LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092820\
Data File : BF121709.D
Acq On : 28 Sep 2020 13:35
Operator : JU/CG
Sample : L4136-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B26-092420-0-10

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-BF091020.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	5.016	494	498	505	rBV	34086	46823	1.26%	0.136%
2	5.416	561	566	569	rBV	3185496	2949622	79.22%	8.572%
3	6.434	734	739	742	rBV	2943466	3018571	81.07%	8.772%
4	6.628	769	772	786	rBV	32850	49034	1.32%	0.143%
5	6.792	796	800	804	rBV	1122143	886987	23.82%	2.578%
6	7.357	891	896	899	rBV	2196665	2136861	57.39%	6.210%
7	8.075	1014	1018	1027	rBV	1277202	1196765	32.14%	3.478%
8	9.151	1196	1201	1204	rBV	3927929	3723314	100.00%	10.821%
9	9.545	1264	1268	1275	rVB	348850	284242	7.63%	0.826%
10	9.827	1310	1316	1319	rBV	1586882	1364149	36.64%	3.964%
11	9.857	1319	1321	1325	rVB	88178	81651	2.19%	0.237%
12	10.033	1347	1351	1355	rBV	45868	46947	1.26%	0.136%
13	10.374	1406	1409	1415	rBV	74173	66516	1.79%	0.193%
14	10.616	1444	1450	1454	rBV	2464139	2367033	63.57%	6.879%
15	10.727	1465	1469	1478	rVB3	55851	101155	2.72%	0.294%
16	10.922	1496	1502	1505	rBV3	28050	43115	1.16%	0.125%
17	11.180	1539	1546	1548	rBV3	33765	67491	1.81%	0.196%
18	11.210	1548	1551	1557	rVB	87136	88728	2.38%	0.258%
19	11.310	1564	1568	1571	rBV	1456396	1483210	39.84%	4.310%
20	11.333	1571	1572	1576	rVV	772933	563933	15.15%	1.639%
21	11.386	1578	1581	1584	rVB	203349	171038	4.59%	0.497%
22	11.421	1584	1587	1590	rBV3	39959	40637	1.09%	0.118%
23	11.545	1602	1608	1610	rBV2	67175	96325	2.59%	0.280%
24	11.610	1616	1619	1622	rBV2	43502	41520	1.12%	0.121%
25	11.810	1651	1653	1656	rBV	82091	77664	2.09%	0.226%
26	11.845	1656	1659	1662	rBV2	250650	235118	6.31%	0.683%
27	11.886	1664	1666	1669	rVB	59031	45527	1.22%	0.132%
28	11.927	1669	1673	1675	rBV	167384	194246	5.22%	0.565%
29	12.110	1701	1704	1706	rBV	79289	60814	1.63%	0.177%
30	12.133	1706	1708	1711	rVB2	51857	42251	1.13%	0.123%
31	12.292	1732	1735	1737	rBV3	68381	70519	1.89%	0.205%
32	12.363	1744	1747	1750	rBV	68108	77286	2.08%	0.225%
33	12.404	1751	1754	1758	rVB4	78661	102976	2.77%	0.299%
34	12.445	1759	1761	1766	rVB2	64171	69947	1.88%	0.203%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092820\
Data File : BF121709.D
Acq On : 28 Sep 2020 13:35
Operator : JU/CG
Sample : L4136-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B26-092420-0-10

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-BF091020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.521	1771	1774	1778	rVV	1101832	998786	26.83%	2.903%
36	12.639	1791	1794	1799	rBV	349720	409742	11.00%	1.191%
37	12.716	1804	1807	1808	rBV	102743	88199	2.37%	0.256%
38	12.751	1808	1813	1816	rVV	1001834	989661	26.58%	2.876%
39	12.904	1834	1839	1842	rBV	3753625	3651454	98.07%	10.612%
40	13.080	1866	1869	1873	rVB	202035	197096	5.29%	0.573%
41	13.380	1917	1920	1925	rVB	627603	538991	14.48%	1.566%
42	13.804	1989	1992	2001	rVB2	396104	652095	17.51%	1.895%
43	13.951	2012	2017	2020	rBV2	1282837	1479026	39.72%	4.298%
44	13.974	2020	2021	2024	rVB	388366	232295	6.24%	0.675%
45	14.580	2122	2124	2126	rBV2	143556	106252	2.85%	0.309%
46	14.798	2159	2161	2164	rBV2	159443	154555	4.15%	0.449%
47	14.980	2189	2192	2199	rVB	408383	727972	19.55%	2.116%
48	15.274	2239	2242	2248	rVB	262978	327178	8.79%	0.951%
49	15.339	2249	2253	2259	rBV	361202	459542	12.34%	1.336%
50	15.398	2259	2263	2266	rBV	680943	864286	23.21%	2.512%
51	16.821	2502	2505	2512	rVB2	209813	362680	9.74%	1.054%
52	17.251	2575	2578	2585	rVB	160738	277650	7.46%	0.807%

