%
23	11.316	1565	1569	1572	rBV4	74947	98571	1.51%	0.149%
24	11.363	1572	1577	1580	rVV	1991940	2066349	31.55%	3.132%
25	11.386	1580	1581	1585	rVV	1310176	973904	14.87%	1.476%
26	11.439	1585	1590	1593	rVB	252507	254076	3.88%	0.385%
27	11.592	1611	1616	1619	rBV2	201815	213414	3.26%	0.324%
28	11.822	1652	1655	1658	rBV2	101813	127182	1.94%	0.193%
29	11.863	1658	1662	1665	rVV2	386166	511086	7.80%	0.775%
30	11.898	1665	1668	1671	rVV	1345652	1255718	19.17%	1.904%
31	11.927	1671	1673	1679	rVV2	146639	264868	4.04%	0.402%
32	11.980	1679	1682	1684	rVV	234727	266447	4.07%	0.404%
33	11.998	1684	1685	1689	rVB	112645	98908	1.51%	0.150%
34	12.163	1708	1713	1715	rBV2	127359	182267	2.78%	0.276%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118772.D
Acq On : 31 Jan 2020 00:47
Operator : CG/JU
Sample : L1319-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-01-A

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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.180	1715	1716	1720	rVB	92635	76728	1.17%	0.116%
36	12.416	1753	1756	1759	rBV	112108	116793	1.78%	0.177%
37	12.498	1768	1770	1776	rVB2	101323	122366	1.87%	0.185%
38	12.580	1780	1784	1787	rBV	1756446	1534533	23.43%	2.326%
39	12.616	1787	1790	1793	rVV3	140393	195035	2.98%	0.296%
40	12.680	1797	1801	1808	rBV4	267897	343510	5.25%	0.521%
41	12.810	1817	1823	1826	rBV	1443702	1517288	23.17%	2.300%
42	12.892	1834	1837	1840	rBV	799986	645073	9.85%	0.978%
43	12.951	1843	1847	1851	rVV	6294823	6281147	95.91%	9.522%
44	13.027	1855	1860	1863	rBV2	112548	182015	2.78%	0.276%
45	13.133	1872	1878	1881	rVB2	165151	249551	3.81%	0.378%
46	13.239	1892	1896	1903	rVB4	184938	302577	4.62%	0.459%
47	13.333	1909	1912	1914	rBV	95236	78199	1.19%	0.119%
48	13.363	1914	1917	1921	rVV2	94105	90277	1.38%	0.137%
49	13.427	1925	1928	1935	rVB3	148663	181324	2.77%	0.275%
50	13.639	1961	1964	1969	rBV	159550	170314	2.60%	0.258%
51	13.751	1980	1983	1986	rBV2	110978	160077	2.44%	0.243%
52	13.780	1986	1988	1990	rVV	125740	114721	1.75%	0.174%
53	13.810	1990	1993	1996	rVV4	113980	160360	2.45%	0.243%
54	13.845	1996	1999	2006	rVB	1083680	1107179	16.91%	1.678%
55	14.004	2020	2026	2029	rBV3	2162334	3030162	46.27%	4.594%
56	14.033	2029	2031	2036	rVB	655941	579703	8.85%	0.879%
57	14.110	2042	2044	2047	rBV	96806	74017	1.13%	0.112%
58	14.174	2052	2055	2060	rVB5	141985	195497	2.99%	0.296%
59	14.392	2090	2092	2095	rVB	138359	107470	1.64%	0.163%
60	14.480	2104	2107	2111	rBV2	282250	297115	4.54%	0.450%
61	14.786	2156	2159	2162	rBV2	162072	181589	2.77%	0.275%
62	14.863	2168	2172	2180	rBV	936586	1023223	15.62%	1.551%
63	15.045	2199	2203	2206	rBV	579282	922053	14.08%	1.398%
64	15.121	2213	2216	2218	rBV	311577	344838	5.27%	0.523%
65	15.145	2218	2220	2226	rVB2	272103	317626	4.85%	0.481%
66	15.345	2251	2254	2260	rVB	350040	451218	6.89%	0.684%
67	15.404	2260	2264	2269	rBV	482481	569927	8.70%	0.864%
68	15.468	2270	2275	2278	rBV	1353625	1678019	25.62%	2.544%
69	15.498	2278	2280	2287	rVB2	295909	378830	5.78%	0.574%
70	15.939	2352	2355	2358	rVB2	227119	272076	4.15%	0.412%
71	15.980	2360	2362	2373	rVB4	173573	304757	4.65%	0.462%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118772.D
Acq On : 31 Jan 2020 00:47
Operator : CG/JU
Sample : L1319-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAINEY-PARK-BH-01-A

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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 65966026

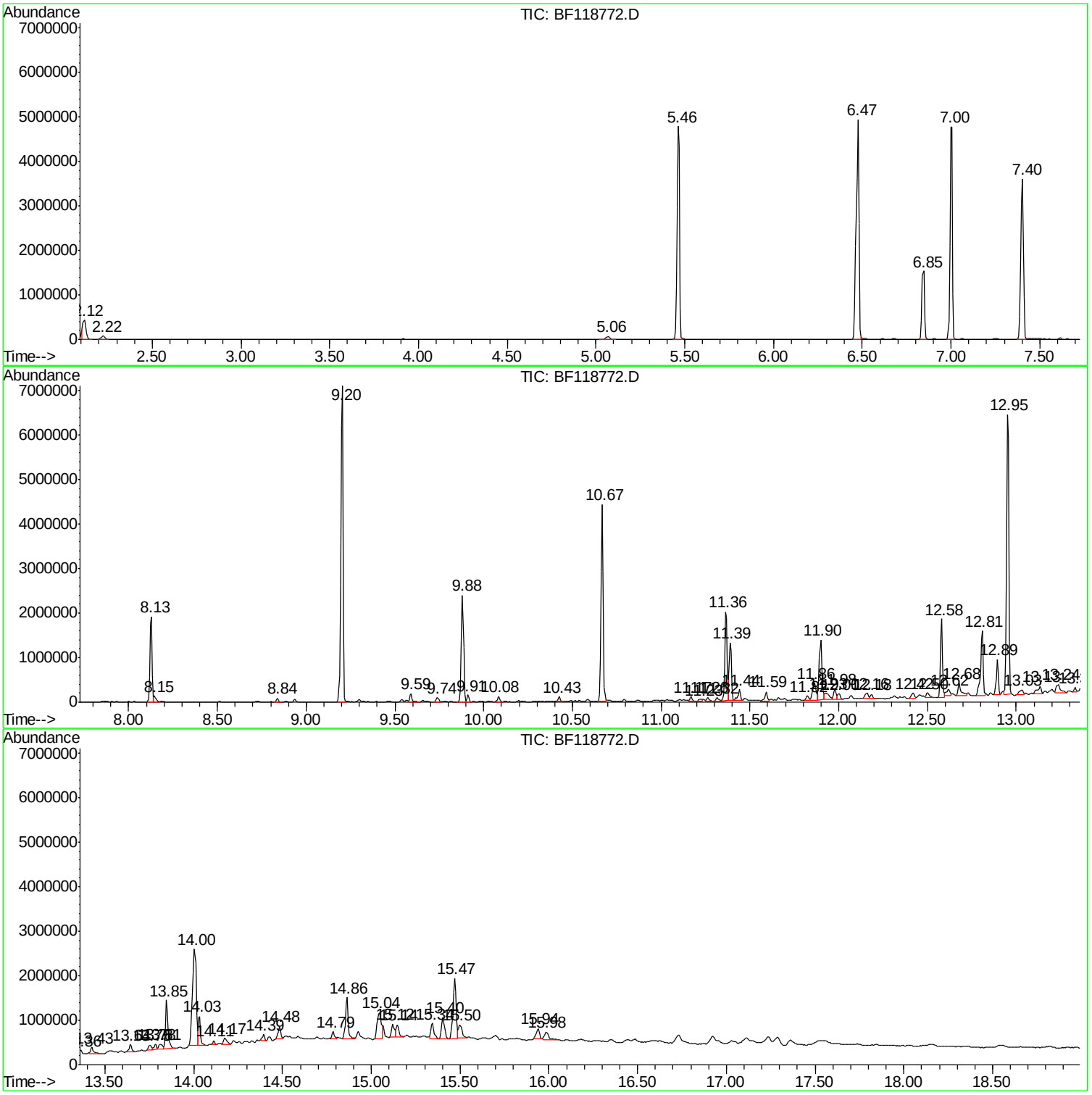
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118772.D
Acq On : 31 Jan 2020 00:47
Operator : CG/JU
Sample : L1319-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAINEY-PARK-BH-01-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118772.D
Acq On : 31 Jan 2020 00:47
Operator : CG/JU
Sample : L1319-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-01-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

