LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111434.D
Acq On : 14 Dec 2018 22:20
Operator : JU/SJ
Sample : J6371-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB07-1-2

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_F\METHODS\8270-BF121418.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	4.351	381	385	392	rBV	37862	44168	1.97%	0.145%
2	4.981	488	492	500	rBV	354898	361789	16.11%	1.190%
3	5.410	562	565	577	rBV	710685	721995	32.15%	2.375%
4	6.434	735	739	754	rBV	2375937	2178017	96.99%	7.164%
5	6.563	757	761	770	rBV	1724329	1393444	62.05%	4.584%
6	6.792	797	800	804	rBV	1404080	1107509	49.32%	3.643%
7	6.951	823	827	830	rBV	2033570	1696612	75.55%	5.581%
8	7.351	891	895	898	rBV	1611741	1334956	59.45%	4.391%
9	8.075	1014	1018	1024	rBV	1666822	1397064	62.21%	4.595%
10	9.151	1197	1201	1213	rBV	2784837	2245687	100.00%	7.387%
11	9.239	1213	1216	1221	rVV4	33769	44592	1.99%	0.147%
12	9.492	1256	1259	1261	rBV2	30114	28599	1.27%	0.094%
13	9.545	1265	1268	1273	rVV	166237	166322	7.41%	0.547%
14	9.692	1290	1293	1297	rBV	34282	41105	1.83%	0.135%
15	9.745	1297	1302	1304	rVV5	33439	34502	1.54%	0.113%
16	9.827	1313	1316	1320	rBV	1388718	1276752	56.85%	4.200%
17	9.863	1320	1322	1326	rVB	95913	86502	3.85%	0.285%
18	9.939	1332	1335	1339	rVB6	20566	32529	1.45%	0.107%
19	9.992	1339	1344	1347	rBV6	18639	36551	1.63%	0.120%
20	10.033	1348	1351	1354	rVB2	44042	37833	1.68%	0.124%
21	10.239	1383	1386	1388	rBV4	27743	28630	1.27%	0.094%
22	10.374	1406	1409	1415	rVB	78045	81820	3.64%	0.269%
23	10.486	1426	1428	1434	rBV2	30224	39197	1.75%	0.129%
24	10.533	1434	1436	1440	rVB3	38892	40041	1.78%	0.132%
25	10.616	1446	1450	1455	rBV	225002	241108	10.74%	0.793%
26	10.739	1469	1471	1472	rBV	45033	36617	1.63%	0.120%
27	11.116	1533	1535	1539	rVB2	34788	34627	1.54%	0.114%
28	11.174	1540	1545	1546	rVV4	27972	43675	1.94%	0.144%
29	11.210	1549	1551	1558	rVB2	66027	91900	4.09%	0.302%
30	11.316	1565	1569	1571	rBV	1127582	1127449	50.21%	3.709%
31	11.339	1571	1573	1576	rVV	902357	747119	33.27%	2.458%
32	11.386	1578	1581	1585	rVV	236212	216315	9.63%	0.712%
33	11.421	1585	1587	1591	rVB4	28427	36465	1.62%	0.120%
34	11.539	1603	1607	1610	rBV2	77537	92111	4.10%	0.303%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111434.D
Acq On : 14 Dec 2018 22:20
Operator : JU/SJ
Sample : J6371-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB07-1-2

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_F\METHODS\8270-BF121418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.610	1617	1619	1623	rVB3	34176	33033	1.47%	0.109%
36	11.645	1623	1625	1627	rBV2	31699	26633	1.19%	0.088%
37	11.816	1651	1654	1656	rBV	128214	103930	4.63%	0.342%
38	11.845	1656	1659	1663	rVV	210749	195135	8.69%	0.642%
39	11.886	1664	1666	1669	rVV	59775	57178	2.55%	0.188%
40	11.927	1669	1673	1675	rVV	242293	253628	11.29%	0.834%
41	11.951	1675	1677	1682	rVB	90988	80666	3.59%	0.265%
42	11.998	1682	1685	1687	rBV3	31069	34701	1.55%	0.114%
43	12.110	1702	1704	1706	rBV	89829	78072	3.48%	0.257%
44	12.133	1706	1708	1711	rVB2	59969	51580	2.30%	0.170%
45	12.257	1727	1729	1732	rVB2	45745	41931	1.87%	0.138%
46	12.292	1732	1735	1736	rBV2	48831	46924	2.09%	0.154%
47	12.363	1744	1747	1750	rBV2	102063	104395	4.65%	0.343%
48	12.445	1759	1761	1766	rBV2	71124	88329	3.93%	0.291%
49	12.527	1771	1775	1778	rBV	1992036	1721379	76.65%	5.662%
50	12.757	1808	1814	1817	rBV	1622858	1787543	79.60%	5.880%
51	12.868	1831	1833	1835	rBV	82363	87592	3.90%	0.288%
52	12.898	1835	1838	1845	rVB	1828488	1641877	73.11%	5.401%
53	13.080	1867	1869	1872	rVB	271796	221825	9.88%	0.730%
54	13.145	1877	1880	1883	rBV2	182304	177192	7.89%	0.583%
55	13.186	1884	1887	1889	rBV2	167901	165670	7.38%	0.545%
56	13.380	1917	1920	1926	rVB	408264	376321	16.76%	1.238%
57	13.586	1953	1955	1961	rVB	116240	119153	5.31%	0.392%
58	13.727	1977	1979	1981	rVB	112489	75440	3.36%	0.248%
59	13.751	1981	1983	1987	rBV2	97081	109985	4.90%	0.362%
60	13.951	2012	2017	2020	rBV2	1379883	2040655	90.87%	6.712%
61	13.974	2020	2021	2029	rVB	825702	699135	31.13%	2.300%
62	14.057	2033	2035	2038	rVB	195098	159057	7.08%	0.523%
63	14.980	2188	2192	2201	rVB	636003	1188360	52.92%	3.909%
64	15.268	2238	2241	2247	rVB	326584	427304	19.03%	1.406%
65	15.333	2248	2252	2255	rBV	454562	524919	23.37%	1.727%
66	15.392	2259	2262	2265	rBV2	479821	557936	24.84%	1.835%