Sum of corrected areas: 34409475

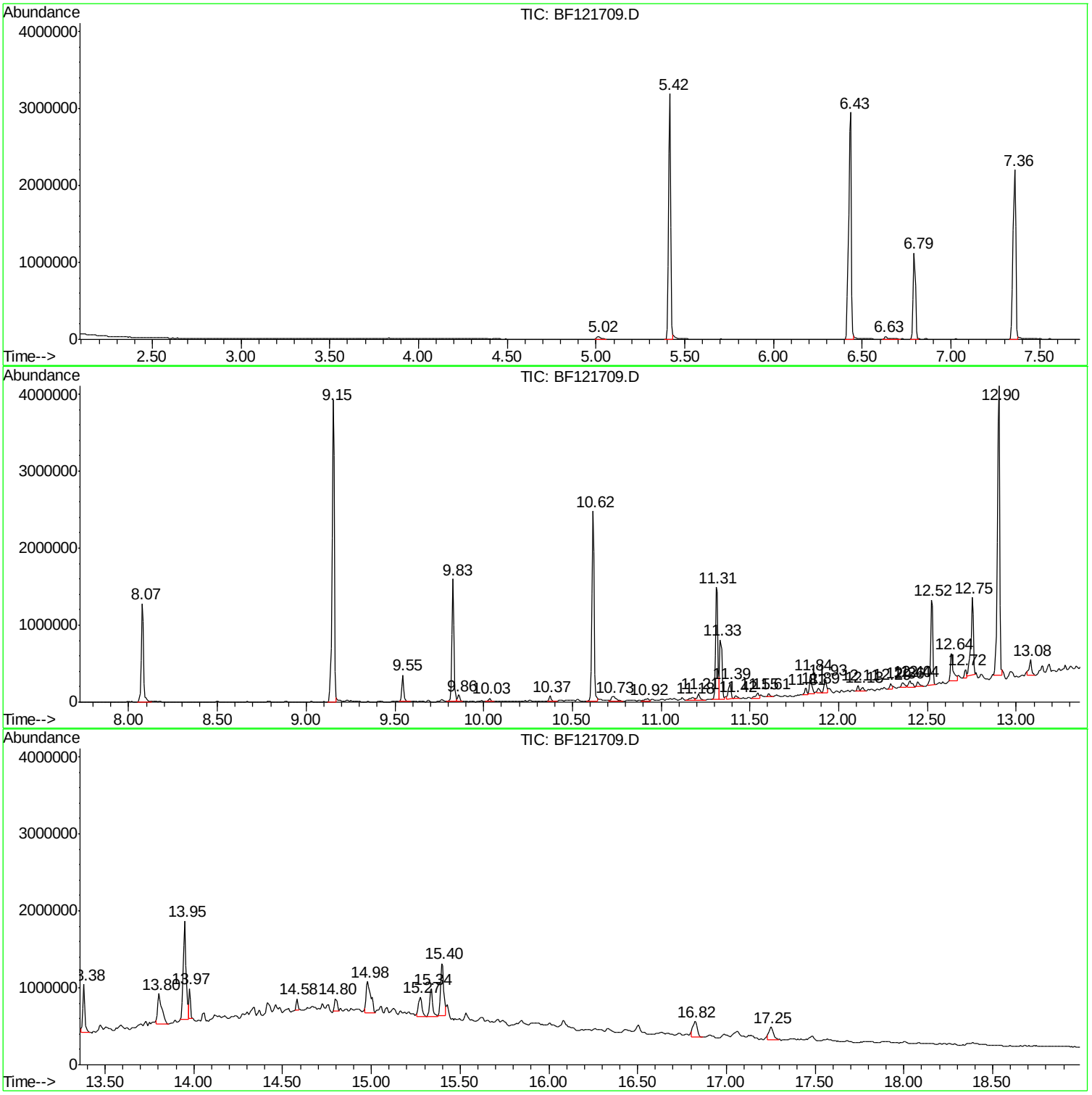
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092820\
Data File : BF121709.D
Acq On : 28 Sep 2020 13:35
Operator : JU/CG
Sample : L4136-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B26-092420-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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\BF092820\
Data File : BF121709.D
Acq On : 28 Sep 2020 13:35
Operator : JU/CG
Sample : L4136-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B26-092420-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

