LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111477.D
Acq On : 15 Dec 2018 19:11
Operator : JU/SJ
Sample : J6371-02 2X
Misc :
ALS Vial : 21 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	4.357	382	386	391	rBV	41420	52631	2.31%	0.177%
2	4.981	489	492	508	rVB	281183	308803	13.57%	1.037%
3	5.416	562	566	584	rBV	885276	879425	38.63%	2.954%
4	6.434	735	739	751	rBV	2520067	2276449	100.00%	7.646%
5	6.563	757	761	772	rVB	1785023	1510730	66.36%	5.074%
6	6.792	796	800	809	rBV	1326987	1085021	47.66%	3.644%
7	6.951	823	827	830	rBV	2053652	1648259	72.40%	5.536%
8	7.351	891	895	907	rBV	1508105	1303294	57.25%	4.377%
9	8.075	1014	1018	1028	rBV	1606148	1381920	60.71%	4.641%
10	9.151	1197	1201	1213	rBV	2639646	2158882	94.84%	7.251%
11	9.239	1213	1216	1221	rVB3	30589	46460	2.04%	0.156%
12	9.422	1239	1247	1252	rBV8	14769	37862	1.66%	0.127%
13	9.492	1256	1259	1261	rBV	33175	32498	1.43%	0.109%
14	9.545	1265	1268	1273	rBV	154653	166246	7.30%	0.558%
15	9.692	1290	1293	1297	rBV	34515	44163	1.94%	0.148%
16	9.828	1313	1316	1320	rBV	1278116	1217228	53.47%	4.088%
17	9.863	1320	1322	1332	rVB	105348	118292	5.20%	0.397%
18	10.033	1347	1351	1354	rBV2	39746	36928	1.62%	0.124%
19	10.239	1383	1386	1389	rBV3	21065	25626	1.13%	0.086%
20	10.375	1406	1409	1412	rBV2	72119	70164	3.08%	0.236%
21	10.439	1416	1420	1422	rVV4	26059	33546	1.47%	0.113%
22	10.492	1426	1429	1433	rVV2	40890	54648	2.40%	0.184%
23	10.533	1433	1436	1441	rVB3	25350	39598	1.74%	0.133%
24	10.616	1446	1450	1455	rBV	271291	265735	11.67%	0.893%
25	10.751	1469	1473	1478	rVB2	58881	91027	4.00%	0.306%
26	10.822	1481	1485	1490	rBV5	18580	31489	1.38%	0.106%
27	10.927	1498	1503	1505	rBV6	21922	28501	1.25%	0.096%
28	10.957	1505	1508	1513	rVB4	22825	33441	1.47%	0.112%
29	11.122	1533	1536	1539	rVB2	27523	32287	1.42%	0.108%
30	11.175	1540	1545	1546	rVV5	24051	39765	1.75%	0.134%
31	11.216	1549	1552	1557	rVB3	64716	88475	3.89%	0.297%
32	11.316	1565	1569	1571	rBV	1029444	1039064	45.64%	3.490%
33	11.339	1571	1573	1576	rVV	921929	721184	31.68%	2.422%
34	11.386	1578	1581	1585	rVV	217606	200900	8.83%	0.675%

LSC Area Percent Report

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Data File : BF111477.D
Acq On : 15 Dec 2018 19:11
Operator : JU/SJ
Sample : J6371-02 2X
Misc :
ALS Vial : 21 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	11.422	1585	1587	1591	rVV3	25027	29164	1.28%	0.098%
36	11.545	1603	1608	1610	rBV	75110	86966	3.82%	0.292%
37	11.610	1617	1619	1622	rVB3	43036	36657	1.61%	0.123%
38	11.645	1622	1625	1627	rBV	35515	31595	1.39%	0.106%
39	11.769	1644	1646	1650	rBV4	21086	29090	1.28%	0.098%
40	11.816	1651	1654	1656	rVV	134113	120353	5.29%	0.404%
41	11.845	1656	1659	1663	rVV	205811	214910	9.44%	0.722%
42	11.892	1664	1667	1669	rVV	72407	72467	3.18%	0.243%
43	11.927	1669	1673	1675	rVV	229664	245868	10.80%	0.826%
44	11.951	1675	1677	1682	rVB	96470	89552	3.93%	0.301%
45	11.998	1682	1685	1687	rBV4	33264	34888	1.53%	0.117%
46	12.110	1702	1704	1706	rBV	92636	80143	3.52%	0.269%
47	12.133	1706	1708	1713	rVB4	68601	67893	2.98%	0.228%
48	12.292	1733	1735	1737	rBV	31595	35523	1.56%	0.119%
49	12.363	1745	1747	1751	rBV	83147	84509	3.71%	0.284%
50	12.404	1752	1754	1759	rVB5	70913	91734	4.03%	0.308%
51	12.451	1759	1762	1766	rBV3	83147	106799	4.69%	0.359%
52	12.527	1771	1775	1778	rBV	1916339	1658032	72.83%	5.569%
53	12.757	1808	1814	1817	rBV	1651980	1701534	74.75%	5.715%
54	12.874	1832	1834	1835	rBV	63709	44844	1.97%	0.151%
55	12.898	1835	1838	1846	rVB	1772035	1561833	68.61%	5.246%
56	13.057	1863	1865	1866	rBV	64722	52952	2.33%	0.178%
57	13.080	1867	1869	1873	rVB	228536	216085	9.49%	0.726%
58	13.151	1878	1881	1883	rBV	161990	151384	6.65%	0.508%
59	13.186	1884	1887	1889	rBV	176869	178031	7.82%	0.598%
60	13.380	1917	1920	1927	rVB	406543	371210	16.31%	1.247%
61	13.751	1981	1983	1987	rBV2	82757	101221	4.45%	0.340%
62	13.951	2012	2017	2020	rBV2	1329137	1892506	83.13%	6.356%
63	13.980	2020	2022	2028	rVB	823057	695558	30.55%	2.336%
64	14.057	2033	2035	2039	rVB	162821	148672	6.53%	0.499%
65	14.980	2189	2192	2201	rVB	557328	1051104	46.17%	3.530%
66	15.274	2239	2242	2247	rVB	300265	369107	16.21%	1.240%
67	15.333	2249	2252	2259	rVB	419188	494974	21.74%	1.662%
68	15.392	2259	2262	2265	rBV	425350	526218	23.12%	1.767%