Sum of corrected areas: 30401080

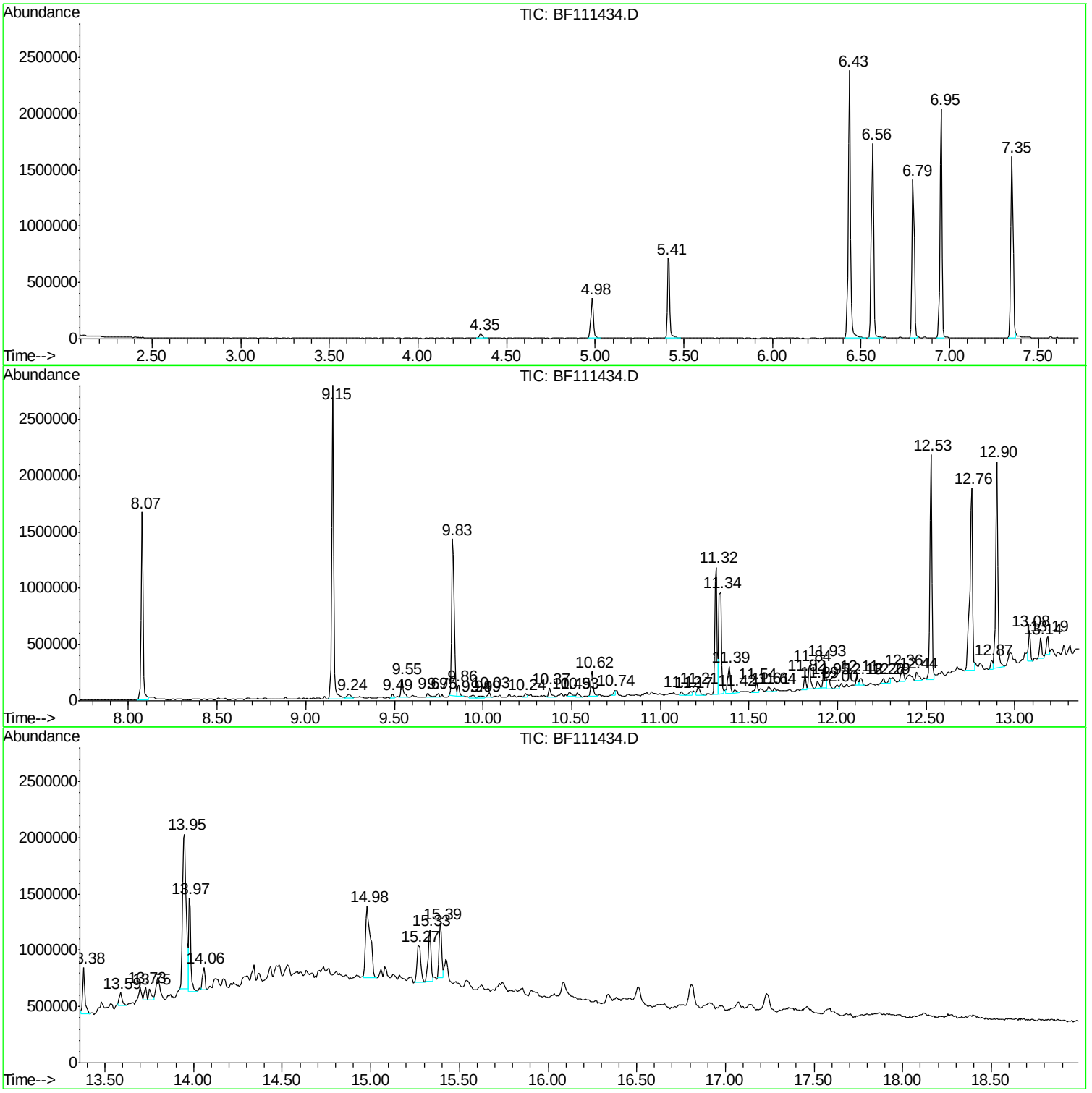
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111434.D
Acq On : 14 Dec 2018 22:20
Operator : JU/SJ
Sample : J6371-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB07-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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\BF121418\
Data File : BF111434.D
Acq On : 14 Dec 2018 22:20
Operator : JU/SJ
Sample : J6371-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB07-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