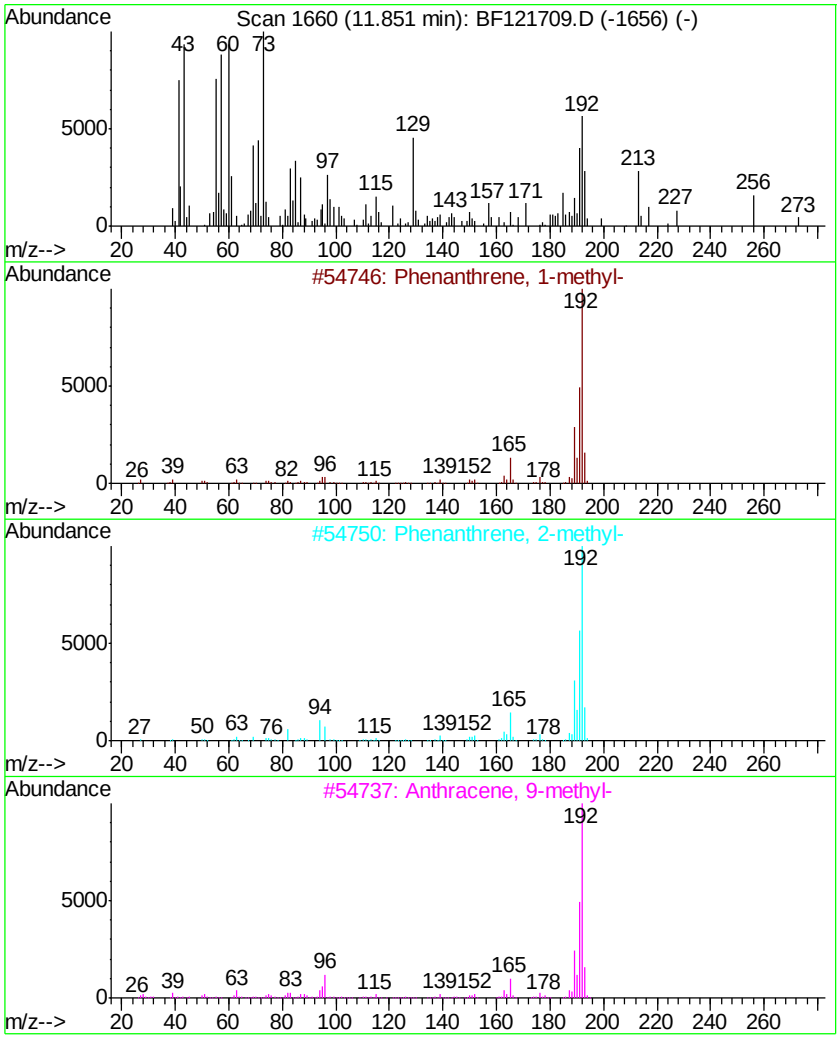
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