Sum of corrected areas: 29773917

LSC Report - Integrated Chromatogram

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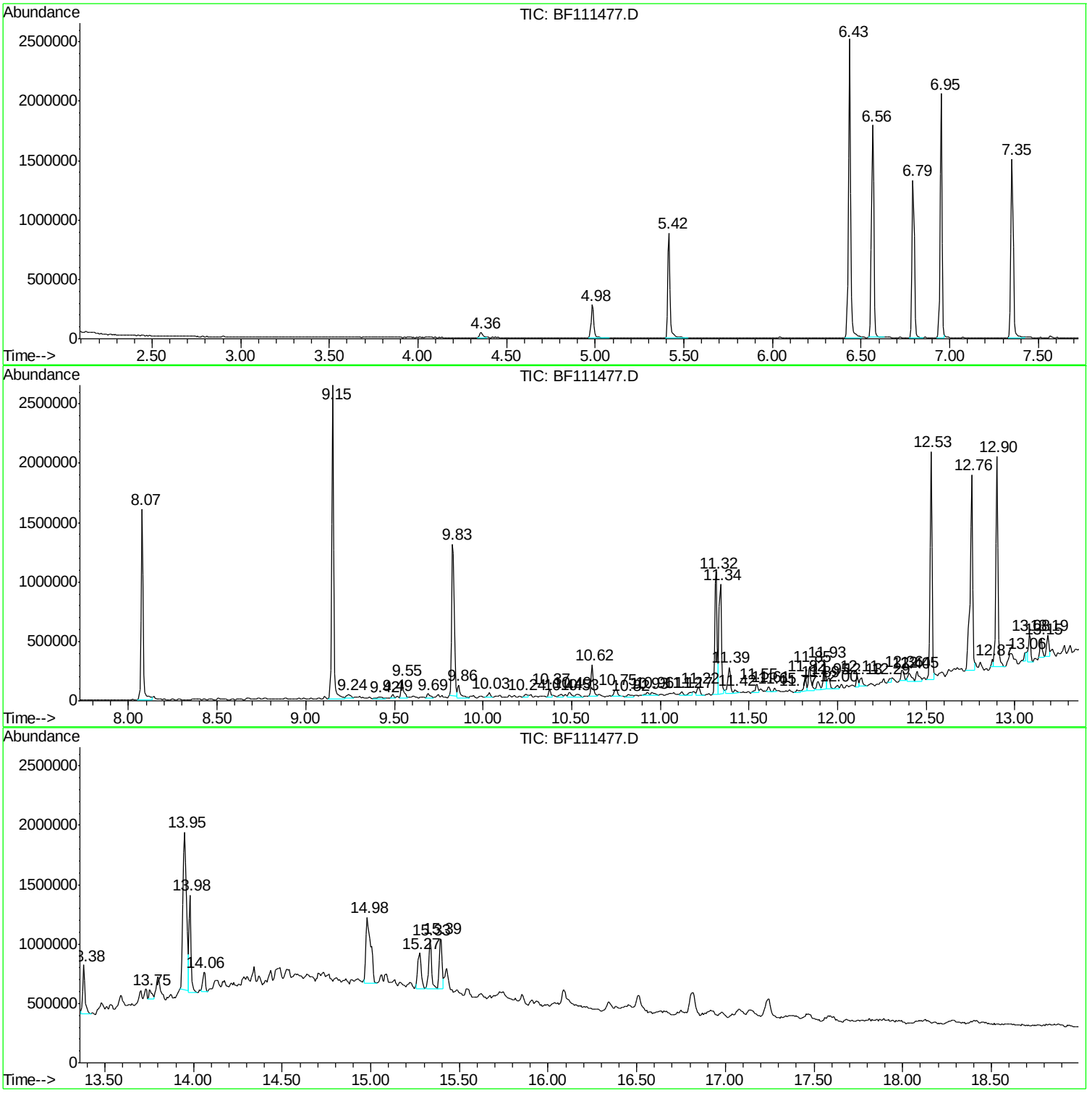
Operator : JU/SJ
Sample : J6371-02 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
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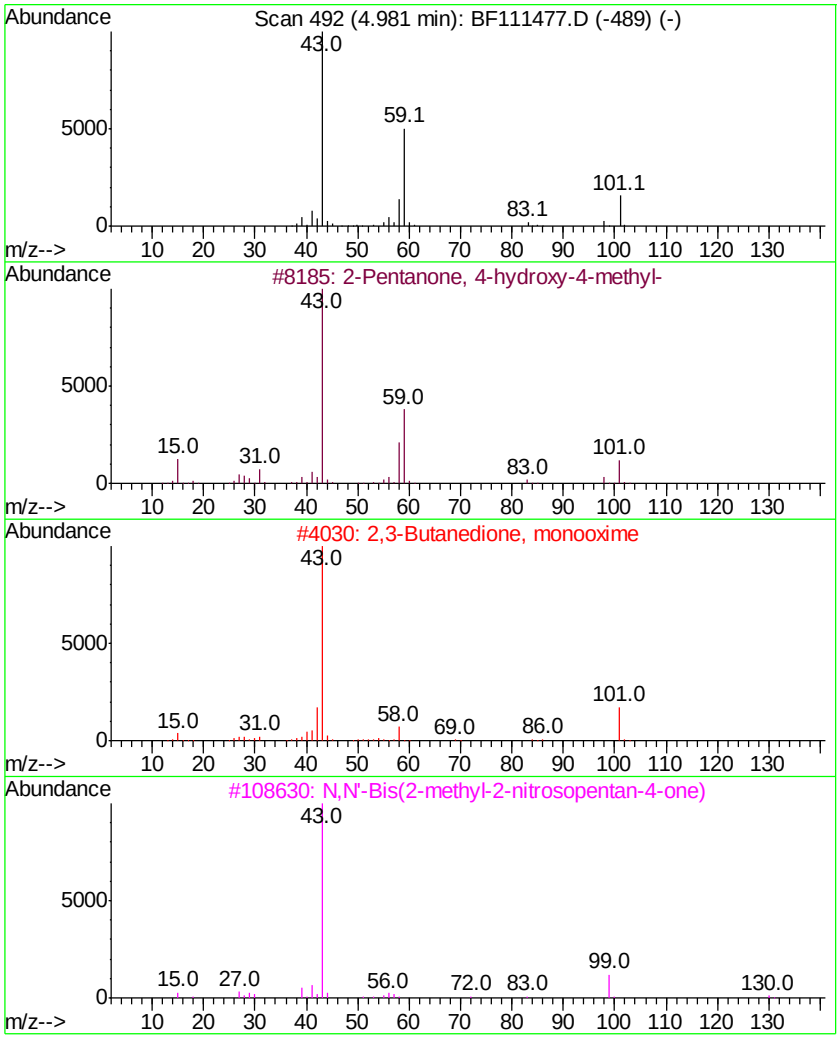
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