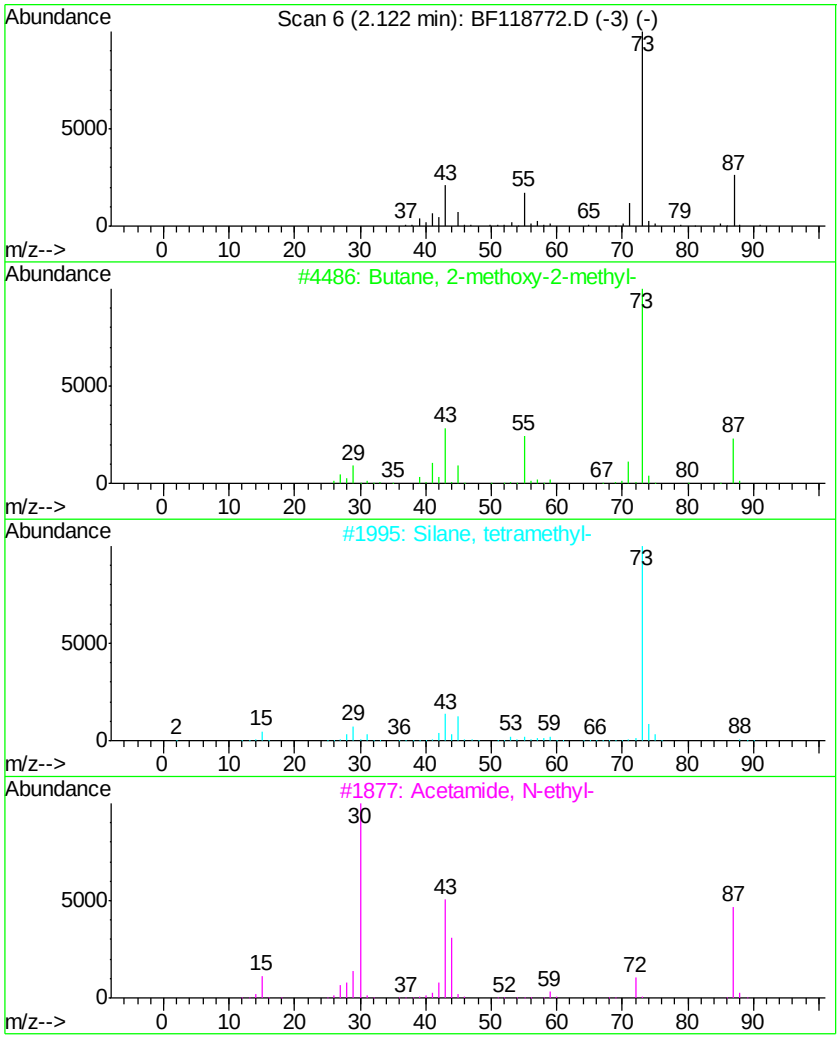
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

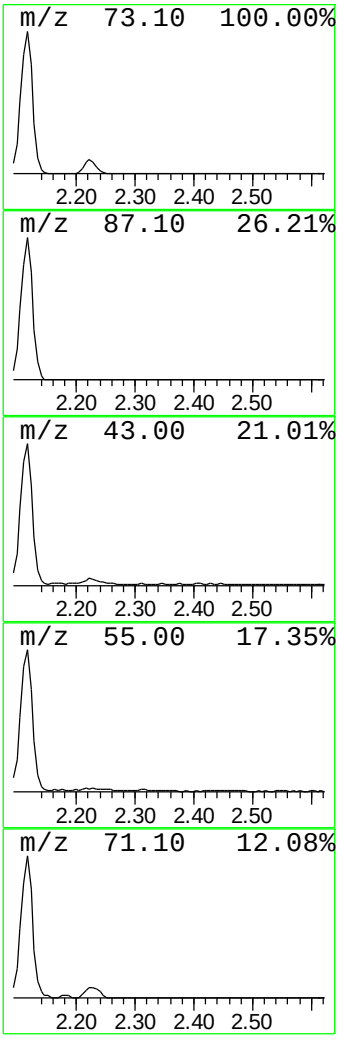
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	6.77 ng	458943	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118772.D
Acq On : 31 Jan 2020 00:47
Operator : CG/JU
Sample : L1319-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-01-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

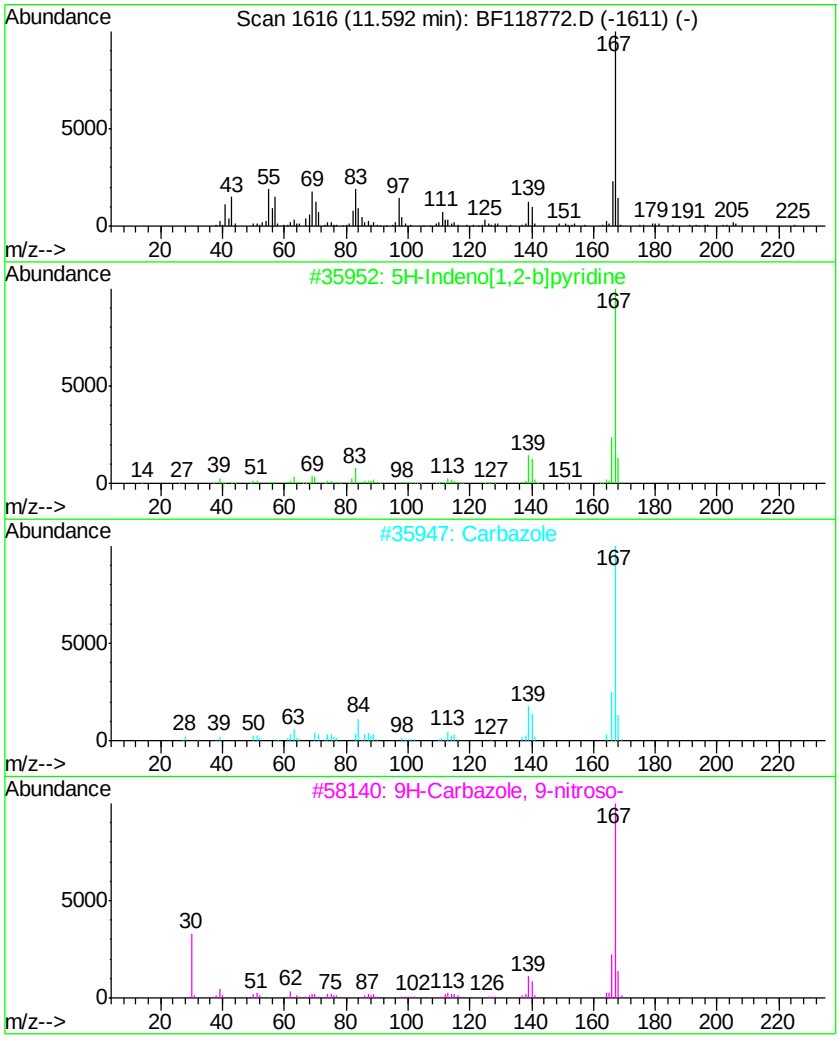
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

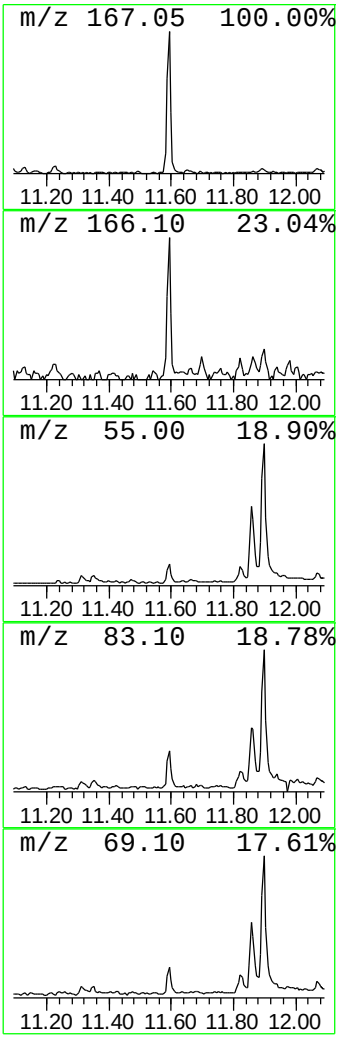
****

Peak Number 3 5H-Indeno[1,2-b]pyridine Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	2.07 ng	213414	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
2	Carbazole	167	C12H9N	000086-74-8	90
3	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	80
4	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	72
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118772.D
Acq On : 31 Jan 2020 00:47
Operator : CG/JU
Sample : L1319-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-01-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

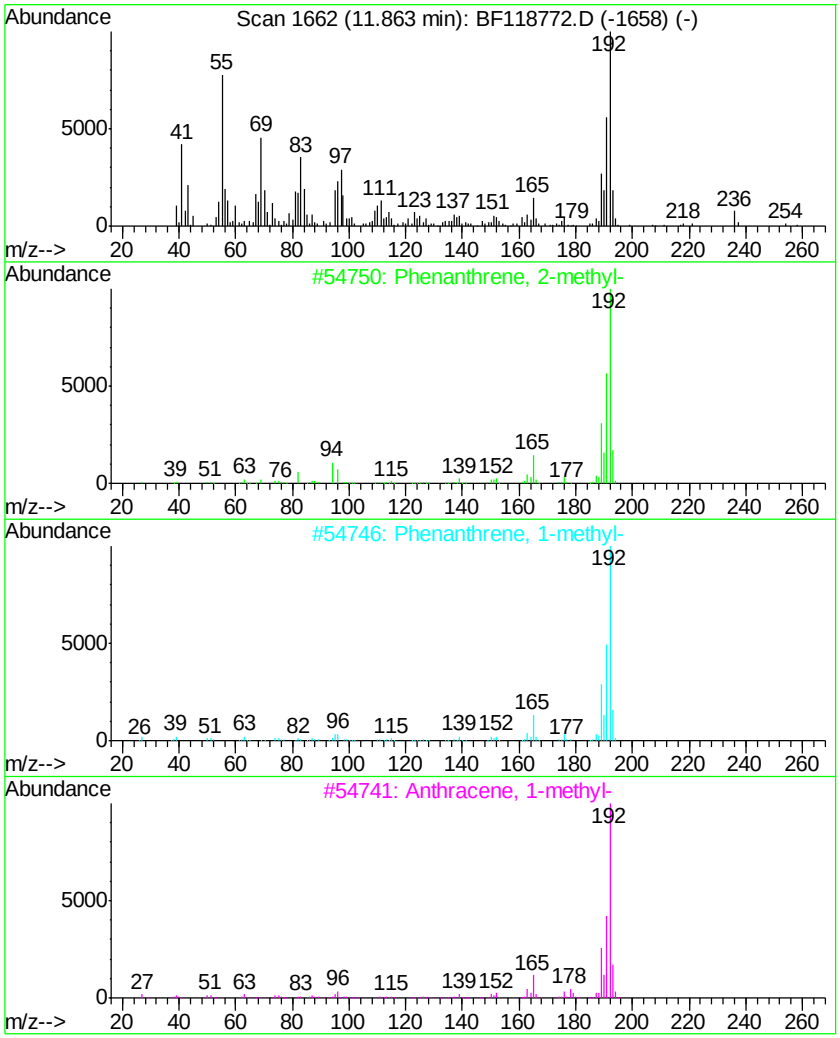
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

