LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107014.D
Acq On : 30 Jun 2018 15:02
Operator : JU/SJ
Sample : J3600-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-3

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-BF061918.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	5.178	480	483	491	rBV	12673	14055	1.50%	0.150%
2	5.590	550	553	566	rBV	227912	240302	25.60%	2.570%
3	6.595	721	724	738	rBV	231008	242649	25.85%	2.596%
4	6.725	743	746	752	rVV	274237	256560	27.33%	2.744%
5	6.954	781	785	788	rBV	404946	364446	38.83%	3.898%
6	7.107	807	811	818	rBB	253565	208139	22.17%	2.226%
7	7.513	877	880	894	rBV	135269	140903	15.01%	1.507%
8	8.236	999	1003	1009	rBV	486400	429589	45.77%	4.595%
9	9.307	1181	1185	1194	rBV	285972	269068	28.66%	2.878%
10	9.701	1249	1252	1258	rVB	18301	18036	1.92%	0.193%
11	9.854	1275	1278	1282	rBV	10997	10675	1.14%	0.114%
12	9.925	1287	1290	1295	rVV4	7257	13114	1.40%	0.140%
13	9.995	1298	1302	1305	rVV	483840	426004	45.38%	4.557%
14	10.025	1305	1307	1313	rVB	33255	28580	3.04%	0.306%
15	10.201	1332	1337	1340	rBV	14337	15000	1.60%	0.160%
16	10.542	1392	1395	1401	rVB	30765	28067	2.99%	0.300%
17	10.601	1401	1405	1408	rBV	19807	19022	2.03%	0.203%
18	10.789	1431	1437	1442	rBV	151436	143603	15.30%	1.536%
19	11.295	1520	1523	1526	rBV	11354	10301	1.10%	0.110%
20	11.324	1526	1528	1535	rVV4	10566	14948	1.59%	0.160%
21	11.383	1535	1538	1541	rVB	16119	13042	1.39%	0.140%
22	11.489	1552	1556	1558	rBV	498078	456221	48.60%	4.880%
23	11.513	1558	1560	1563	rVV	375812	294358	31.36%	3.149%
24	11.566	1563	1569	1572	rVV	104968	93718	9.98%	1.002%
25	11.724	1591	1596	1599	rBV2	33558	31887	3.40%	0.341%
26	11.989	1637	1641	1643	rBV	44396	37006	3.94%	0.396%
27	12.019	1643	1646	1651	rVV2	56605	50257	5.35%	0.538%
28	12.066	1651	1654	1657	rVV	25902	22231	2.37%	0.238%
29	12.107	1657	1661	1663	rVV2	67490	75366	8.03%	0.806%
30	12.124	1663	1664	1668	rVB	29538	16868	1.80%	0.180%
31	12.283	1686	1691	1694	rVV	33927	30706	3.27%	0.328%
32	12.318	1694	1697	1701	rVB	21855	20260	2.16%	0.217%
33	12.536	1731	1734	1738	rBV2	22483	27451	2.92%	0.294%
34	12.577	1738	1741	1743	rVV3	14987	17228	1.84%	0.184%

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Misc :
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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.630	1747	1750	1755	rBV3	21537	23977	2.55%	0.256%
36	12.707	1759	1763	1766	rBV	642954	526096	56.05%	5.628%
37	12.765	1771	1773	1776	rVB	14023	11116	1.18%	0.119%
38	12.801	1776	1779	1781	rBV	10929	10252	1.09%	0.110%
39	12.860	1781	1789	1791	rBV3	20209	27988	2.98%	0.299%
40	12.918	1796	1799	1800	rBV2	111235	113149	12.05%	1.210%
41	12.936	1800	1802	1807	rVB	505013	451773	48.13%	4.833%
42	12.983	1807	1810	1814	rVB	28647	28998	3.09%	0.310%
43	13.065	1817	1824	1827	rBV	389380	364330	38.81%	3.897%
44	13.101	1827	1830	1833	rVB	30405	31196	3.32%	0.334%
45	13.148	1834	1838	1843	rBV3	36587	63194	6.73%	0.676%
46	13.189	1843	1845	1847	rBV	10694	10815	1.15%	0.116%
47	13.265	1855	1858	1861	rVB	80127	82268	8.76%	0.880%
48	13.330	1866	1869	1871	rVV	67433	52758	5.62%	0.564%
49	13.371	1871	1876	1878	rVV2	49832	66375	7.07%	0.710%
50	13.395	1878	1880	1882	rVB	17975	15214	1.62%	0.163%
51	13.424	1882	1885	1888	rBV	11059	9678	1.03%	0.104%
52	13.465	1889	1892	1894	rVV2	26573	24616	2.62%	0.263%
53	13.495	1894	1897	1900	rVV2	31111	31388	3.34%	0.336%
54	13.636	1919	1921	1924	rBV3	6736	9626	1.03%	0.103%
55	13.748	1937	1940	1942	rBV3	20495	23616	2.52%	0.253%
56	13.777	1942	1945	1949	rVB	48033	46758	4.98%	0.500%
57	13.889	1959	1964	1966	rBV	59754	66754	7.11%	0.714%
58	13.912	1966	1968	1971	rVV	60127	63026	6.71%	0.674%
59	13.948	1971	1974	1978	rVV2	68021	96549	10.29%	1.033%
60	13.989	1978	1981	1985	rVB	46514	45102	4.80%	0.482%
61	14.095	1996	1999	2001	rBV	57824	43084	4.59%	0.461%
62	14.142	2002	2007	2010	rVV2	686753	938676	100.00%	10.041%
63	14.171	2010	2012	2019	rVB	310410	272643	29.05%	2.916%
64	14.254	2024	2026	2029	rBV	64724	57465	6.12%	0.615%
65	14.501	2066	2068	2070	rBV	20186	18297	1.95%	0.196%
66	14.542	2073	2075	2078	rVB	52609	41488	4.42%	0.444%
67	14.577	2079	2081	2082	rBV	22286	14049	1.50%	0.150%
68	14.671	2095	2097	2099	rBV	22171	18434	1.96%	0.197%
69	14.789	2115	2117	2122	rVB4	29122	37442	3.99%	0.401%
70	15.065	2162	2164	2167	rVB2	36517	36311	3.87%	0.388%
71	15.236	2189	2193	2196	rBV	200492	302066	32.18%	3.231%