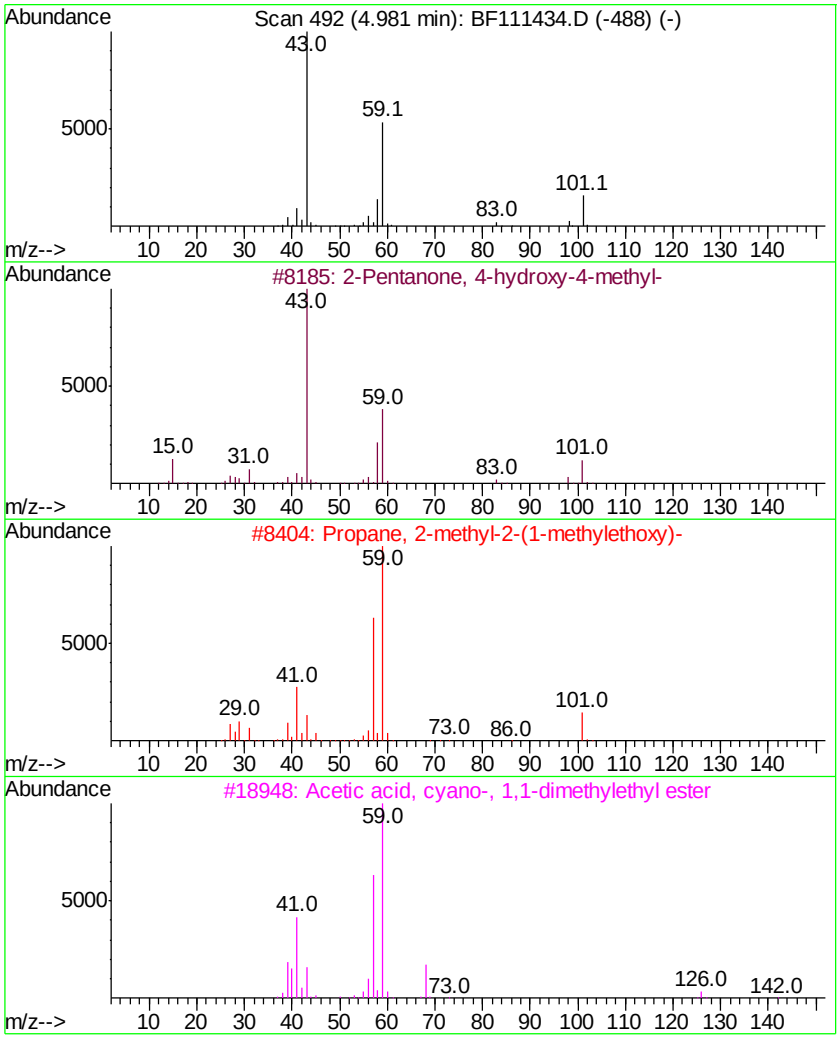
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

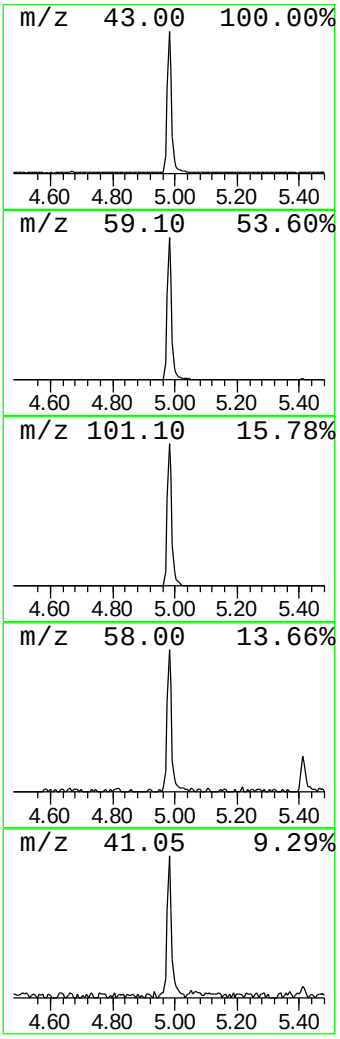
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	6.53 ng	361789	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111434.D
Acq On : 14 Dec 2018 22:20
Operator : JU/SJ
Sample : J6371-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB07-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