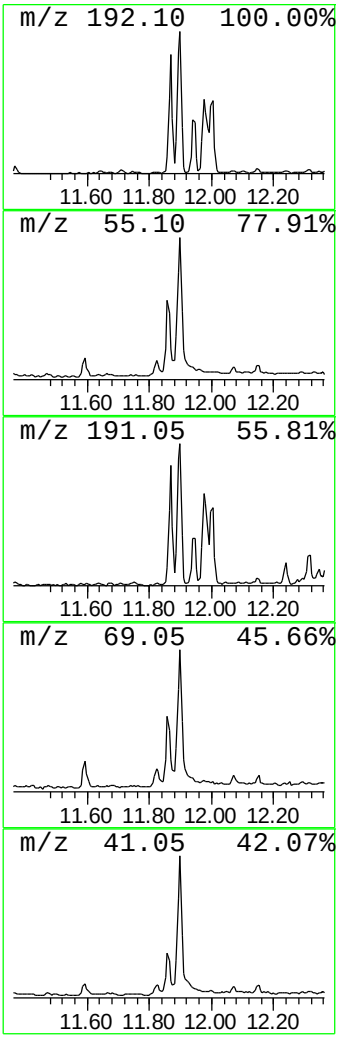
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	4.95 ng	511086	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118772.D
Acq On : 31 Jan 2020 00:47
Operator : CG/JU
Sample : L1319-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-01-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

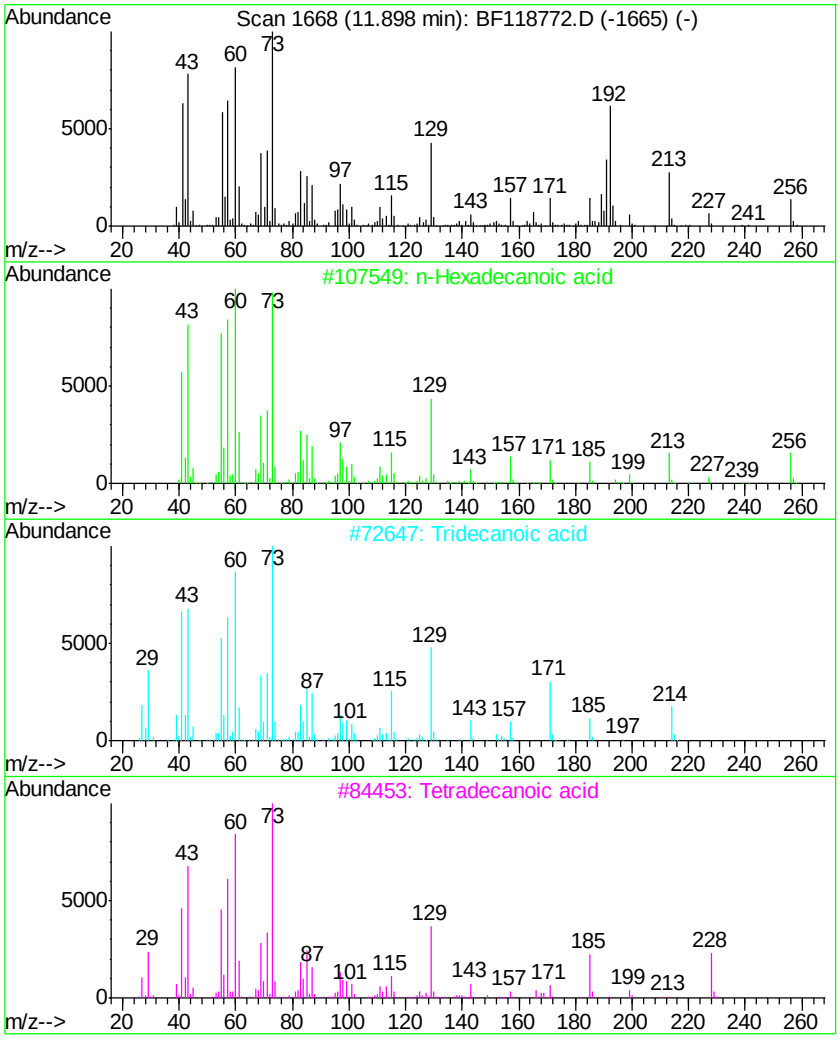
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

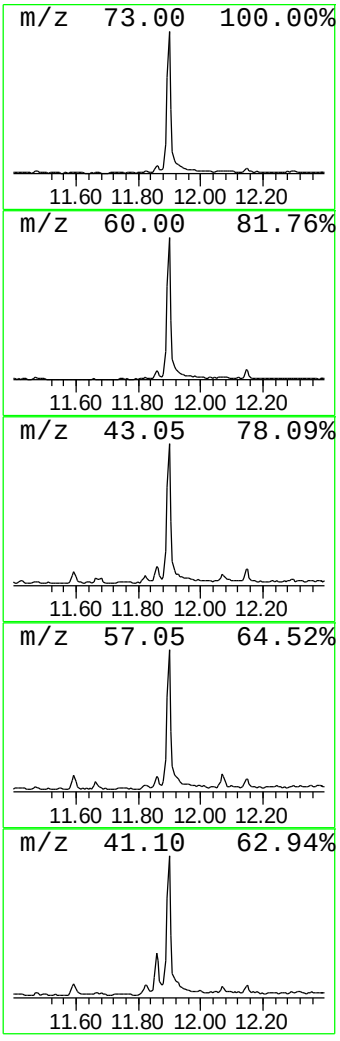
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	12.15 ng	1255720	Phenanthrene-d10	11.36

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	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118772.D
Acq On : 31 Jan 2020 00:47
Operator : CG/JU
Sample : L1319-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-01-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

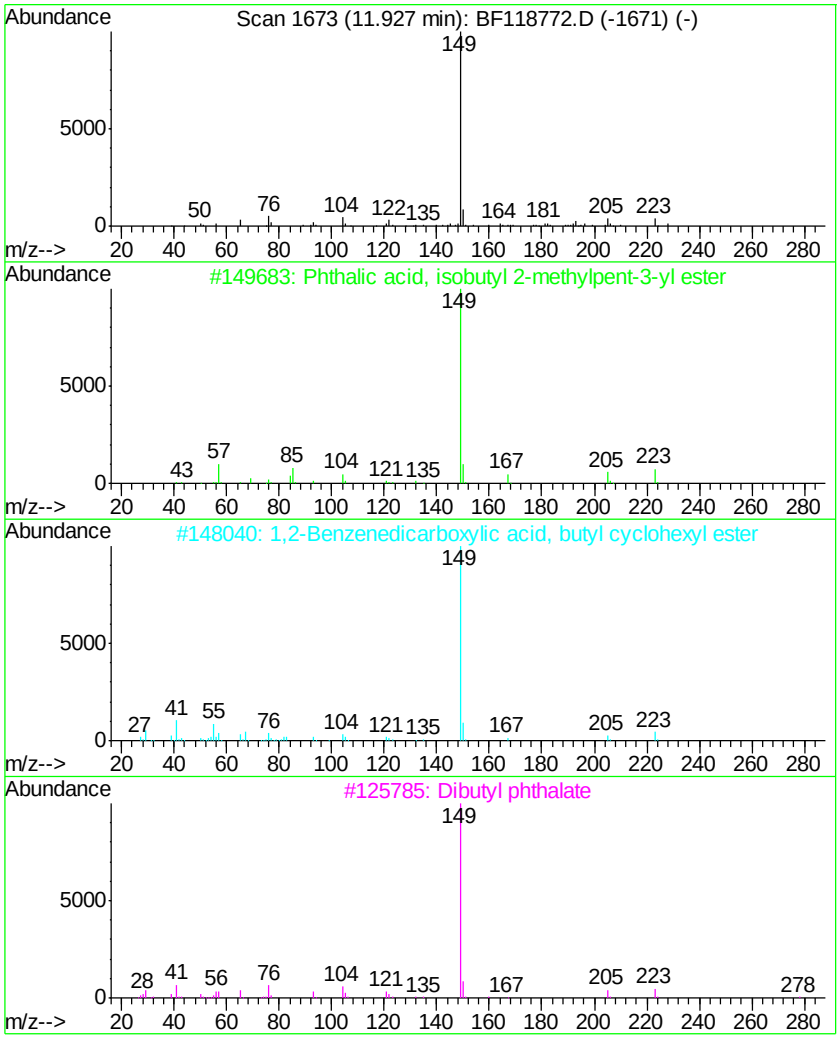
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