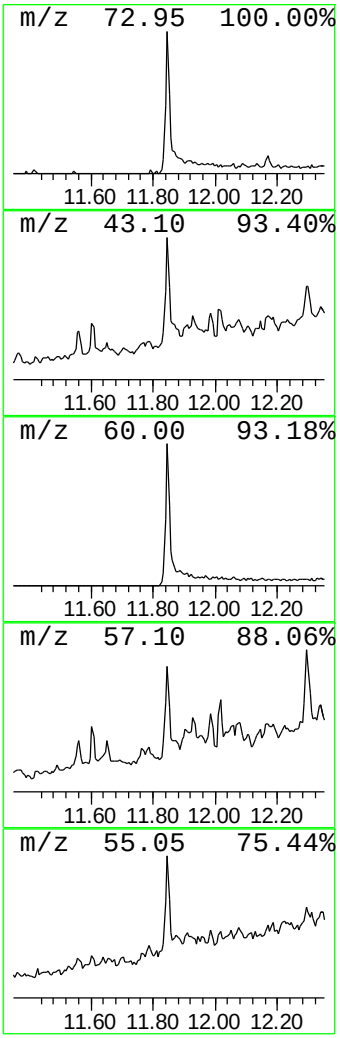
****

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	3.17 ng	235118	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092820\
Data File : BF121709.D
Acq On : 28 Sep 2020 13:35
Operator : JU/CG
Sample : L4136-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B26-092420-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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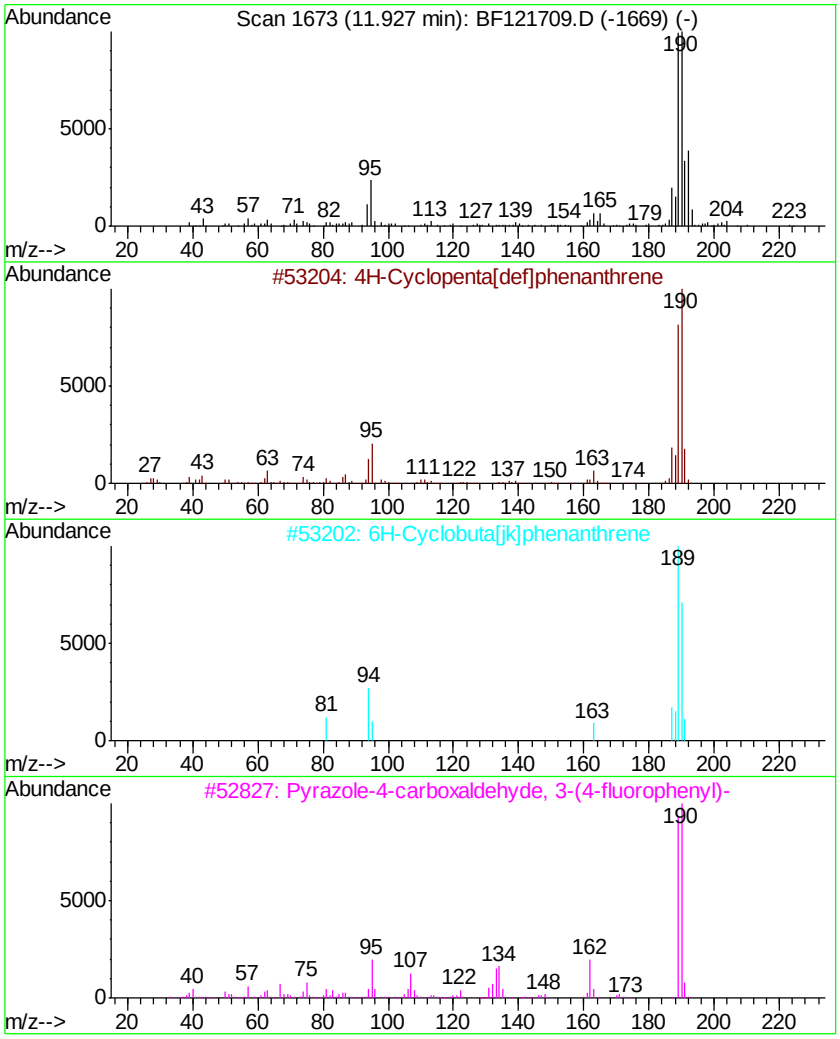
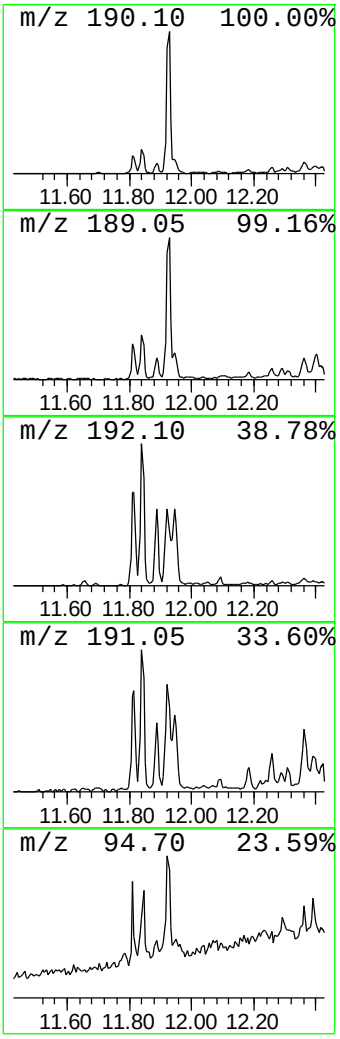
Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.62 ng	194246	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	46
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092820\
Data File : BF121709.D
Acq On : 28 Sep 2020 13:35
Operator : JU/CG
Sample : L4136-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B26-092420-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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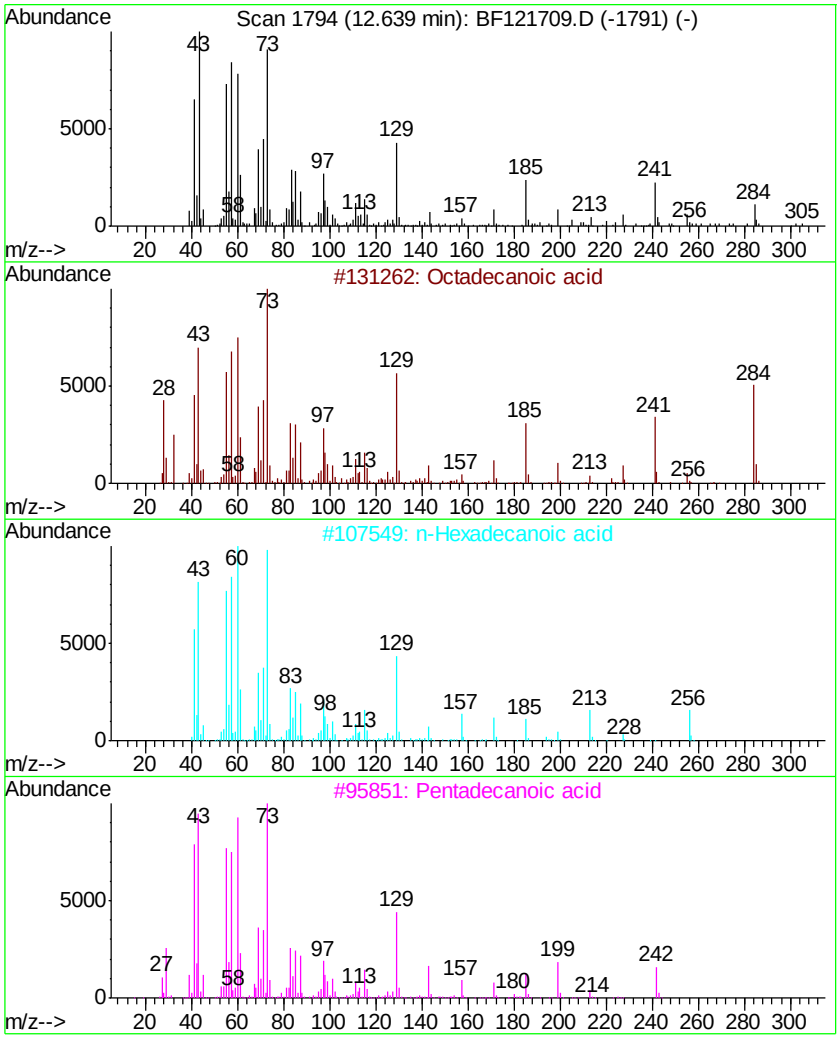
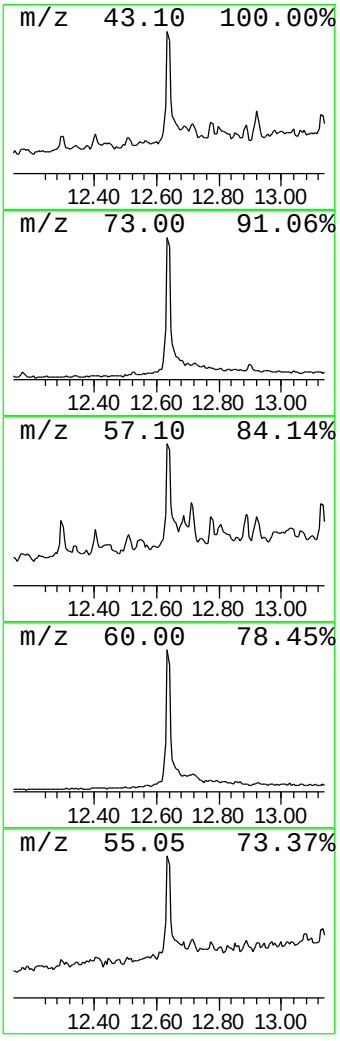
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	5.54 ng	409742	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092820\
Data File : BF121709.D
Acq On : 28 Sep 2020 13:35
Operator : JU/CG
Sample : L4136-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B26-092420-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