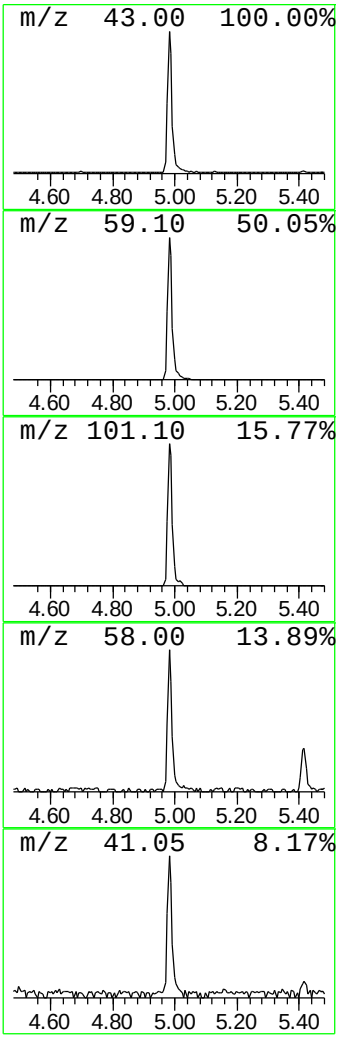
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	5.69 ng	308803	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	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	9
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111477.D
Acq On : 15 Dec 2018 19:11
Operator : JU/SJ
Sample : J6371-02 2X
Misc :
ALS Vial : 21 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

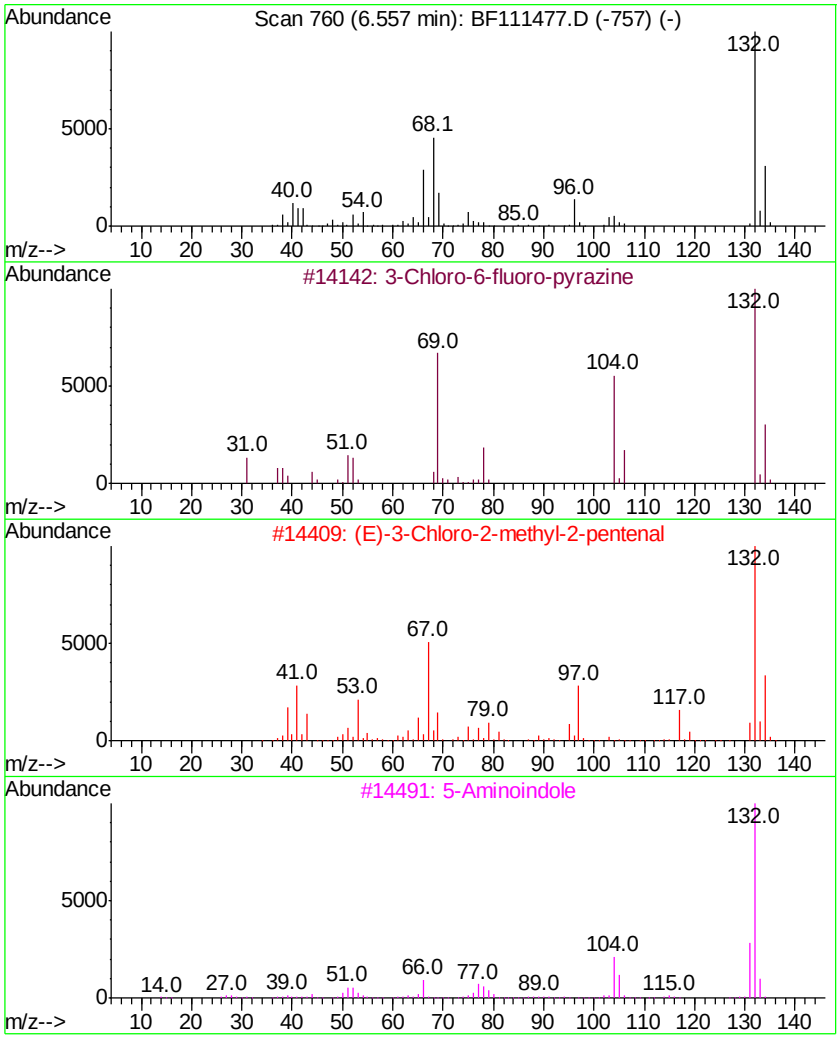
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