LSC Area Percent Report

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.265	2196	2198	2201	rVB2	141930	129064	13.75%	1.381%
73	15.348	2209	2212	2215	rBV	48396	60011	6.39%	0.642%
74	15.559	2244	2248	2254	rVB	114114	147361	15.70%	1.576%
75	15.624	2255	2259	2263	rBV	163028	208570	22.22%	2.231%
76	15.695	2266	2271	2274	rBV	264726	339038	36.12%	3.627%
77	16.124	2341	2344	2349	rVB2	35098	50966	5.43%	0.545%
78	17.271	2534	2539	2549	rVB2	70292	157921	16.82%	1.689%
79	17.748	2617	2620	2630	rVB2	46125	99305	10.58%	1.062%

Sum of corrected areas: 9348463

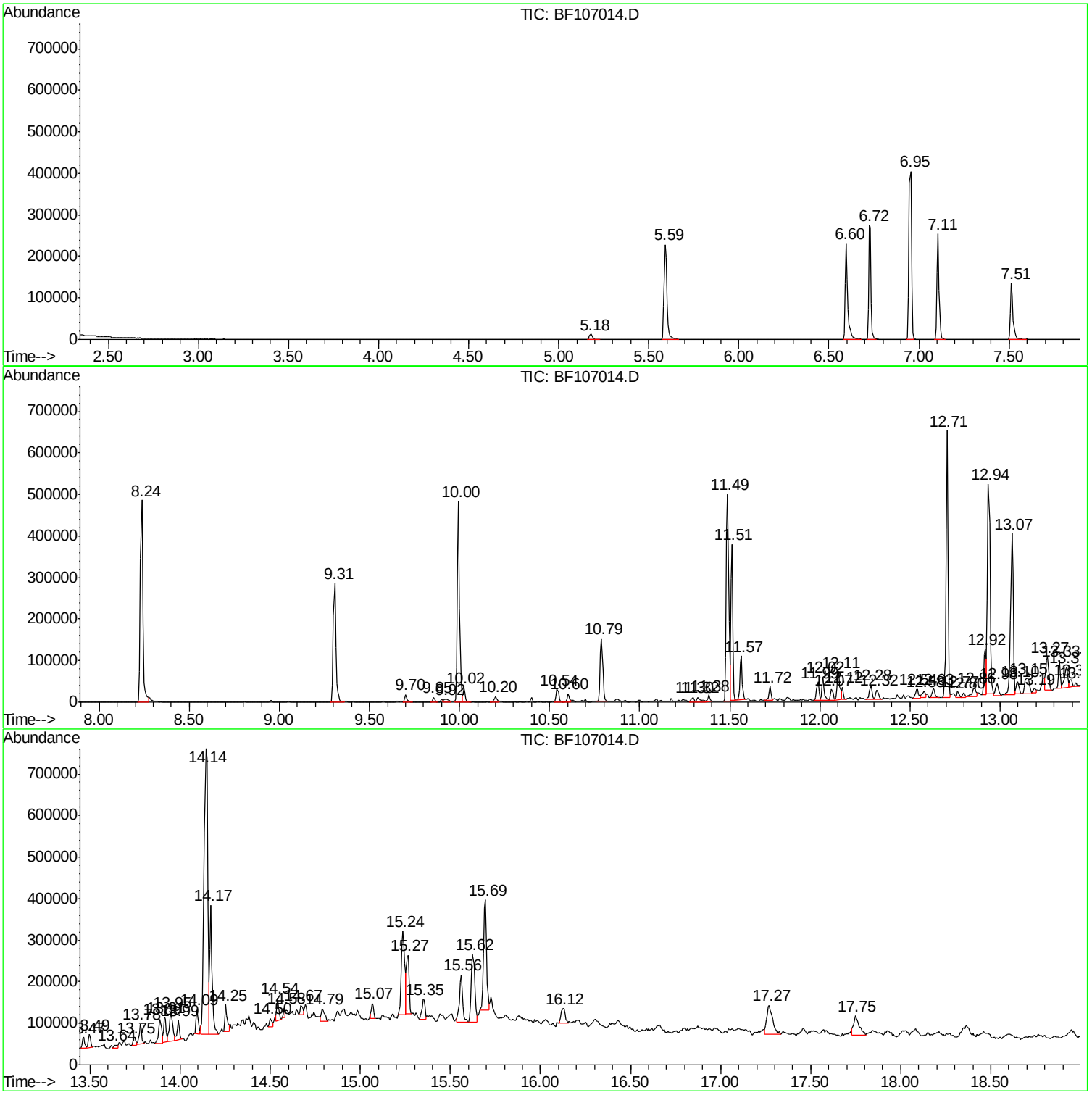
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107014.D
Acq On : 30 Jun 2018 15:02
Operator : JU/SJ
Sample : J3600-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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\BF063018\
Data File : BF107014.D
Acq On : 30 Jun 2018 15:02
Operator : JU/SJ
Sample : J3600-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