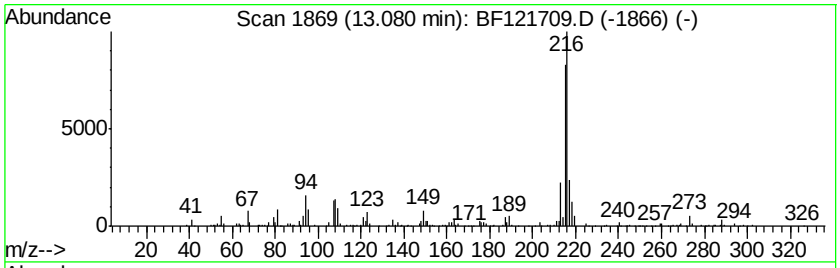
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

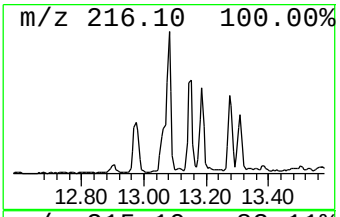
****

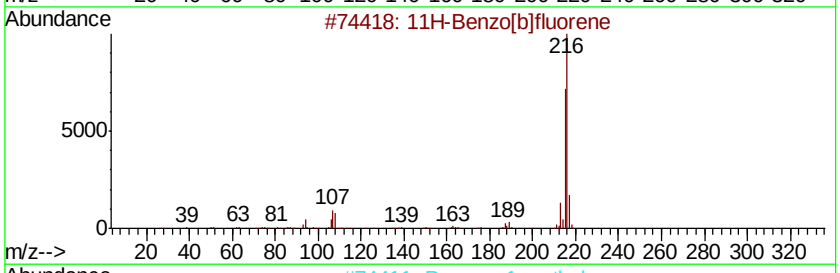
Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 7

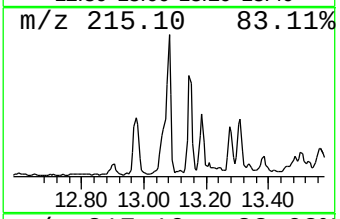
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	2.67 ng	197096	Chrysene-d12	13.95