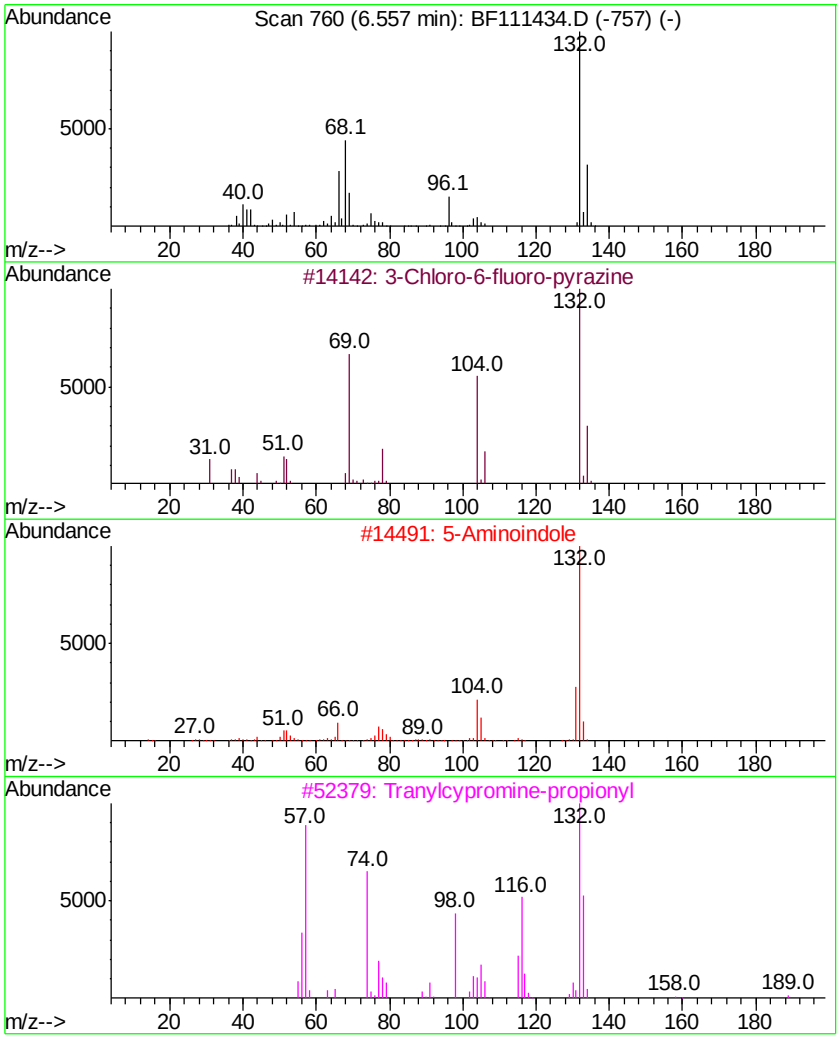
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

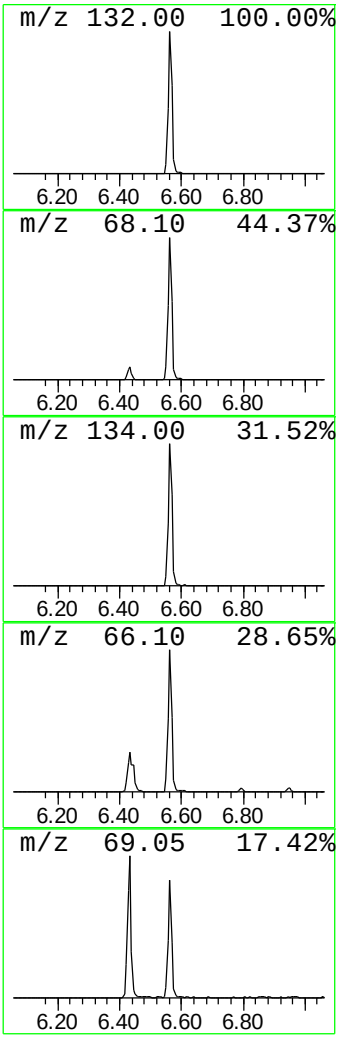
****

Peak Number 2 unknown6.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	25.16 ng	1393440	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111434.D
Acq On : 14 Dec 2018 22:20
Operator : JU/SJ
Sample : J6371-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB07-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

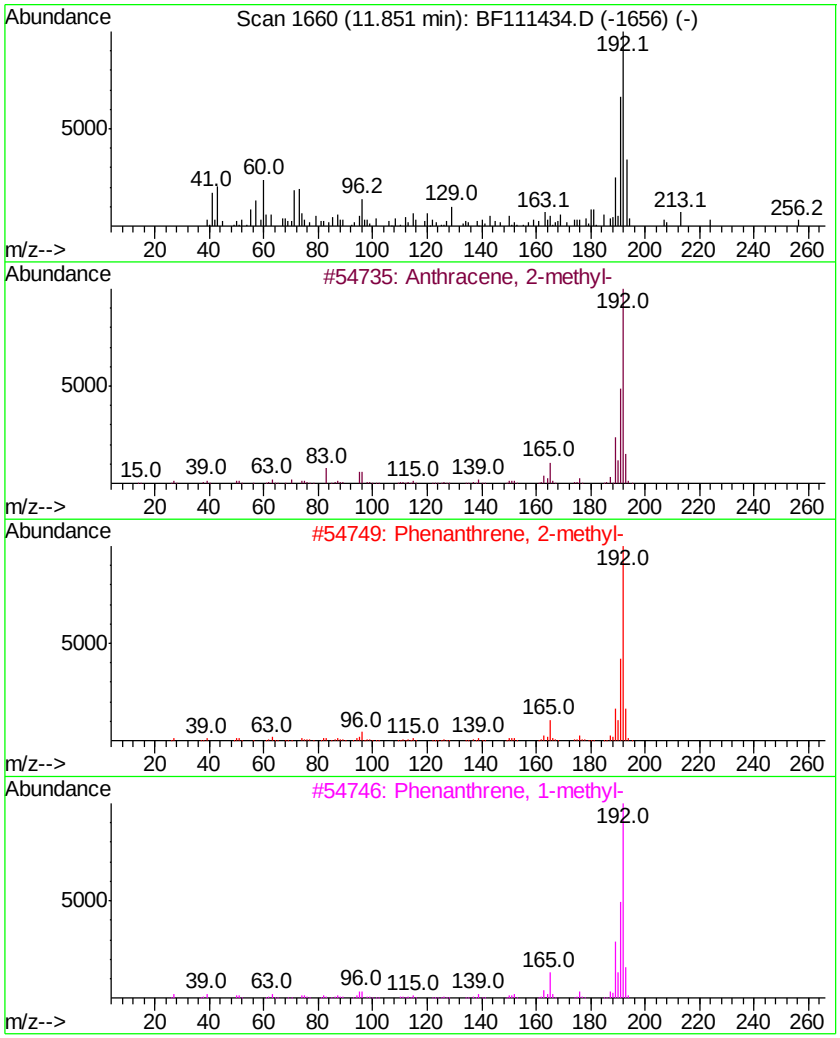
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