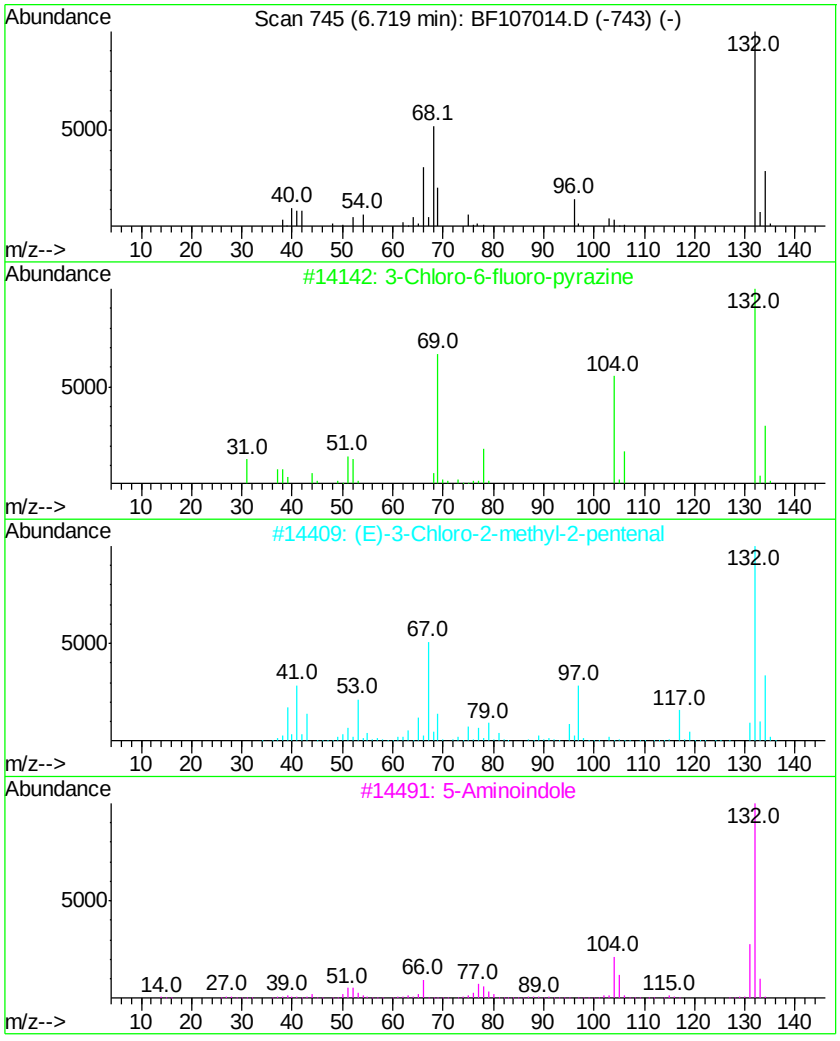
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