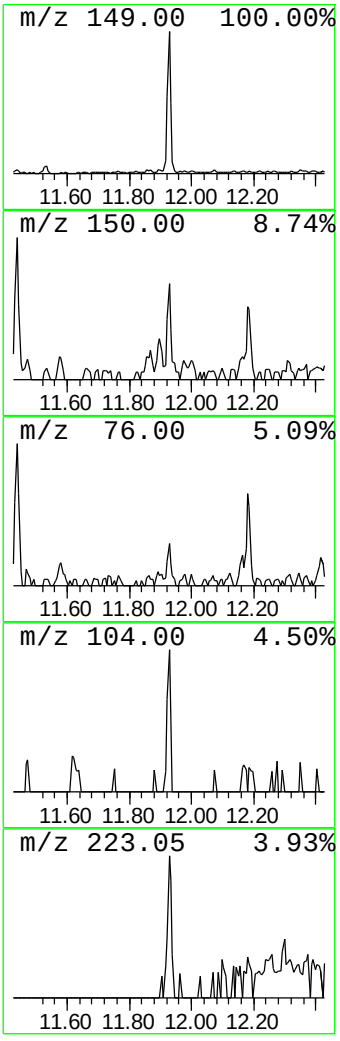
****

Peak Number 6 Phthalic acid, isobutyl 2-m... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.56 ng	264868	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, isobutyl 2-methyl...	306	C18H26O4	1000356-90-7	78
2	1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	78
3	Dibutyl phthalate	278	C16H22O4	000084-74-2	78
4	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	78
5	Phthalic acid, butyl hex-2-yn-4-...	302	C18H22O4	1000315-19-2	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118772.D
Acq On : 31 Jan 2020 00:47
Operator : CG/JU
Sample : L1319-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-01-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

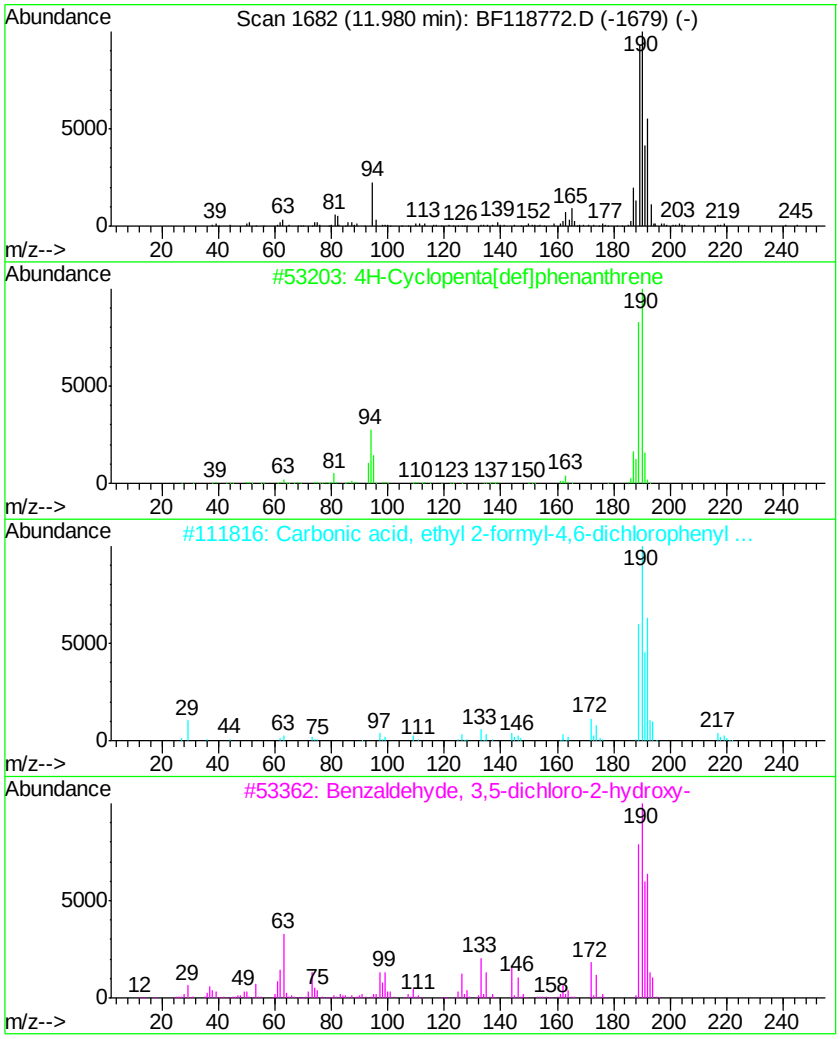
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

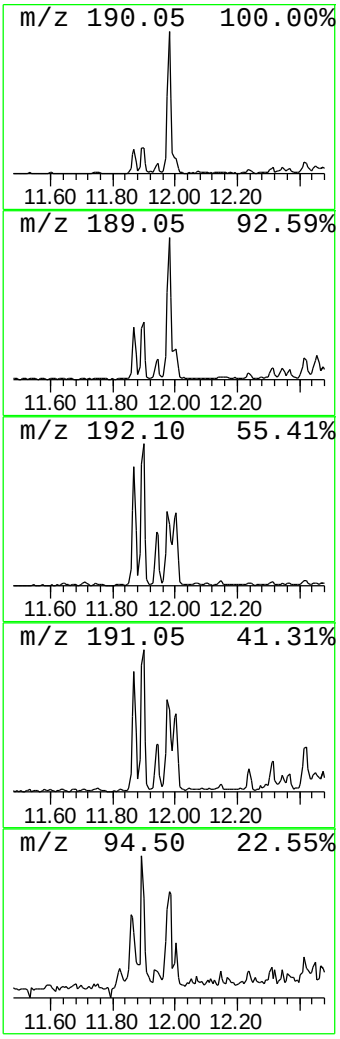
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	2.58 ng	266447	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118772.D
Acq On : 31 Jan 2020 00:47
Operator : CG/JU
Sample : L1319-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAINEY-PARK-BH-01-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

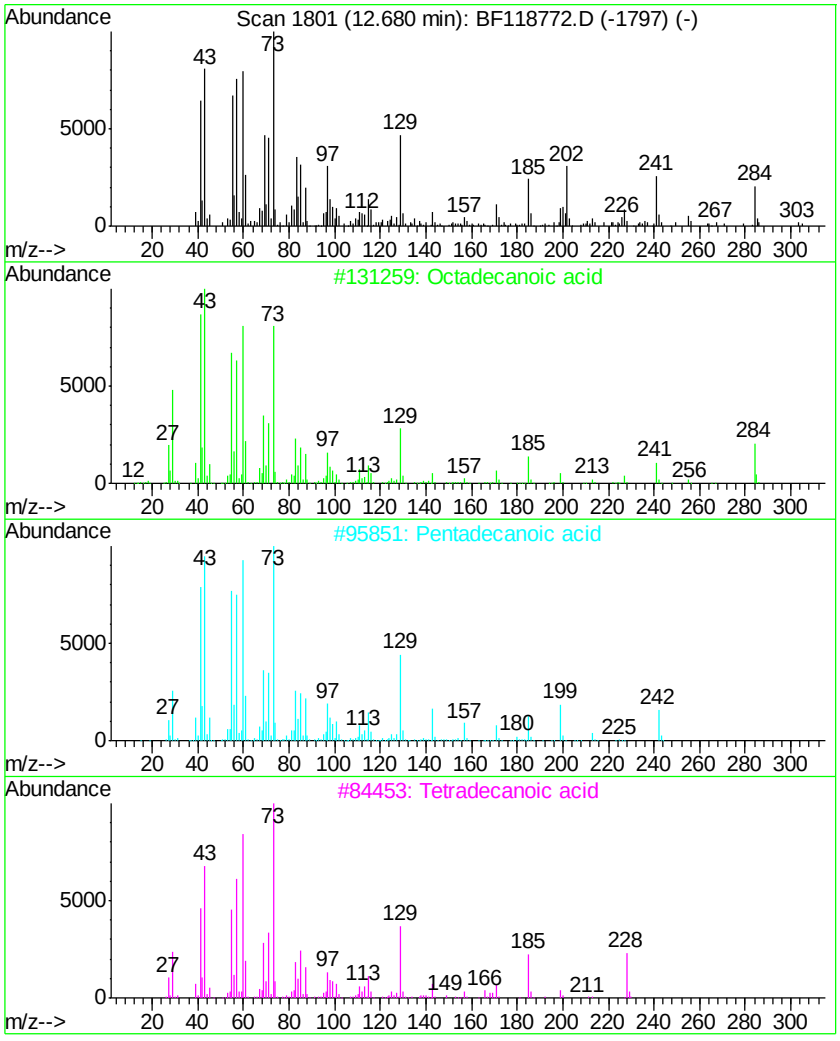
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