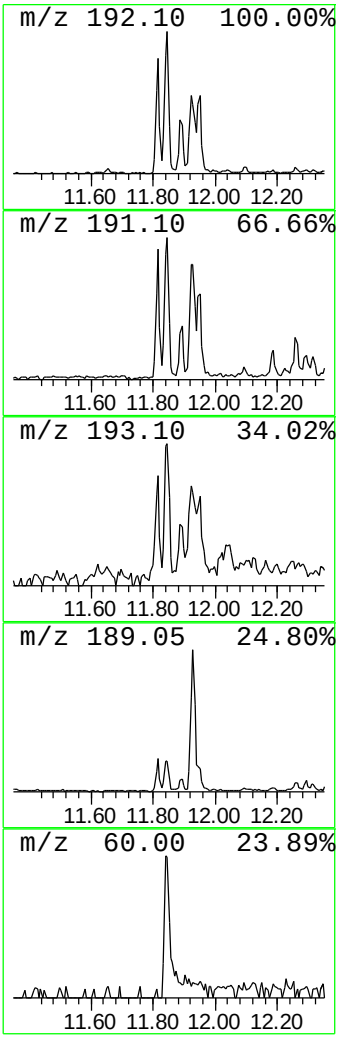
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	3.46 ng	195135	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111434.D
Acq On : 14 Dec 2018 22:20
Operator : JU/SJ
Sample : J6371-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB07-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

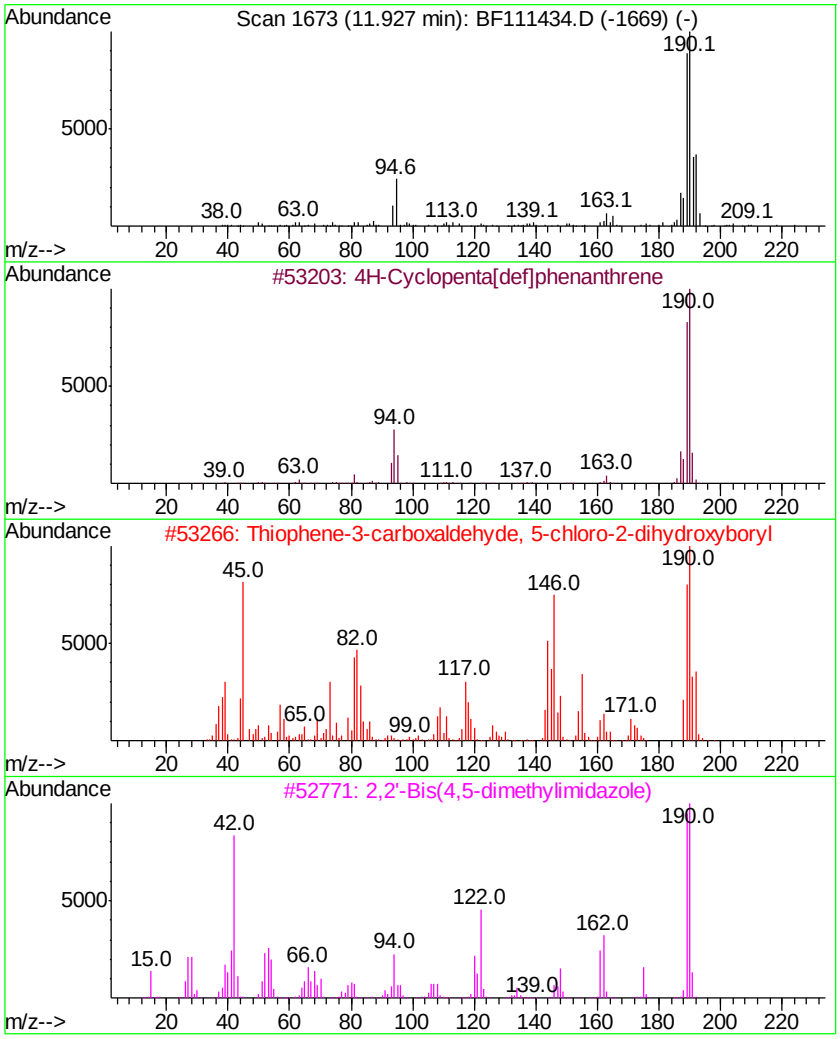
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