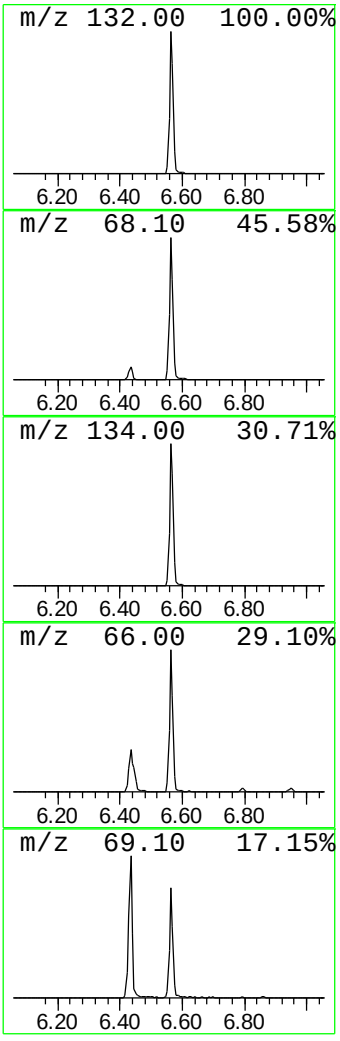
****

Peak Number 2 unknown6.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	27.85 ng	1510730	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111477.D
Acq On : 15 Dec 2018 19:11
Operator : JU/SJ
Sample : J6371-02 2X
Misc :
ALS Vial : 21 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

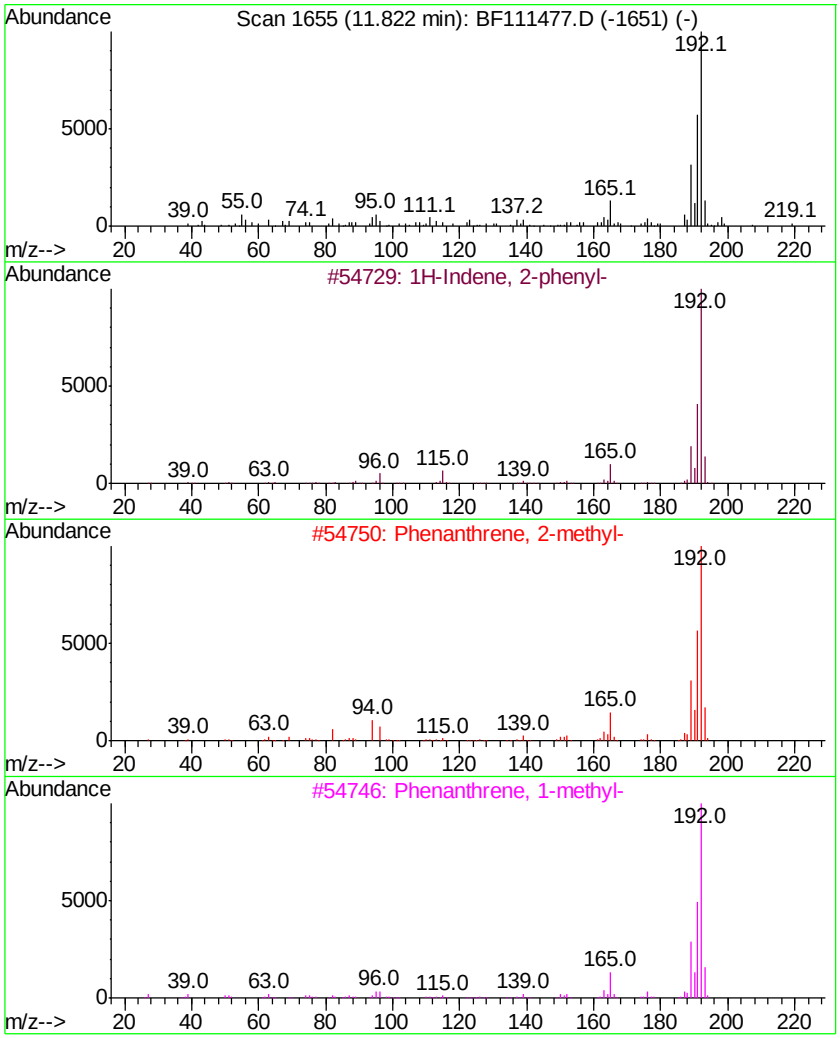
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

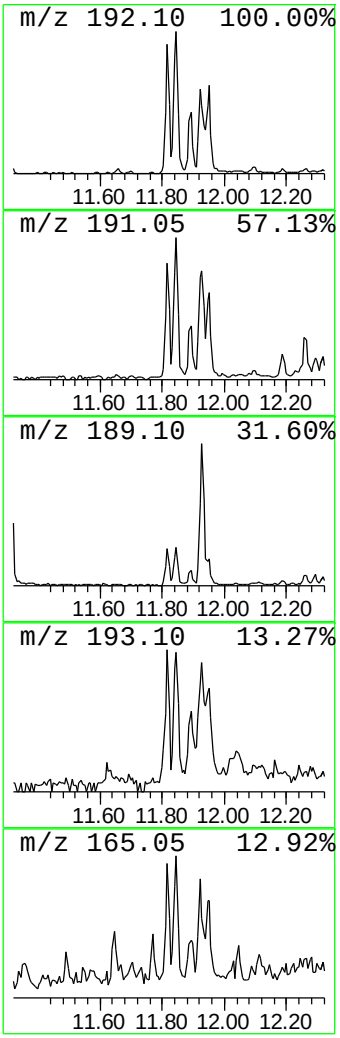
****

Peak Number 4 1H-Indene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.32 ng	120353	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Library Search Compound Report