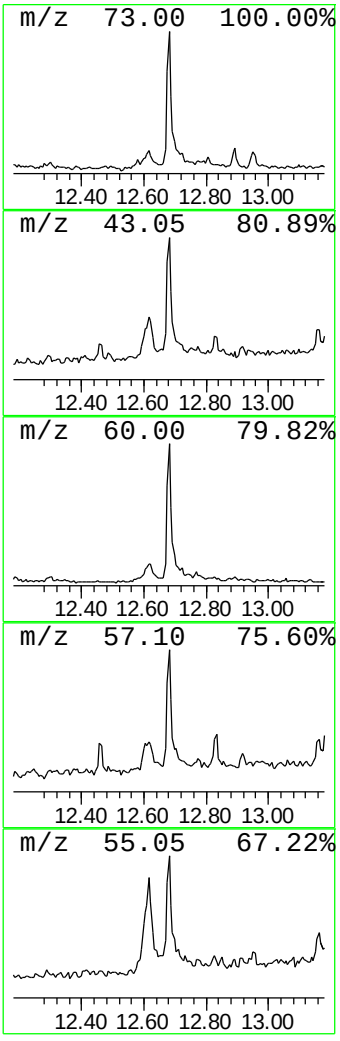
****

Peak Number 8 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	3.32 ng	343510	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62





Library Search Compound Report

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Data File : BF118772.D
Acq On : 31 Jan 2020 00:47
Operator : CG/JU
Sample : L1319-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAINEY-PARK-BH-01-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

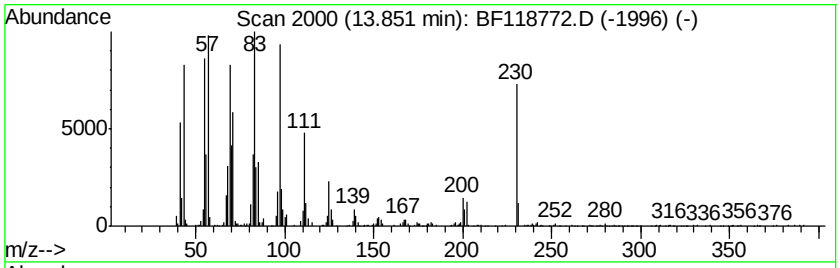
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

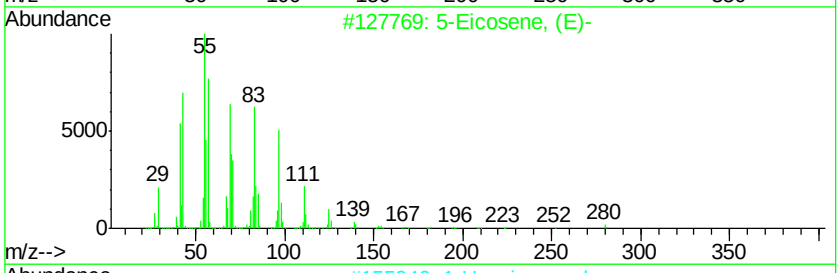
****

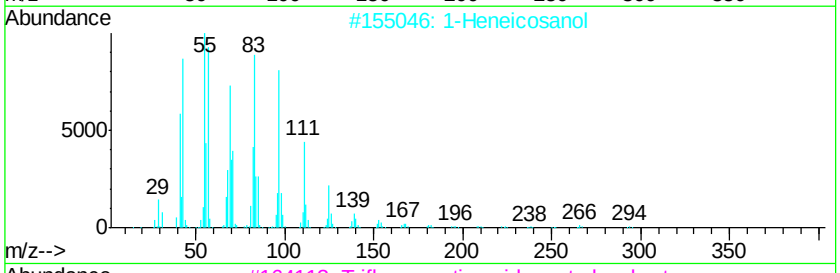
Peak Number 10 5-Eicosene, (E)- Concentration Rank 4

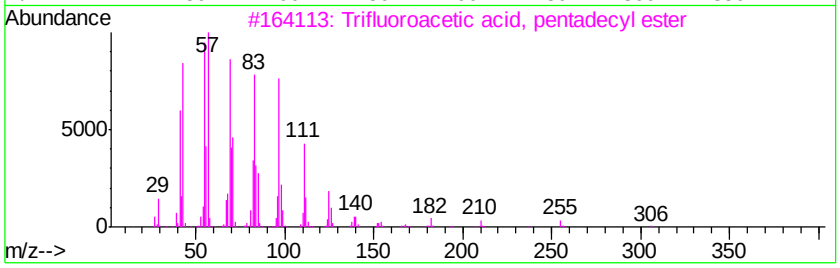
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	7.31 ng	1107180	Chrysene-d12	14.00

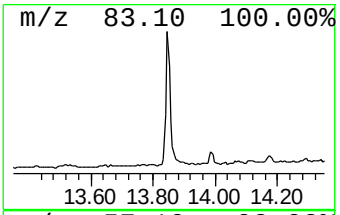
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90

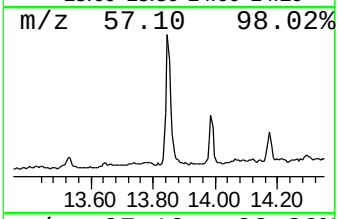


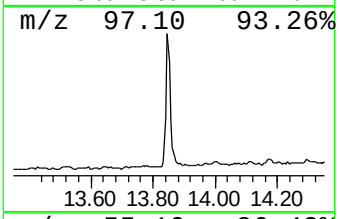


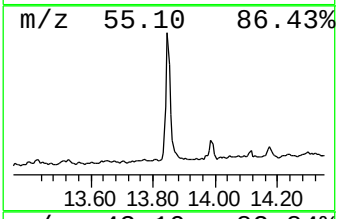


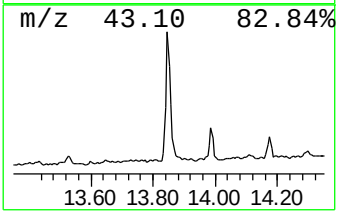












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Data File : BF118772.D
Acq On : 31 Jan 2020 00:47
Operator : CG/JU
Sample : L1319-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-01-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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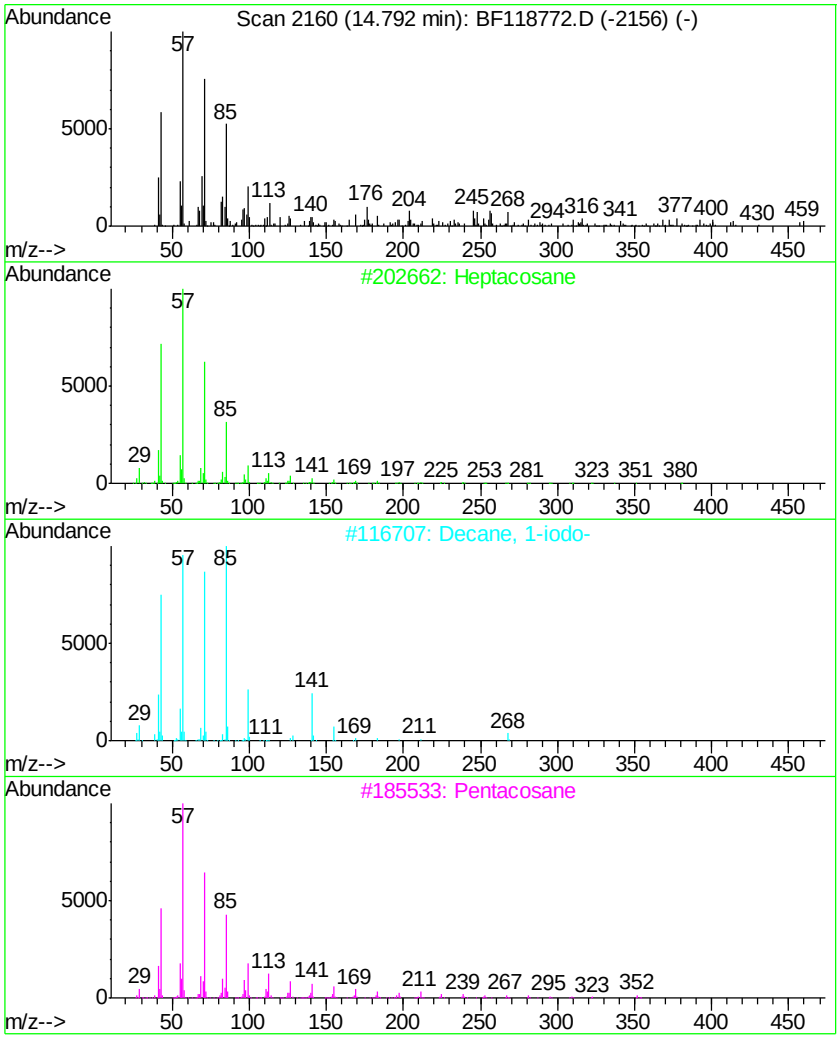
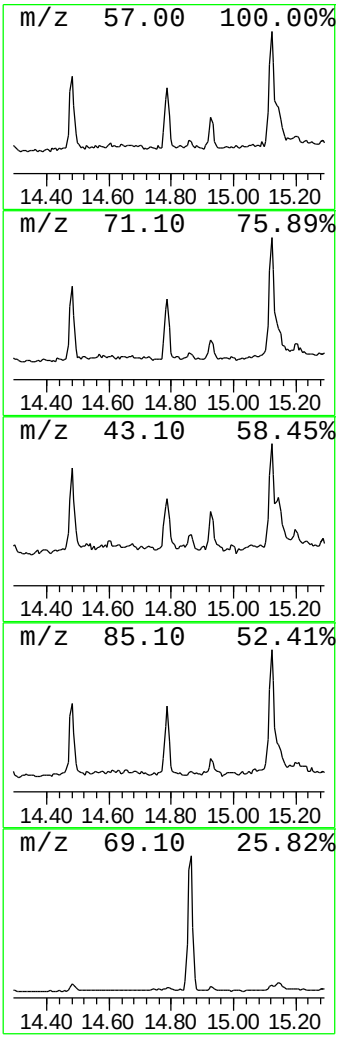
Peak Number 11 Heptacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.16 ng	181589	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	87
3	Pentacosane	352	C25H52	000629-99-2	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Octacosane	394	C28H58	000630-02-4	87