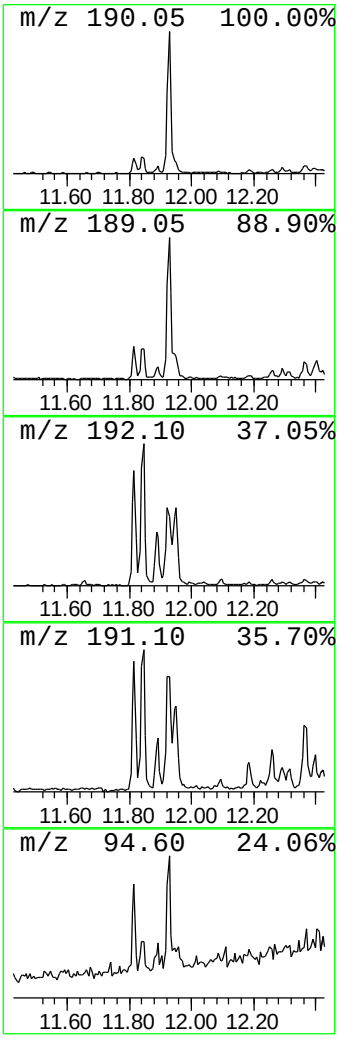
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	4.50 ng	253628	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	33
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	33





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111434.D
Acq On : 14 Dec 2018 22:20
Operator : JU/SJ
Sample : J6371-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB07-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

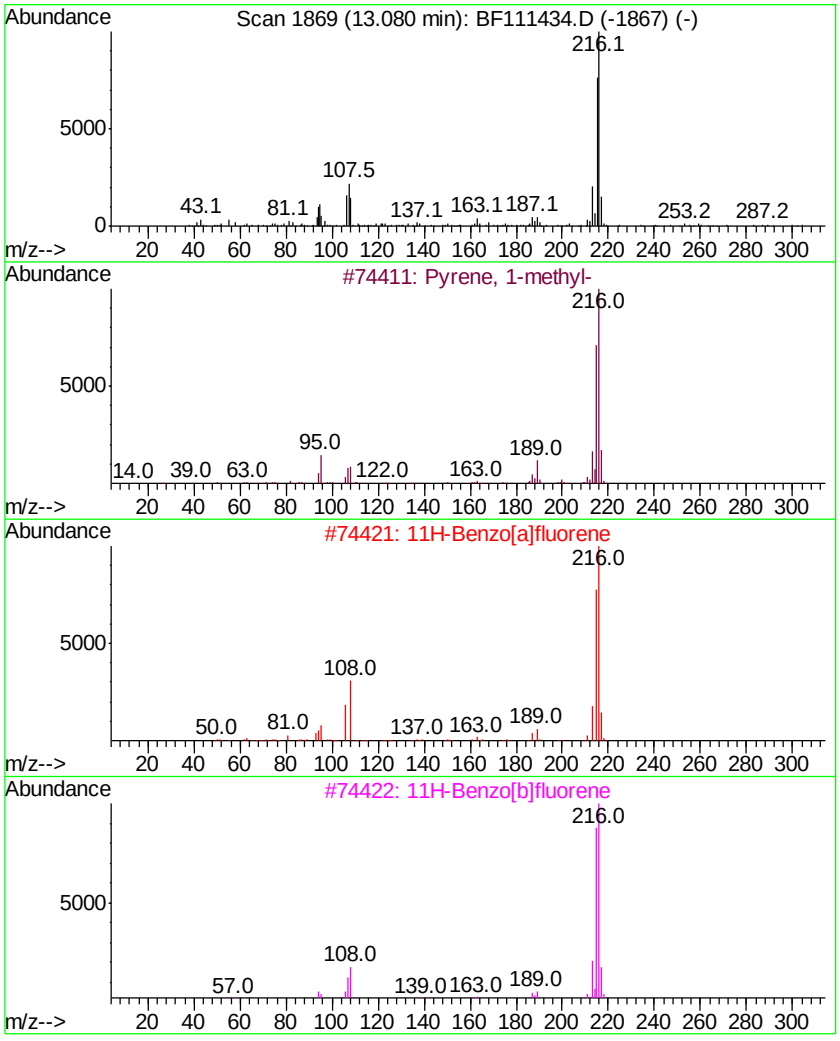
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