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Data File : BF111477.D
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Misc :
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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

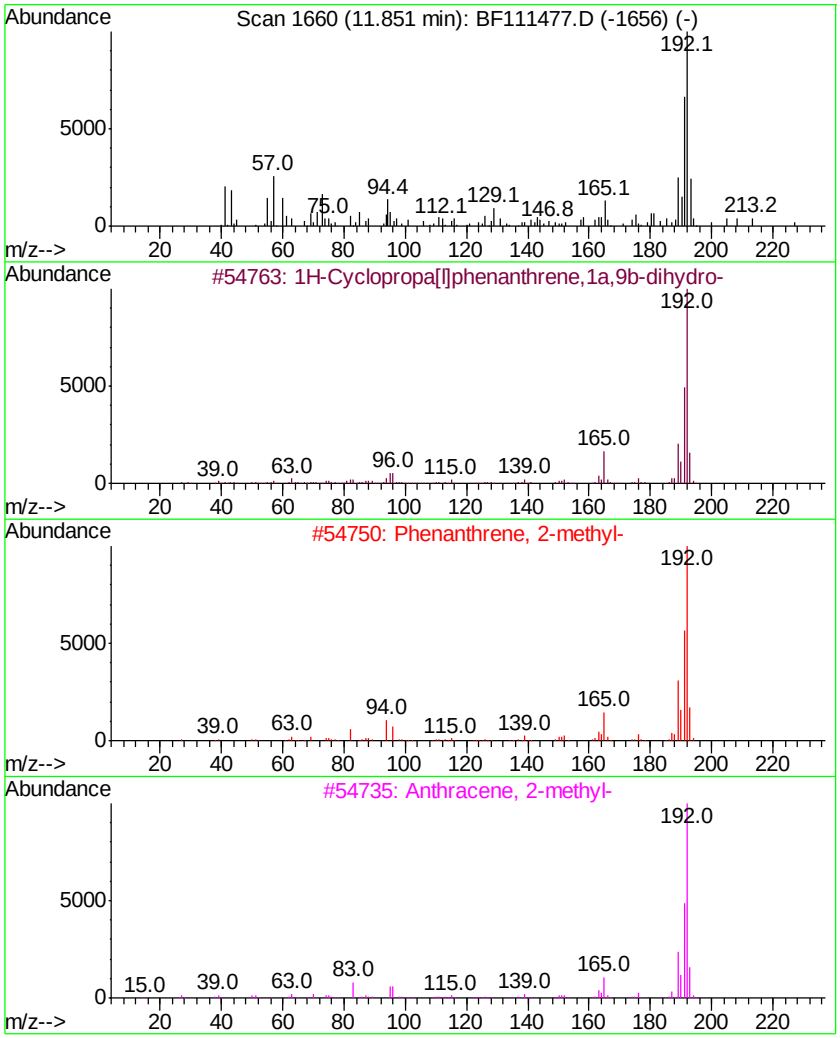
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

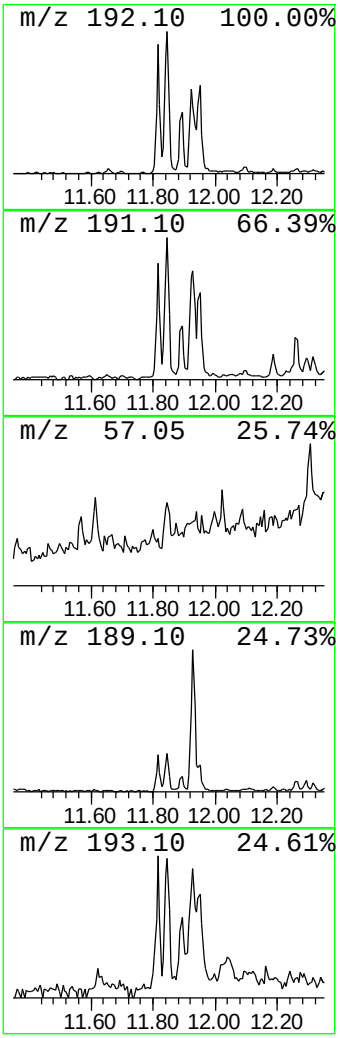
****

Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	4.14 ng	214910	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92





Library Search Compound Report

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Sample : J6371-02 2X
Misc :
ALS Vial : 21 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