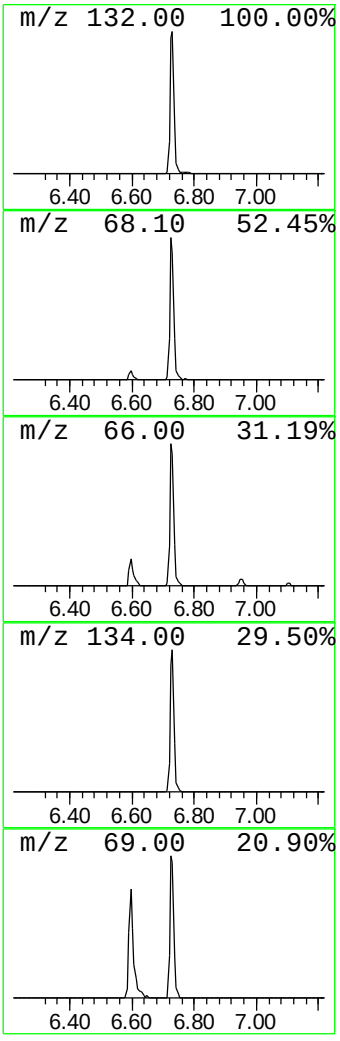
****

Peak Number 1 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	14.08 ng	256560	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
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Sample : J3600-03 5X
Misc :
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Instrument : BNA_F
ClientSampleId : DOCUMENTATION-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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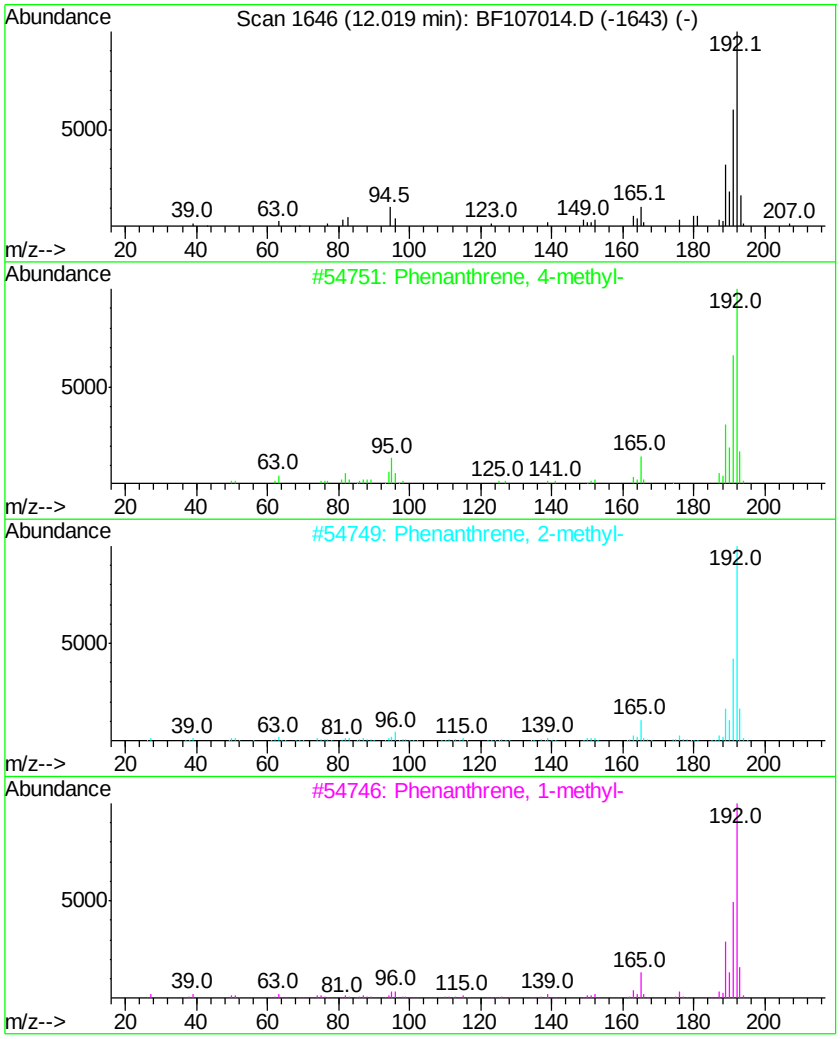
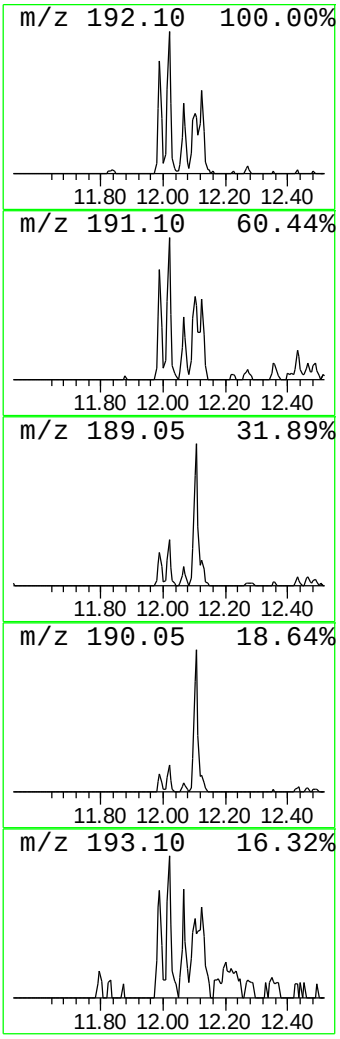