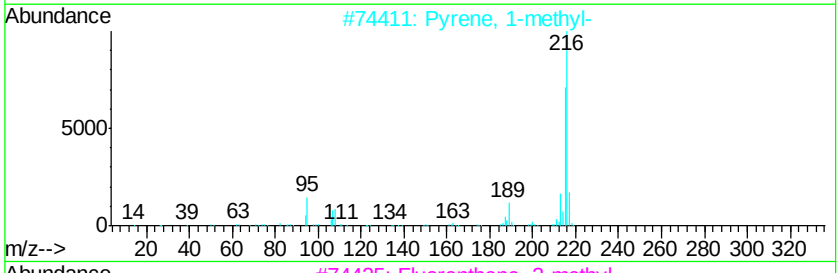
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68

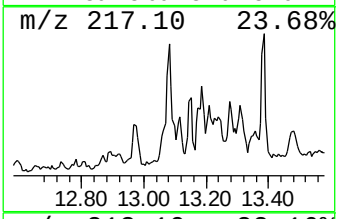


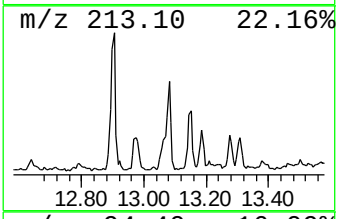


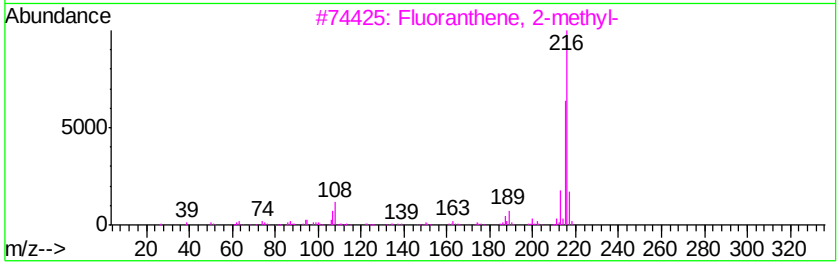


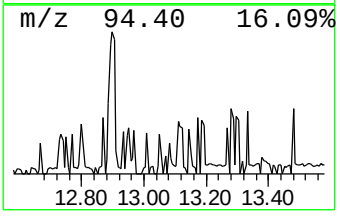












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092820\
Data File : BF121709.D
Acq On : 28 Sep 2020 13:35
Operator : JU/CG
Sample : L4136-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B26-092420-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

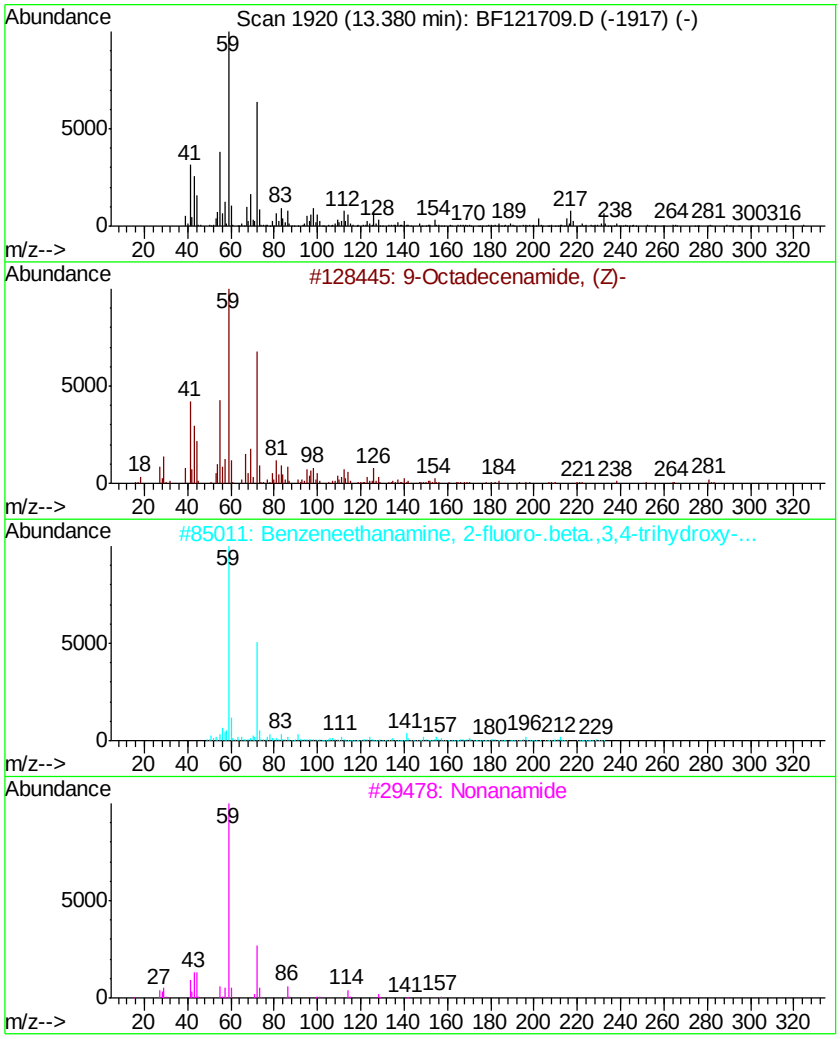
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