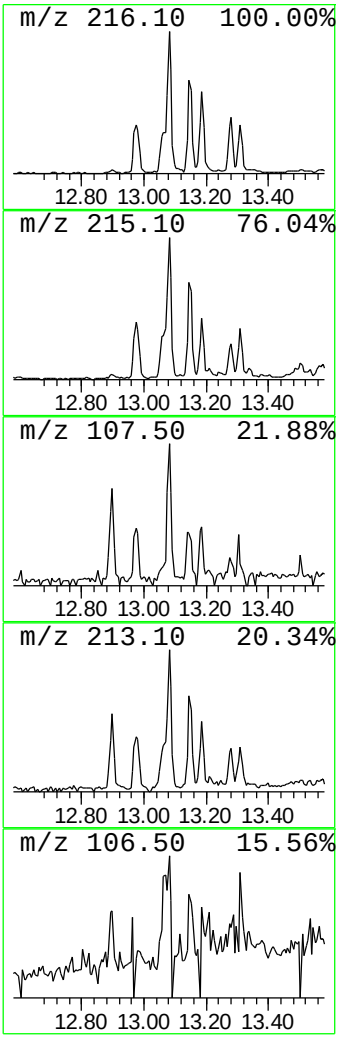
****

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	2.17 ng	221825	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111434.D
Acq On : 14 Dec 2018 22:20
Operator : JU/SJ
Sample : J6371-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB07-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

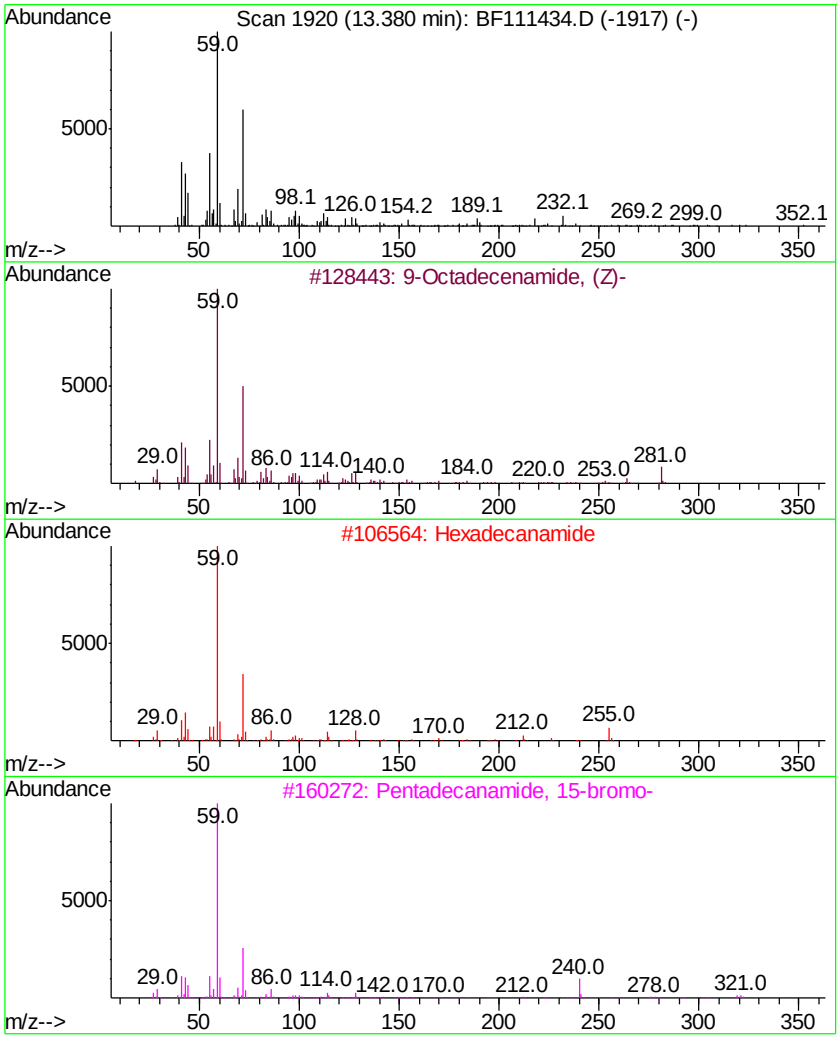
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

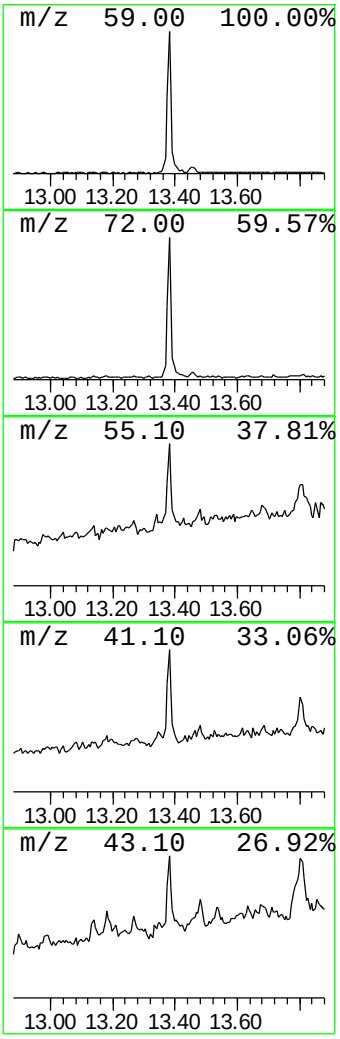
****

Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	3.69 ng	376321	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
2	Hexadecanamide	255	C16H33NO	000629-54-9	64
3	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	53
4	Nonanamide	157	C9H19NO	001120-07-6	53
5	Undecanamide, 11-bromo-	263	C11H22BrNO	005875-26-3	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111434.D
Acq On : 14 Dec 2018 22:20
Operator : JU/SJ
Sample : J6371-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB07-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