Peak Number 3 Phenanthrene, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.20 ng	50257	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
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Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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TIC Library : C:\DATABASE\NIST11.L
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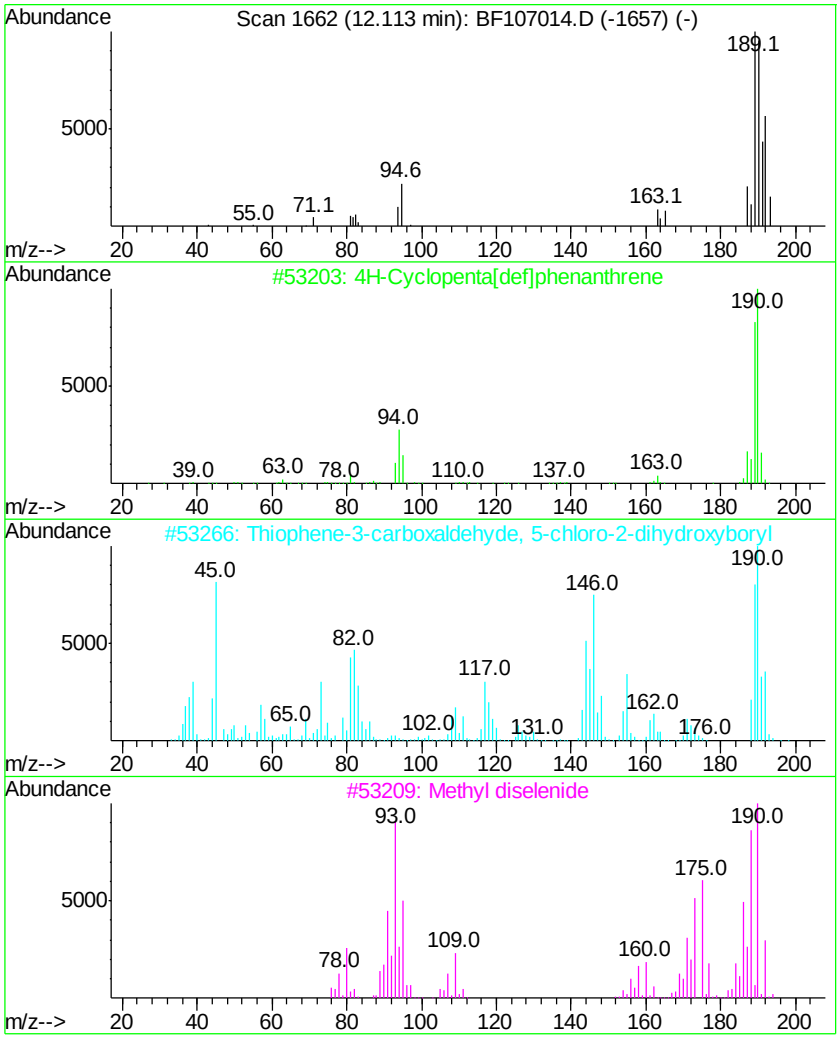
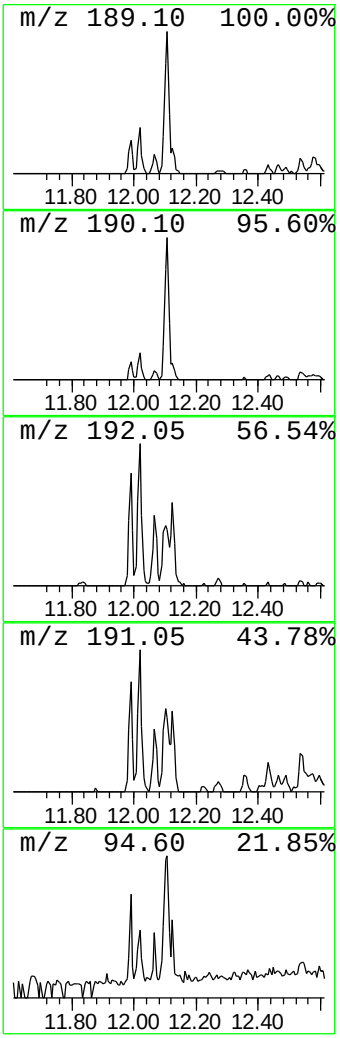
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	3.30 ng	75366	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