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Data File : BF118772.D
Acq On : 31 Jan 2020 00:47
Operator : CG/JU
Sample : L1319-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-01-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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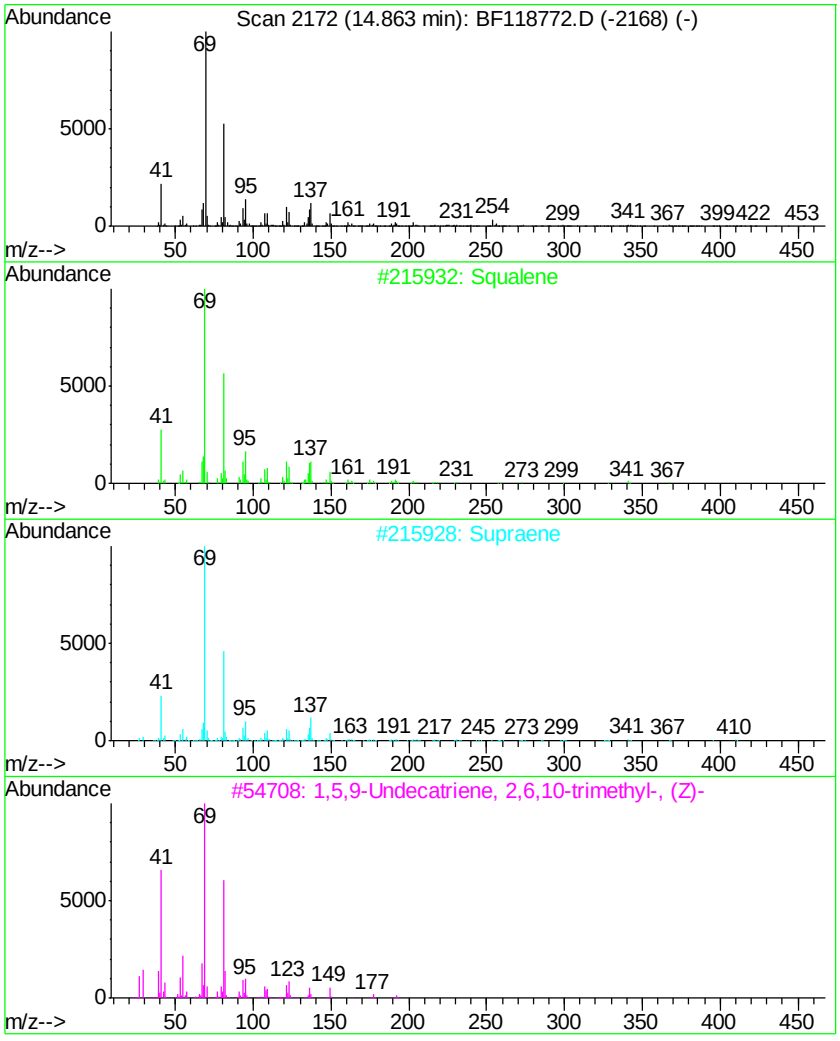
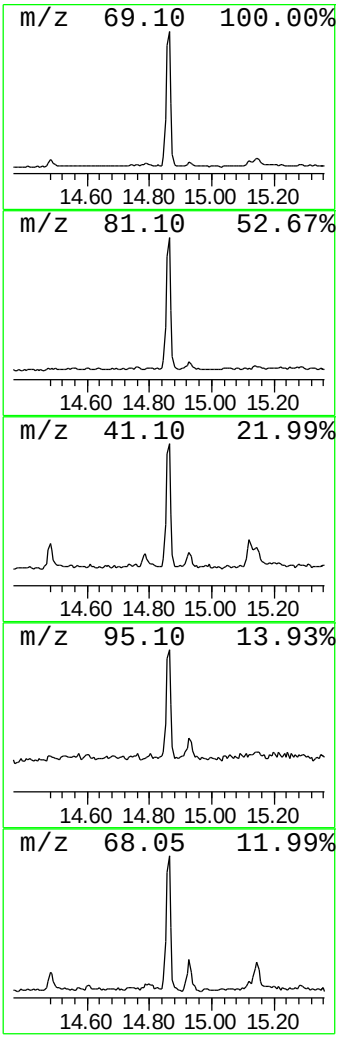
Peak Number 12 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	12.20 ng	1023220	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	94
2	Supraene	410	C30H50	007683-64-9	91
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	83
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64





Library Search Compound Report

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Data File : BF118772.D
Acq On : 31 Jan 2020 00:47
Operator : CG/JU
Sample : L1319-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-01-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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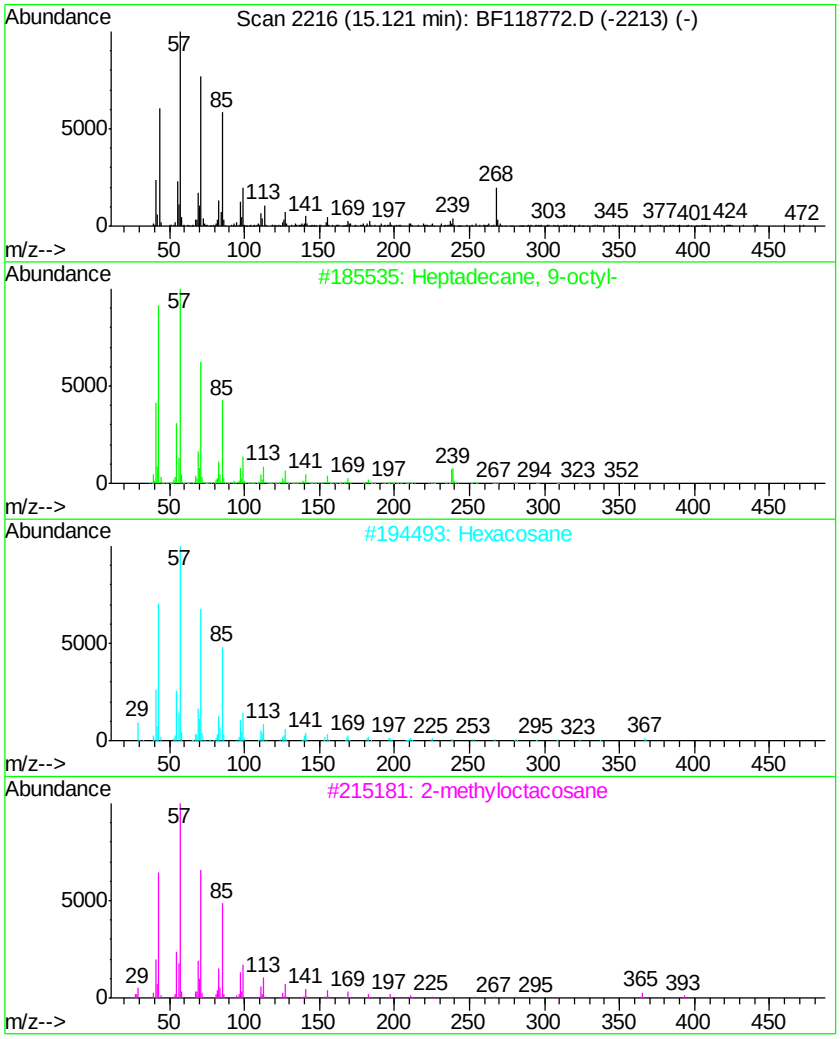
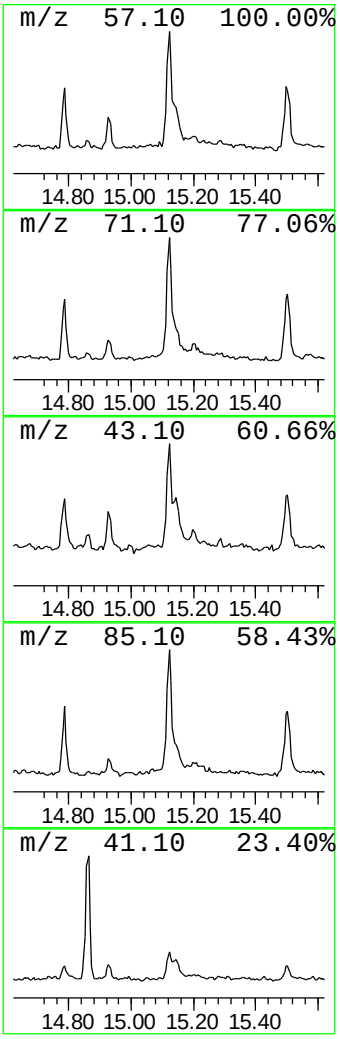
Peak Number 13 Heptadecane, 9-octyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	4.11 ng	344838	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Hexacosane	366	C26H54	000630-01-3	87
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Eicosane	282	C20H42	000112-95-8	83