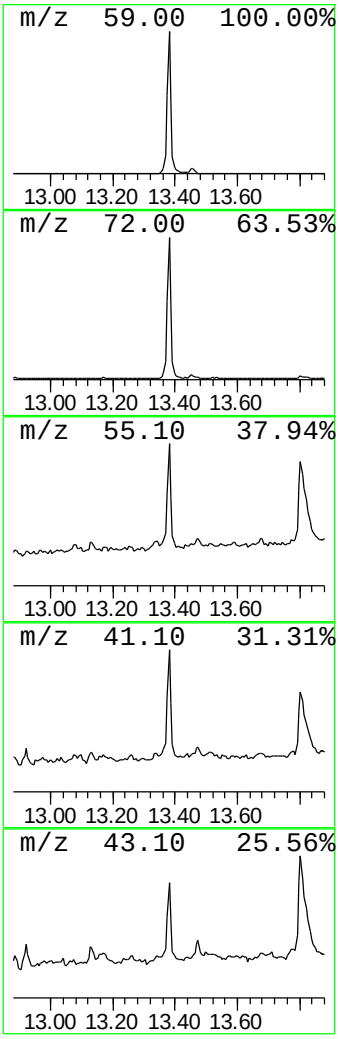
****

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	7.29 ng	538991	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	64
3	Nonanamide	157	C9H19NO	001120-07-6	59
4	Octanamide	143	C8H17NO	000629-01-6	59
5	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	53





Library Search Compound Report

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Data File : BF121709.D
Acq On : 28 Sep 2020 13:35
Operator : JU/CG
Sample : L4136-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B26-092420-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

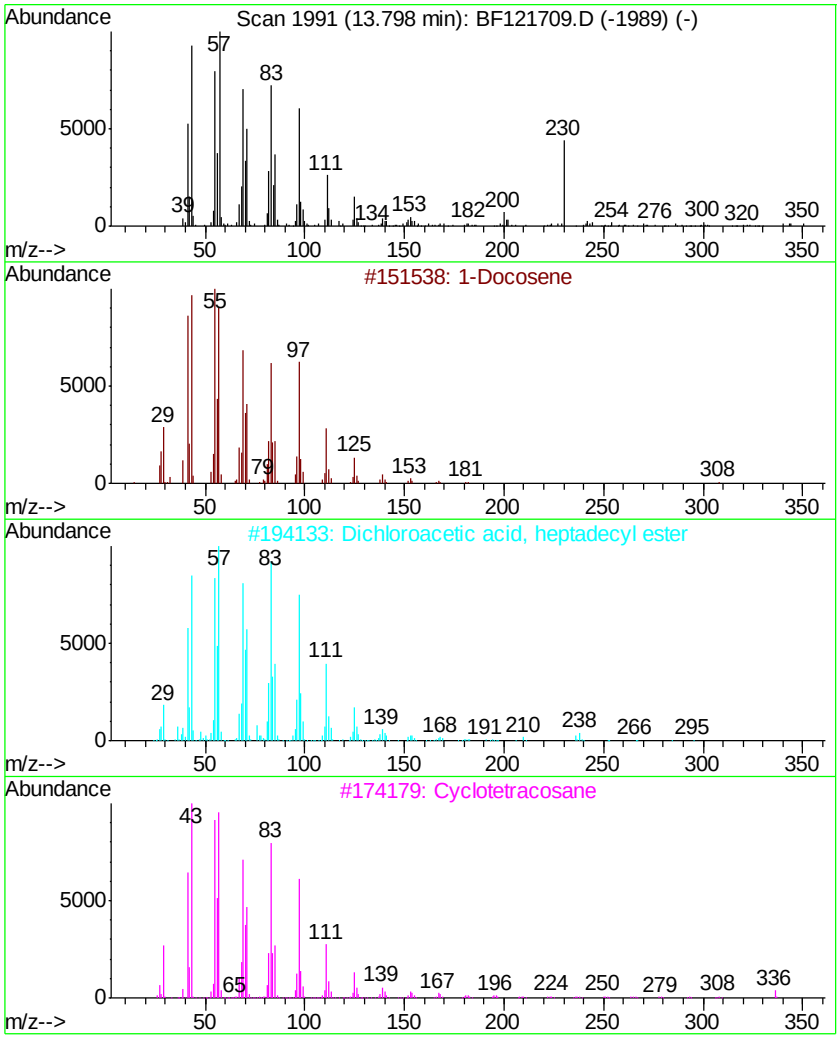
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