Library Search Compound Report

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

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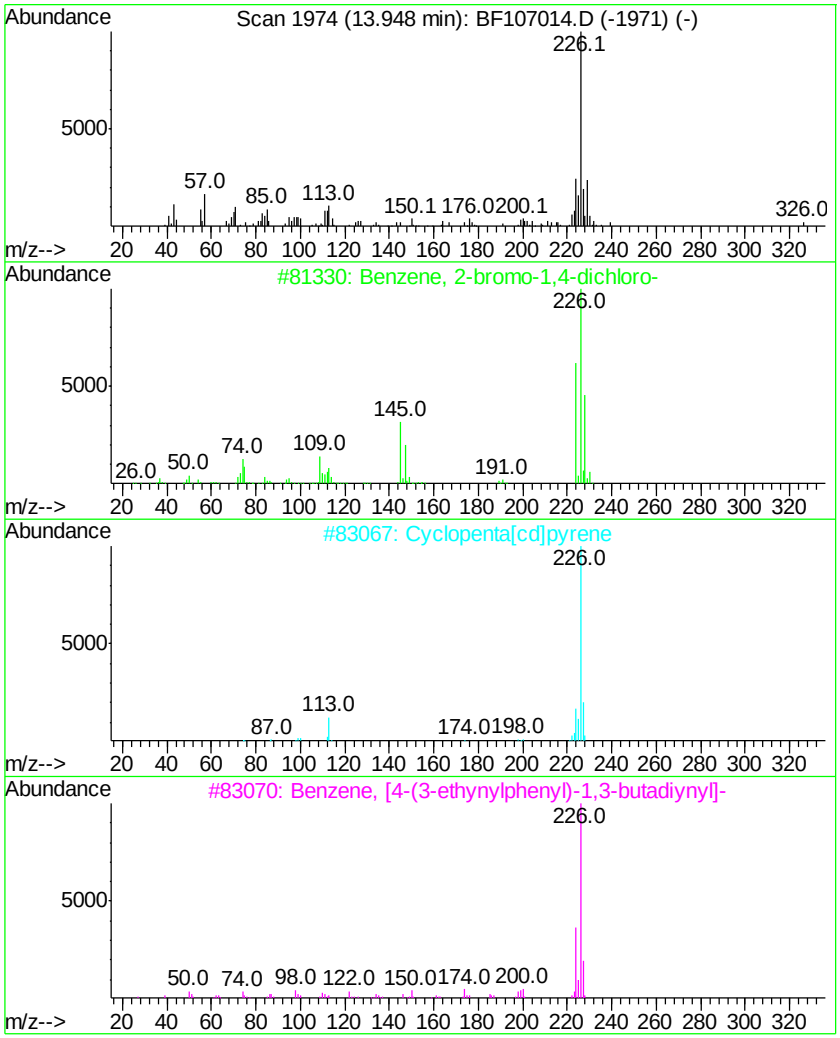
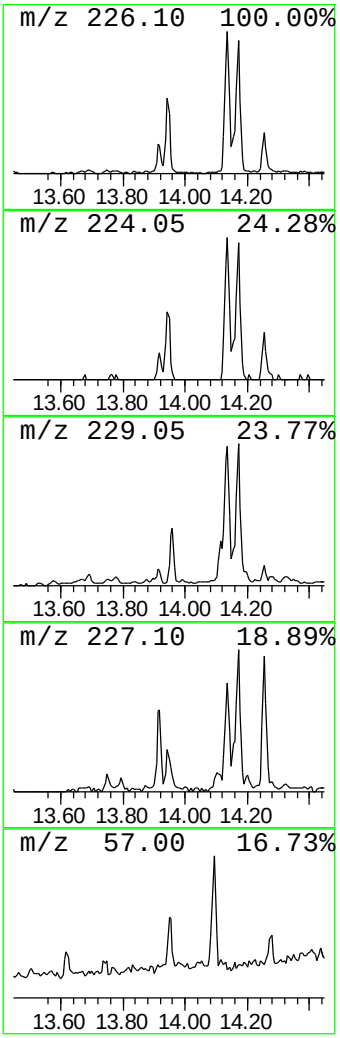
Peak Number 5 Benzene, 2-bromo-1,4-dichloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	2.06 ng	96549	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-bromo-1,4-dichloro-	224	C6H3BrCl2	001435-50-3	50
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	49
3	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	47
4	6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	47
5	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	43