Library Search Compound Report

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Acq On : 31 Jan 2020 00:47
Operator : CG/JU
Sample : L1319-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-01-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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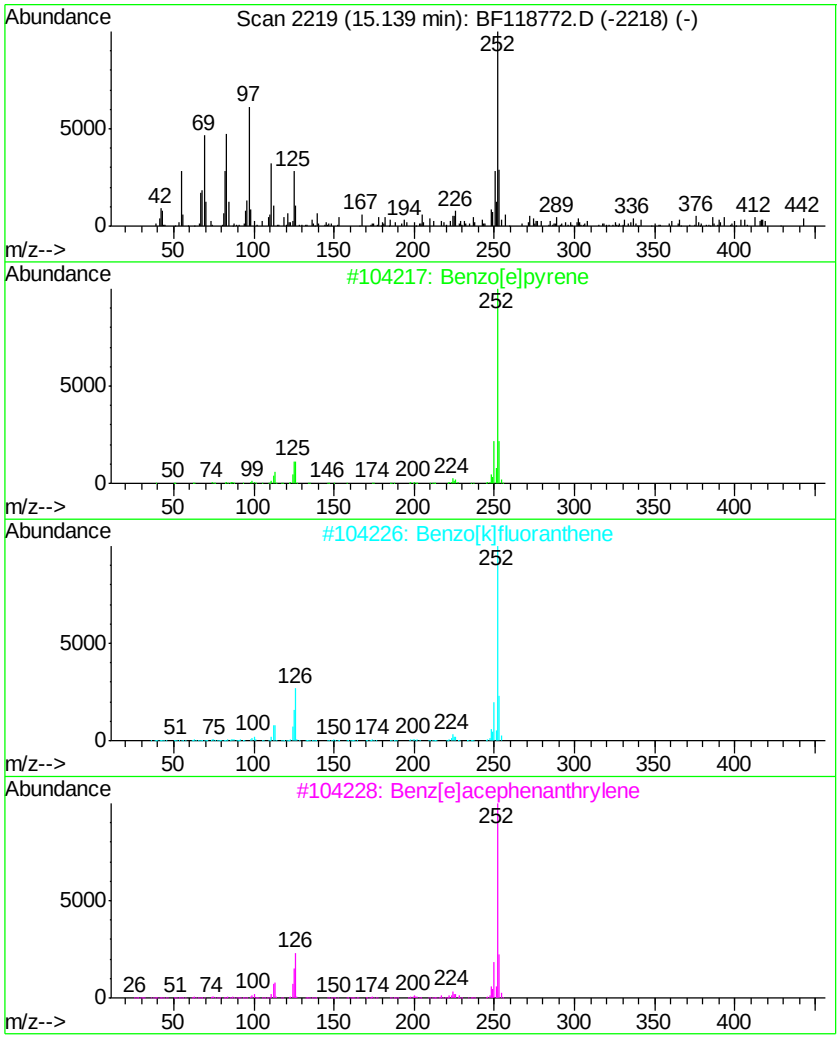
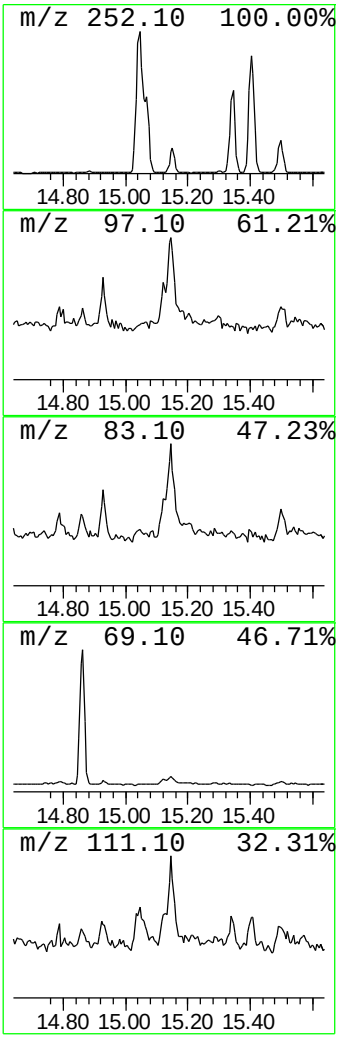
Peak Number 14 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	3.79 ng	317626	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	78
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	78
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	78
4	Benzo[a]pyrene	252	C20H12	000050-32-8	60
5	Perylene	252	C20H12	000198-55-0	60





Library Search Compound Report

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Acq On : 31 Jan 2020 00:47
Operator : CG/JU
Sample : L1319-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-01-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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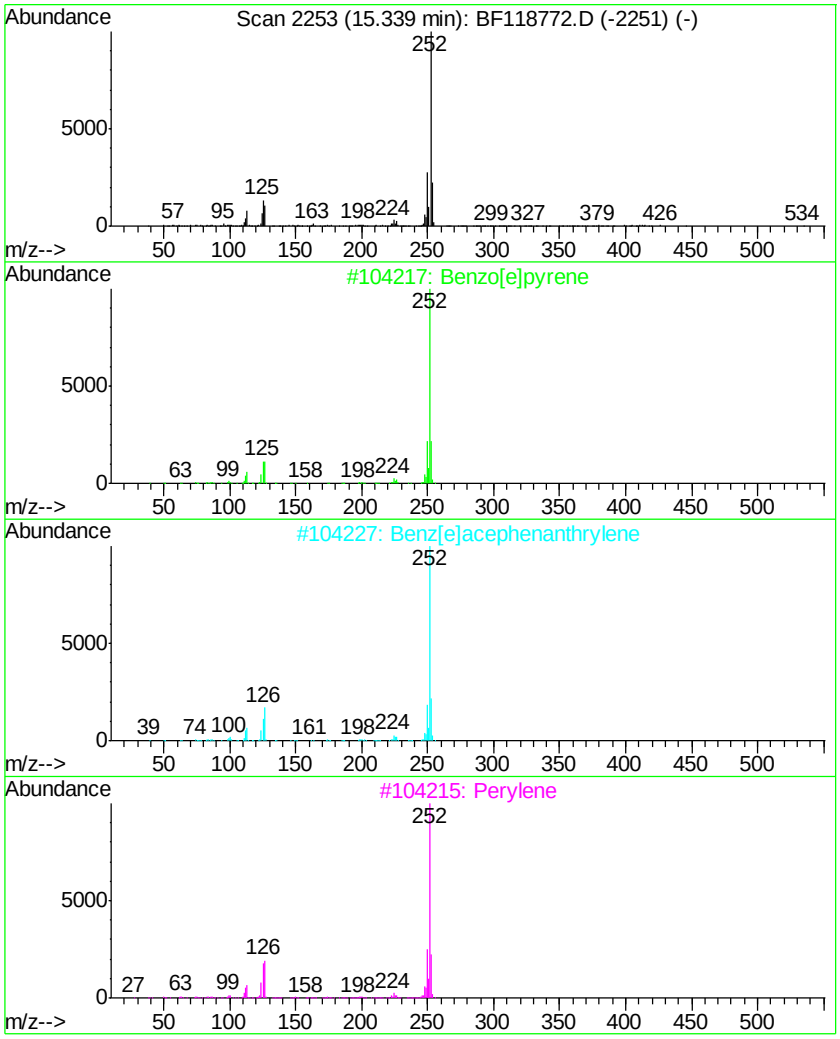
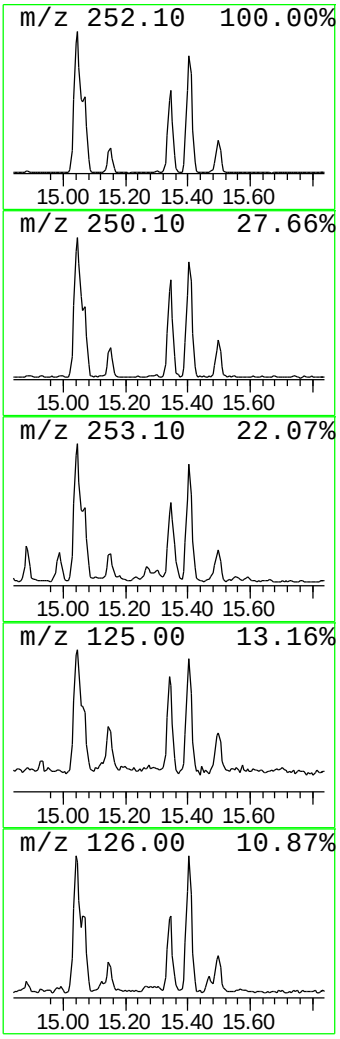
Peak Number 15 Benzo[j]fluoranthene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	5.38 ng	451218	Perylene-d12	15.47