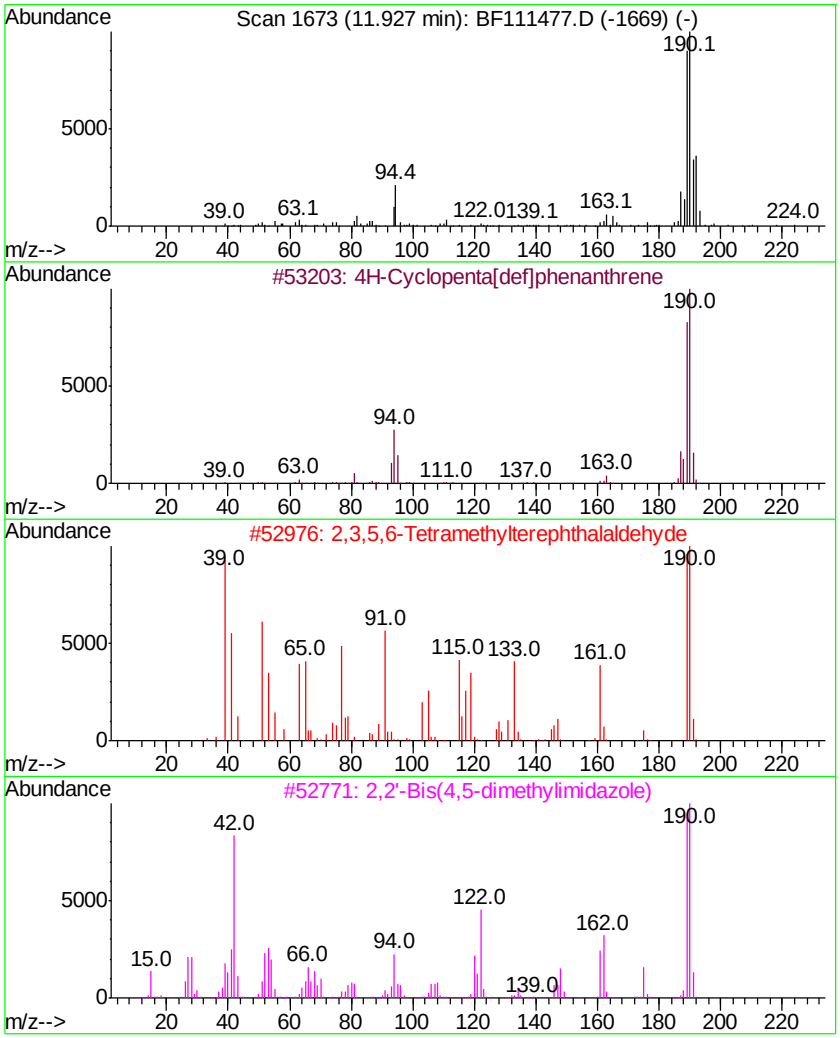
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

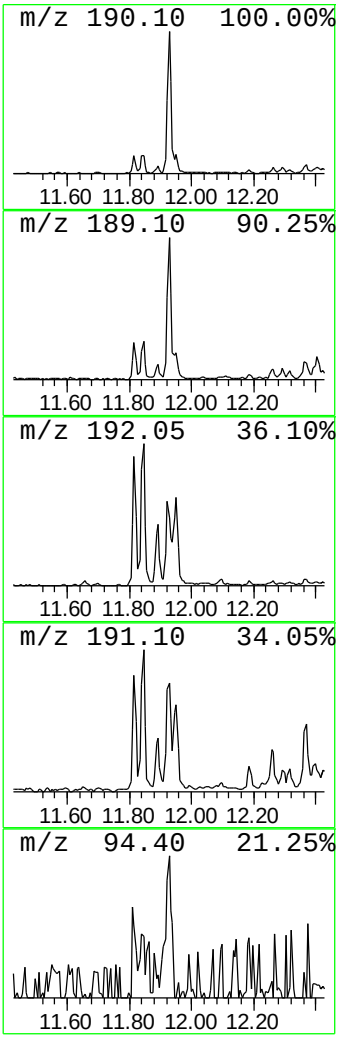
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	4.73 ng	245868	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	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

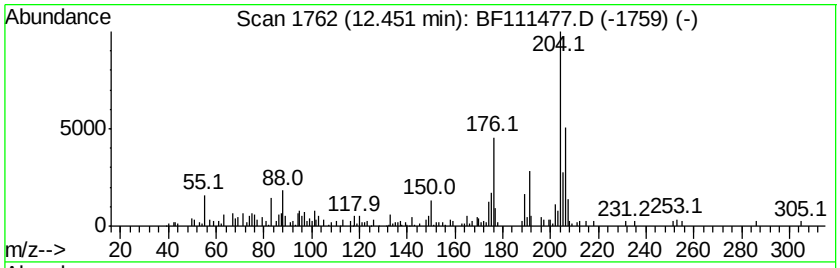
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

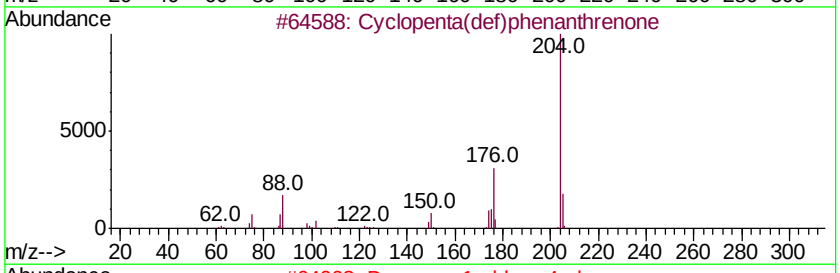
****

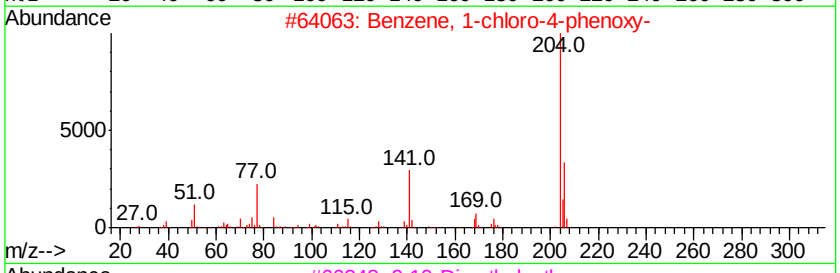
Peak Number 7 unknown12.45 Concentration Rank 10