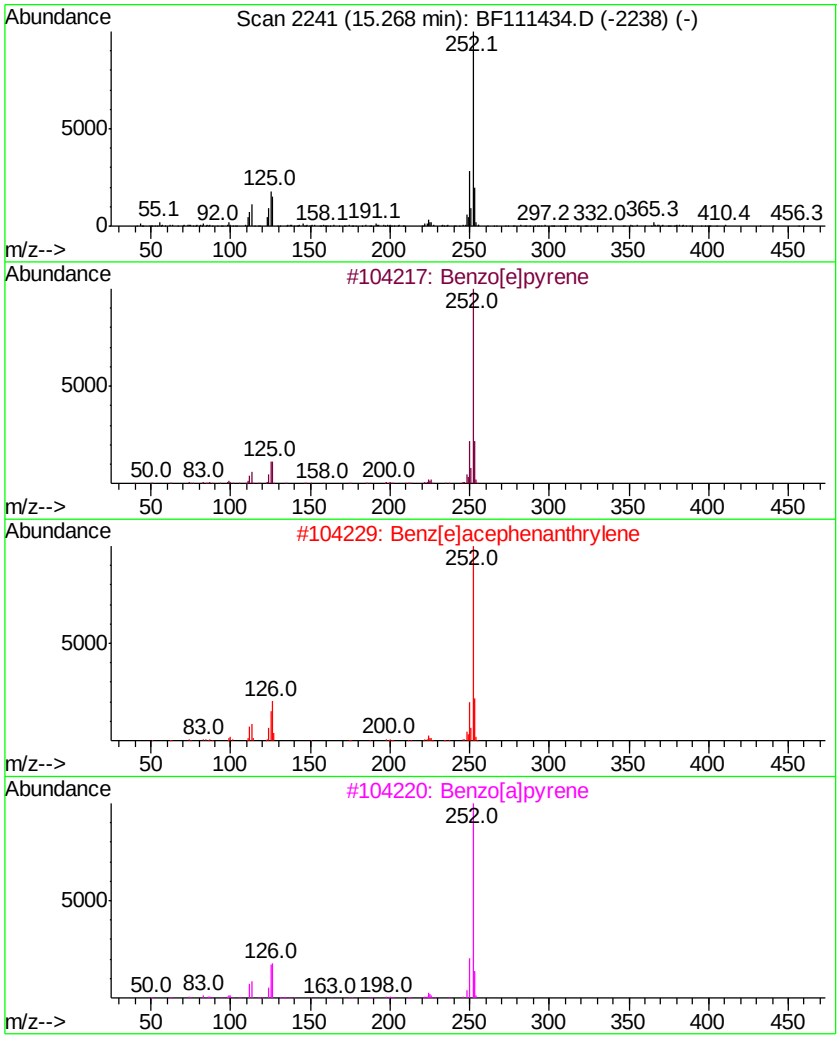
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

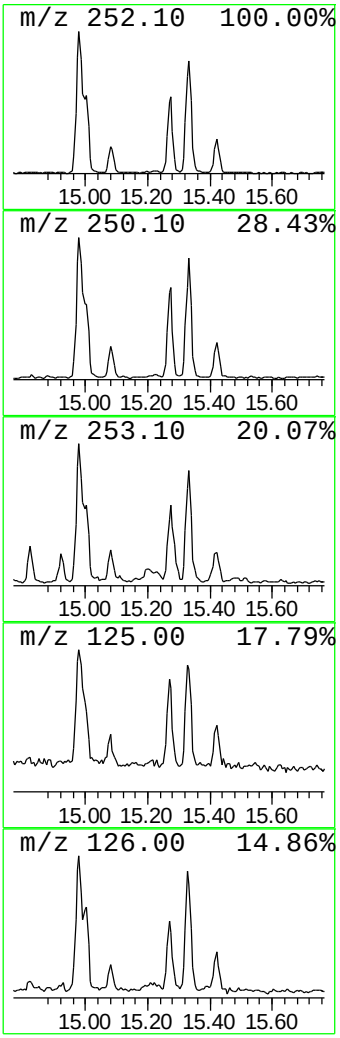
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	15.32 ng	427304	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121418\
Data File : BF111434.D
Acq On : 14 Dec 2018 22:20
Operator : JU/SJ
Sample : J6371-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB07-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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
2-Pentanone, 4-hy...	4.98	6.5	ng	361789	1	6.79	1107510	20.0
unknown6.56	6.56	25.2	ng	1393440	1	6.79	1107510	20.0
Anthracene, 2-met...	11.85	3.5	ng	195135	4	11.32	1127450	20.0
4H-Cyclopenta[def...	11.93	4.5	ng	253628	4	11.32	1127450	20.0
Pyrene, 1-methyl-	13.08	2.2	ng	221825	5	13.95	2040660	20.0
9-Octadecenamide,...	13.38	3.7	ng	376321	5	13.95	2040660	20.0
Benzo[e]pyrene	15.27	15.3	ng	427304	6	15.39	557936	20.0