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





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Acq On : 31 Jan 2020 00:47
Operator : CG/JU
Sample : L1319-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-01-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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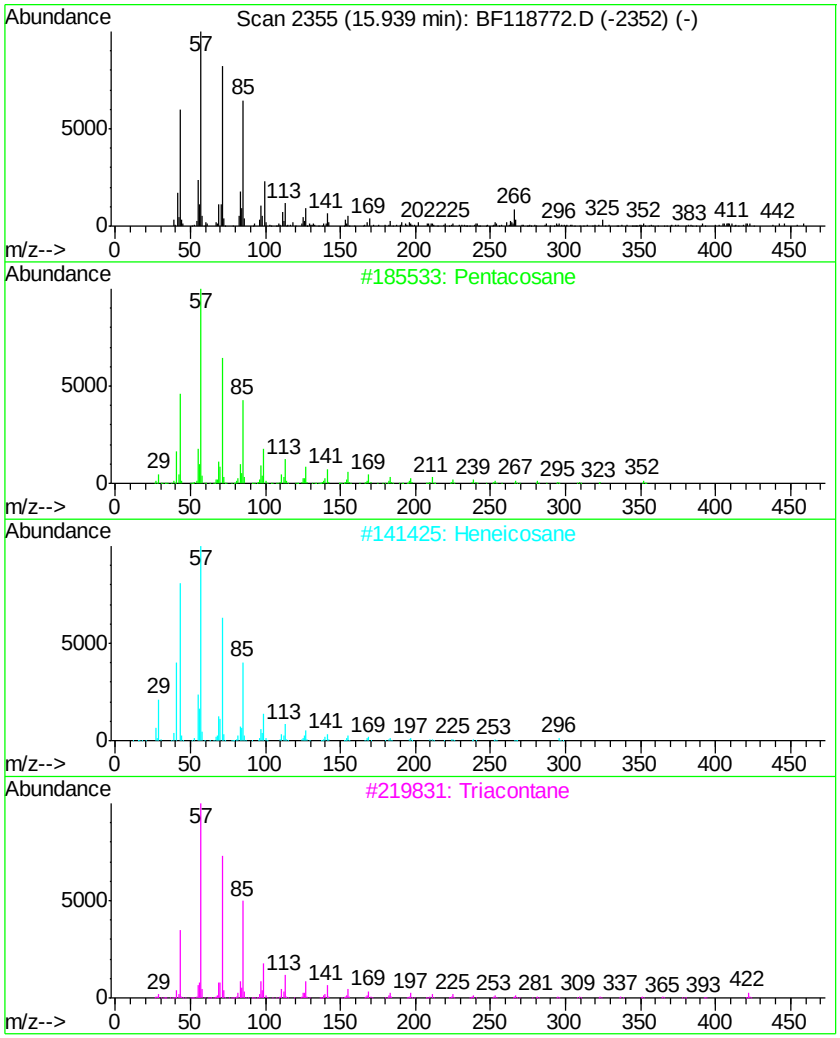
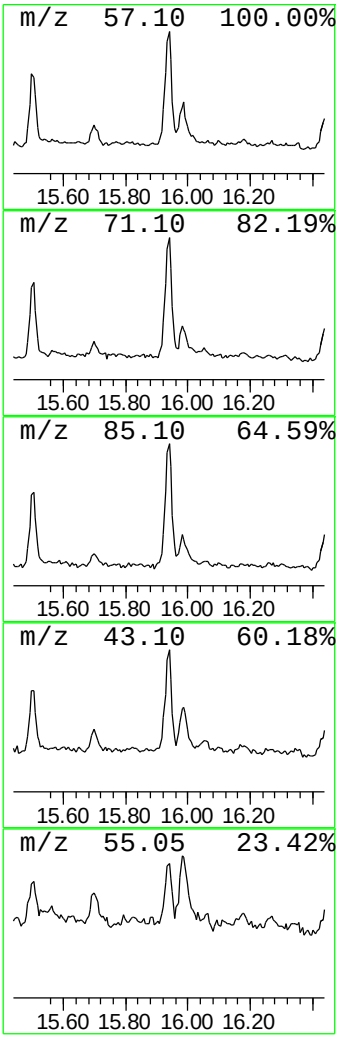
Peak Number 16 Pentacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	3.24 ng	272076	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	94
2	Heneicosane	296	C21H44	000629-94-7	92
3	Triacontane	422	C30H62	000638-68-6	90
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83
5	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	81





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Operator : CG/JU
Sample : L1319-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-01-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

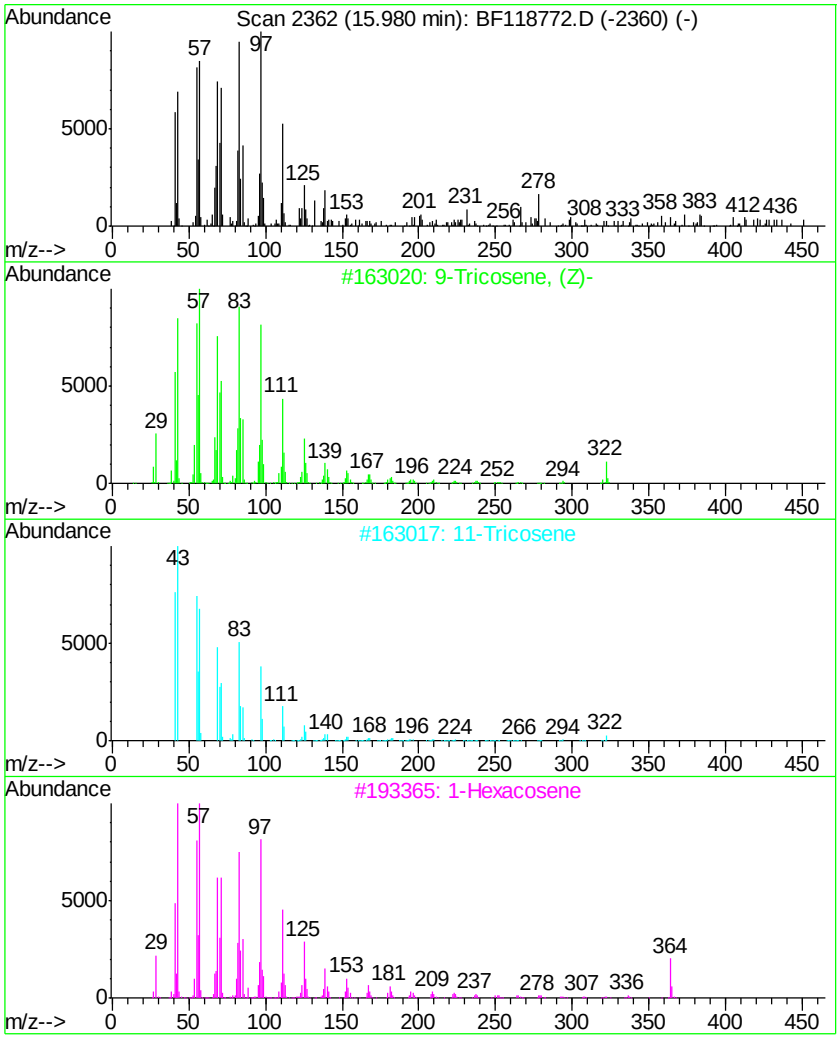
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

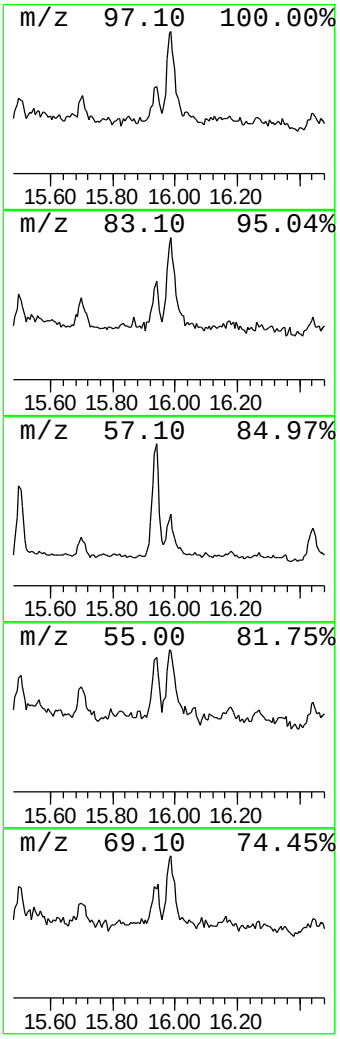
****

Peak Number 17 9-Tricosene, (Z)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	3.63 ng	304757	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
2	11-Tricosene	322	C23H46	052078-56-5	93
3	1-Hexacosene	364	C26H52	018835-33-1	91
4	Z-5-Nonadecene	266	C19H38	1000131-11-8	89
5	9-Hexacosene	364	C26H52	071502-22-2	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF013020\
Data File : BF118772.D
Acq On : 31 Jan 2020 00:47
Operator : CG/JU
Sample : L1319-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-01-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.12	6.8	ng	458943	1	6.85	1354970	20.0
5H-Indeno[1,2-b]p...	11.59	2.1	ng	213414	4	11.36	2066350	20.0
Phenanthrene, 2-m...	11.86	5.0	ng	511086	4	11.36	2066350	20.0
n-Hexadecanoic acid	11.90	12.2	ng	1255720	4	11.36	2066350	20.0
Phthalic acid, is...	11.93	2.6	ng	264868	4	11.36	2066350	20.0
4H-Cyclopenta[def...	11.98	2.6	ng	266447	4	11.36	2066350	20.0
Octadecanoic acid	12.68	3.3	ng	343510	4	11.36	2066350	20.0
5-Eicosene, (E)-	13.85	7.3	ng	1107180	5	14.00	3030160	20.0
Heptacosane	14.79	2.2	ng	181589	6	15.47	1678020	20.0
Squalene	14.86	12.2	ng	1023220	6	15.47	1678020	20.0
Heptadecane, 9-oc...	15.12	4.1	ng	344838	6	15.47	1678020	20.0
Benzo[e]pyrene	15.14	3.8	ng	317626	6	15.47	1678020	20.0
Benzo[j]fluoranthene	15.34	5.4	ng	451218	6	15.47	1678020	20.0
Pentacosane	15.94	3.2	ng	272076	6	15.47	1678020	20.0
9-Tricosene, (Z)-	15.98	3.6	ng	304757	6	15.47	1678020	20.0