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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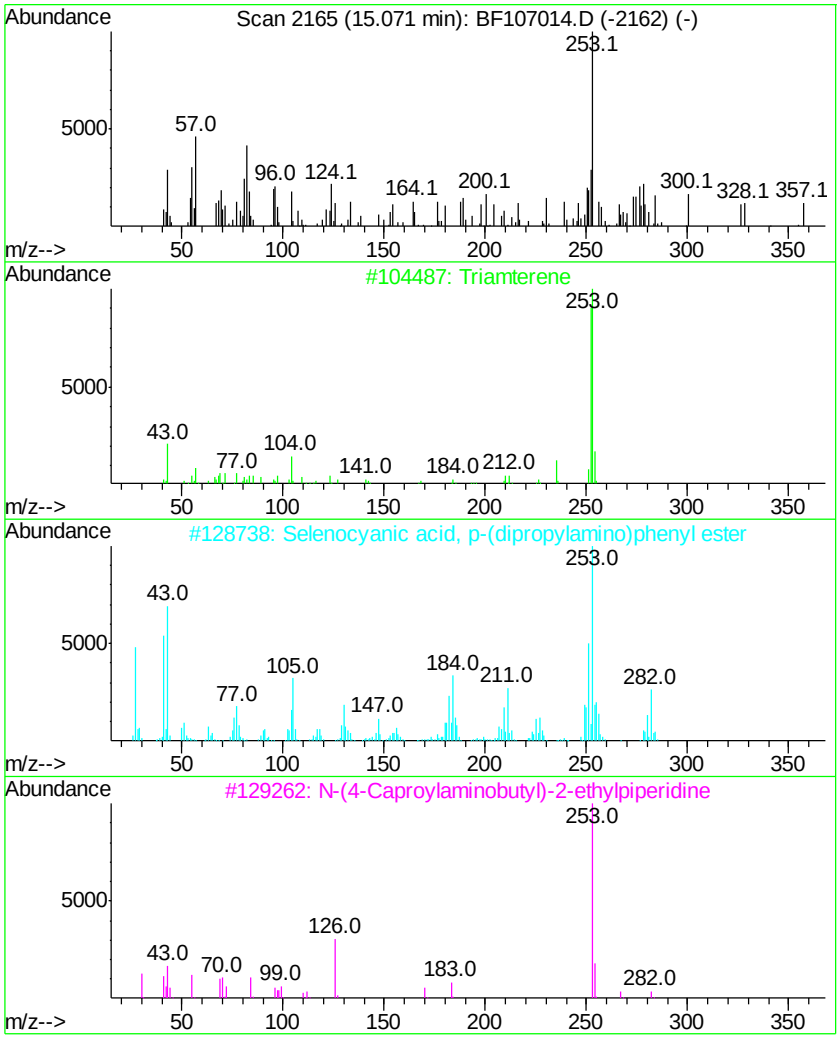
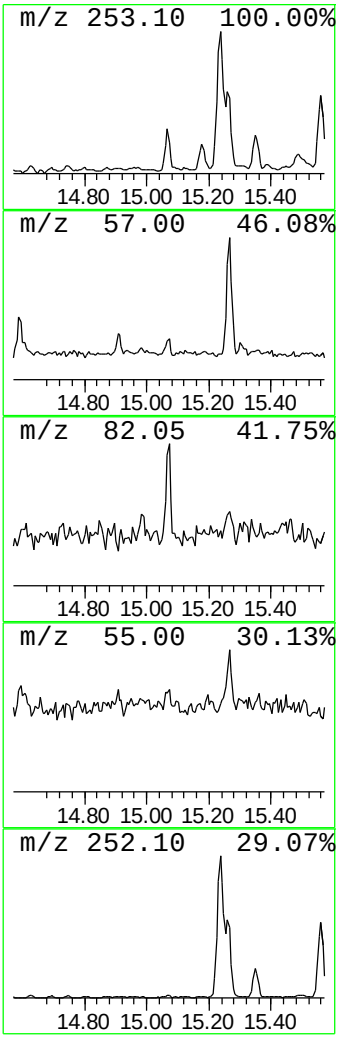
Peak Number 6 unknown15.07 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.14 ng	36311	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triamterene	253	C12H11N7	000396-01-0	43
2	Selenocyanic acid, p-(dipropylam...	282	C13H18N2Se	022037-09-8	37
3	N-(4-Caproylaminobutyl)-2-ethylp...	282	C17H34N2O	1000306-09-9	37
4	1H-Imidazole, 5-iodo-2-methyl-4-...	253	C4H4IN3O2	1000362-18-4	25
5	Imidazo[4,5-e][1,4]diazepine-5,8...	253	C9H11N5O4	148259-68-1	25





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Instrument : BNA_F
ClientSampleId : DOCUMENTATION-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