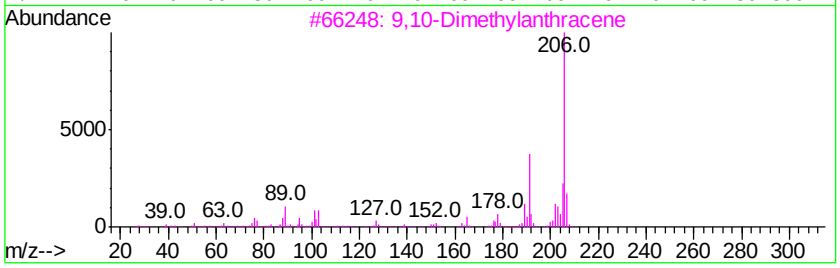
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	2.06 ng	106799	Phenanthrene-d10	11.32

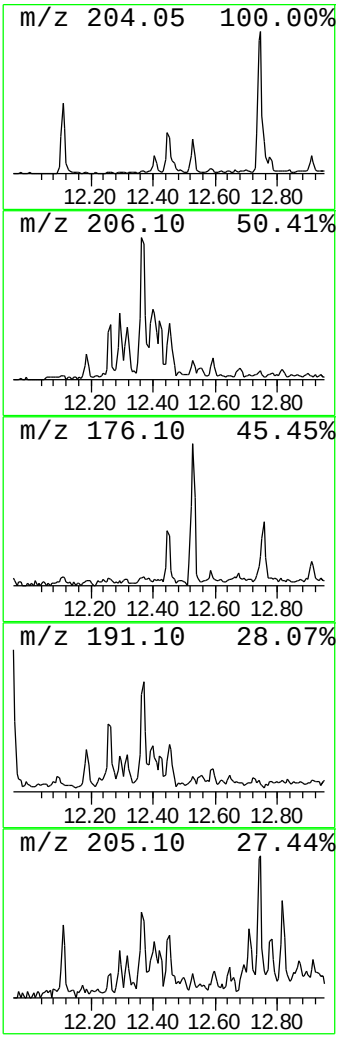
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	46
2	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	46
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	42
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	38











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Misc :
ALS Vial : 21 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

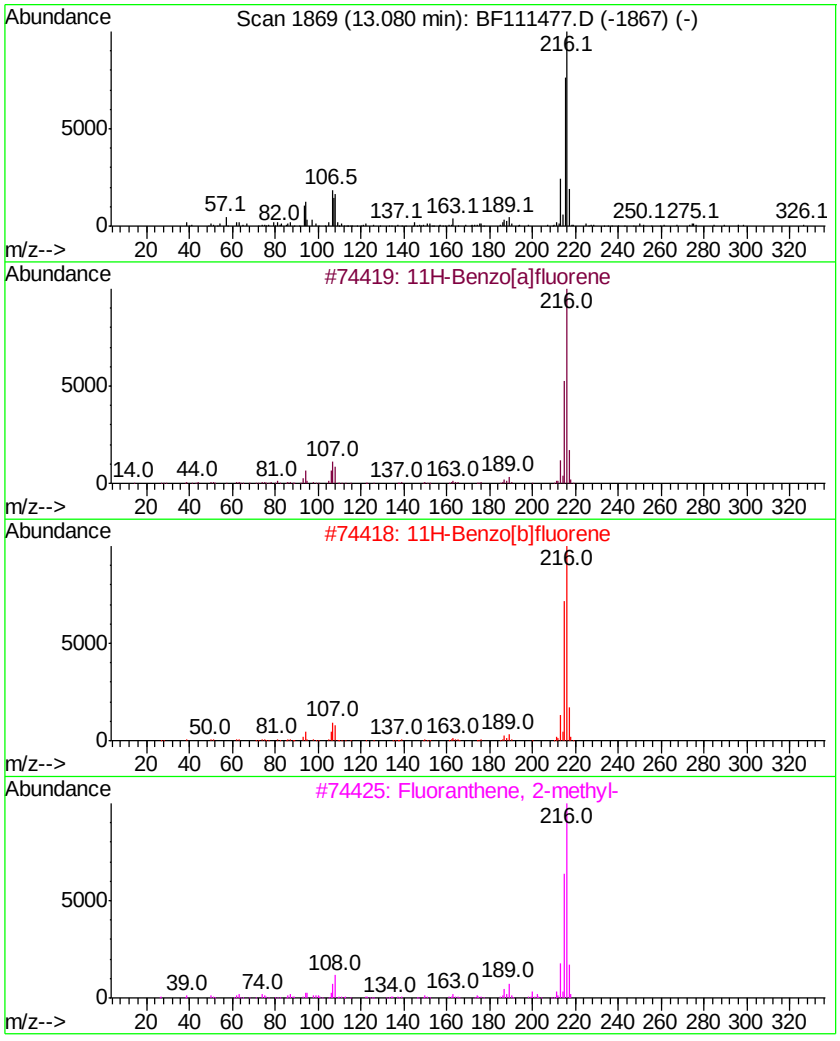
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

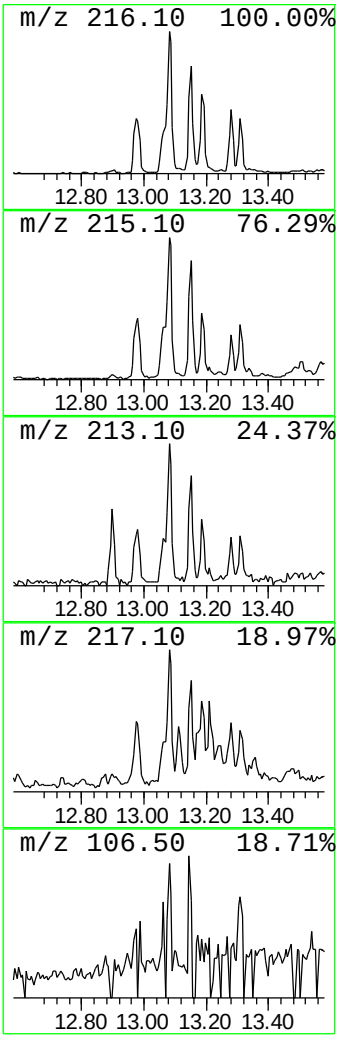
****

Peak Number 8 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	2.28 ng	216085	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111477.D
Acq On : 15 Dec 2018 19:11
Operator : JU/SJ
Sample : J6371-02 2X
Misc :
ALS Vial : 21 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

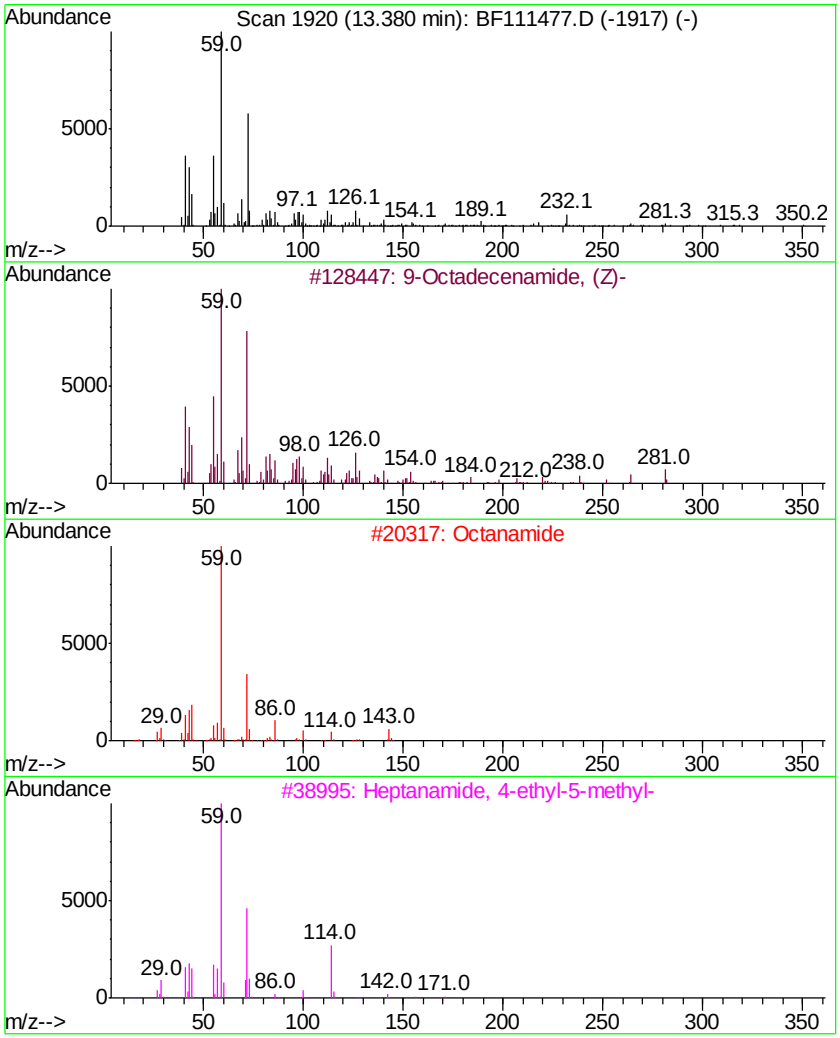
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

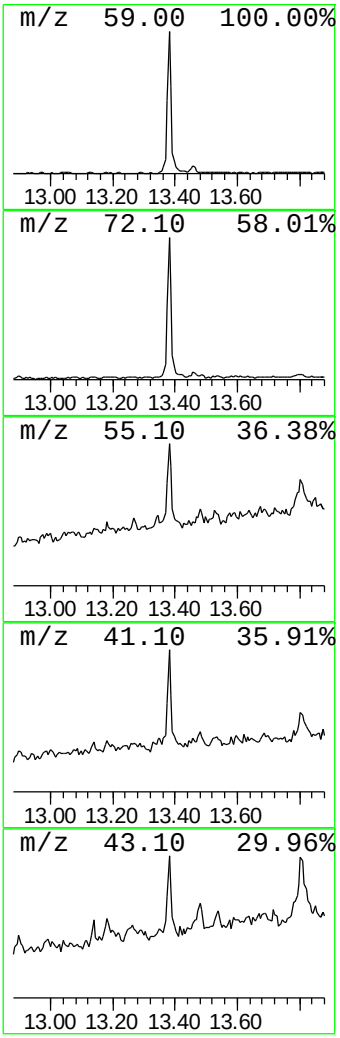
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	3.92 ng	371210	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95
2	Octanamide	143	C8H17NO	000629-01-6	72
3	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	64
4	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	59
5	Hexadecanamide	255	C16H33NO	000629-54-9	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121518\
Data File : BF111477.D
Acq On : 15 Dec 2018 19:11
Operator : JU/SJ
Sample : J6371-02 2X
Misc :
ALS Vial : 21 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	5.7	ng	308803	1	6.79	1085020	20.0
unknown6.56	6.56	27.9	ng	1510730	1	6.79	1085020	20.0
1H-Indene, 2-phenyl-	11.82	2.3	ng	120353	4	11.32	1039060	20.0
1H-Cyclopropa[l]p...	11.85	4.1	ng	214910	4	11.32	1039060	20.0
4H-Cyclopenta[def...	11.93	4.7	ng	245868	4	11.32	1039060	20.0
unknown12.45	12.45	2.1	ng	106799	4	11.32	1039060	20.0
11H-Benzo[a]fluorene	13.08	2.3	ng	216085	5	13.96	1892510	20.0
9-Octadecenamide,...	13.38	3.9	ng	371210	5	13.96	1892510	20.0