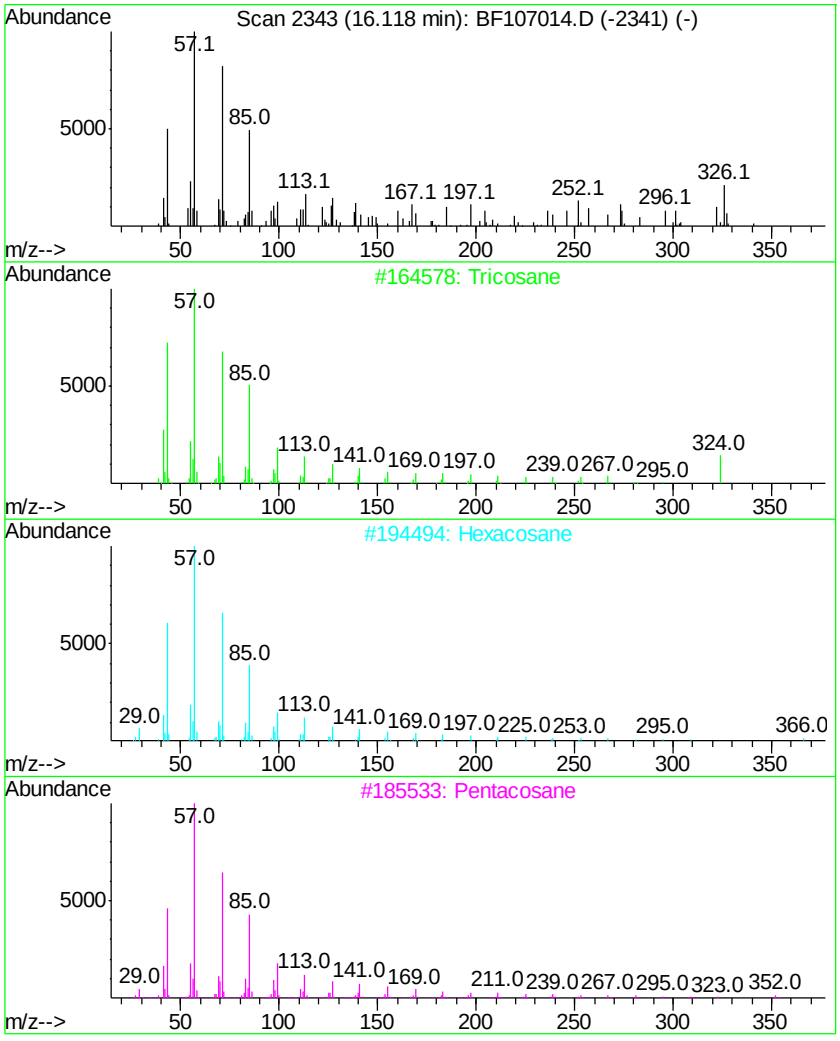
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

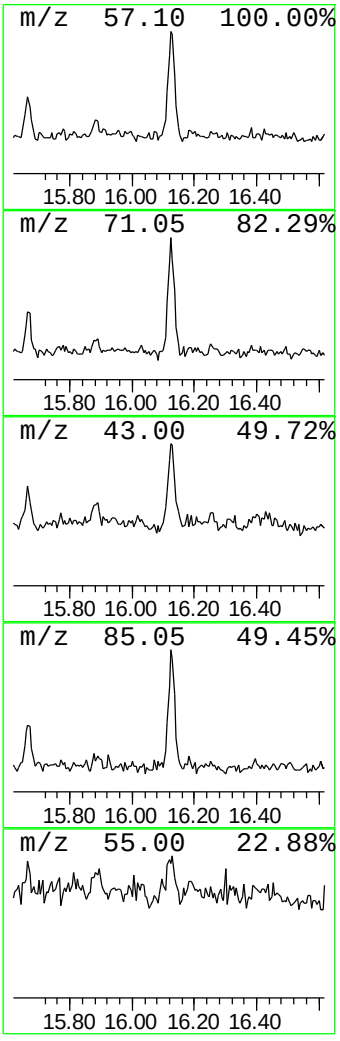
****

Peak Number 9 Tricosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	3.01 ng	50966	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	76
2	Hexacosane	366	C26H54	000630-01-3	76
3	Pentacosane	352	C25H52	000629-99-2	70
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	64
5	Hexadecane	226	C16H34	000544-76-3	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF063018\
Data File : BF107014.D
Acq On : 30 Jun 2018 15:02
Operator : JU/SJ
Sample : J3600-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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
unknown6.72	6.72	14.1	ng	256560	1	6.95	364446	20.0
Phenanthrene, 4-m...	12.02	2.2	ng	50257	4	11.49	456221	20.0
4H-Cyclopenta[def...	12.11	3.3	ng	75366	4	11.49	456221	20.0
Benzene, 2-bromo-...	13.95	2.1	ng	96549	5	14.15	938676	20.0
unknown15.07	15.07	2.1	ng	36311	6	15.69	339038	20.0
Tricosane	16.12	3.0	ng	50966	6	15.69	339038	20.0