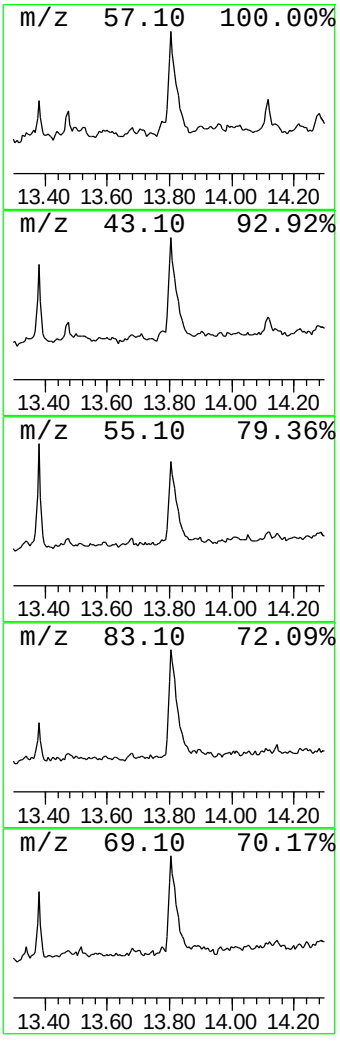
****

Peak Number 6 1-Docosene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	8.82 ng	652095	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3	Cyclotetracosane	336	C24H48	000297-03-0	91
4	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092820\
Data File : BF121709.D
Acq On : 28 Sep 2020 13:35
Operator : JU/CG
Sample : L4136-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B26-092420-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
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TIC Integration Parameters: LSCINT.P

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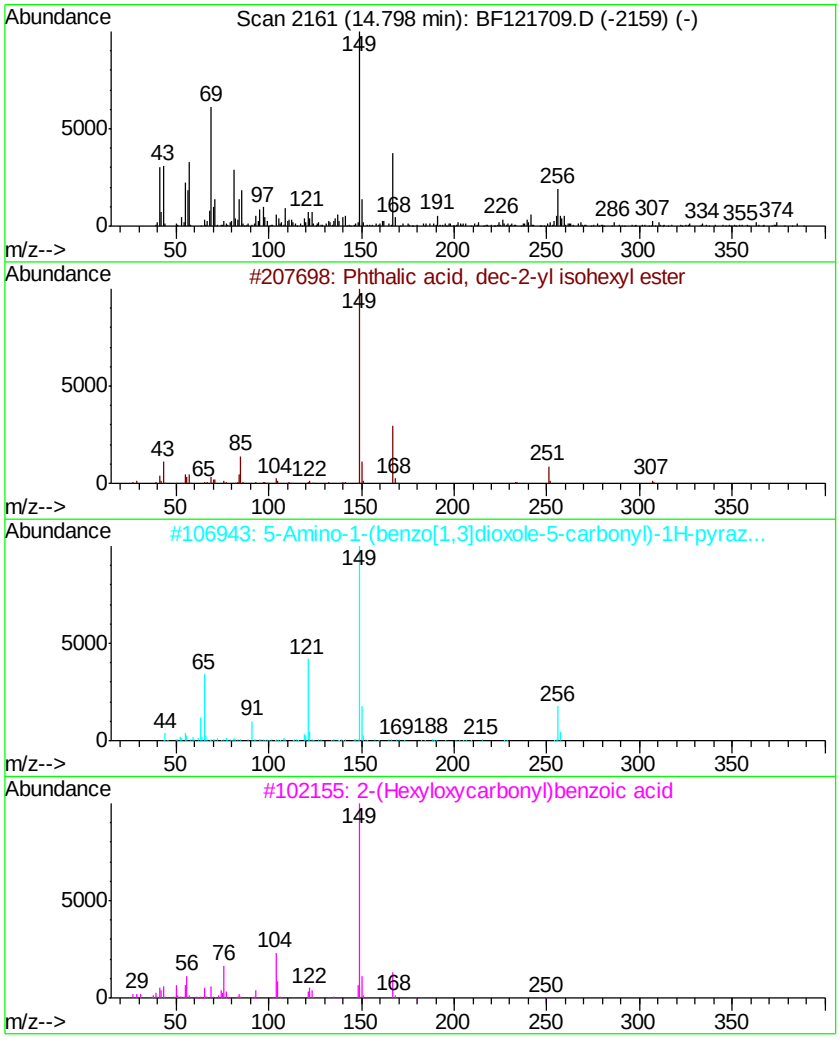
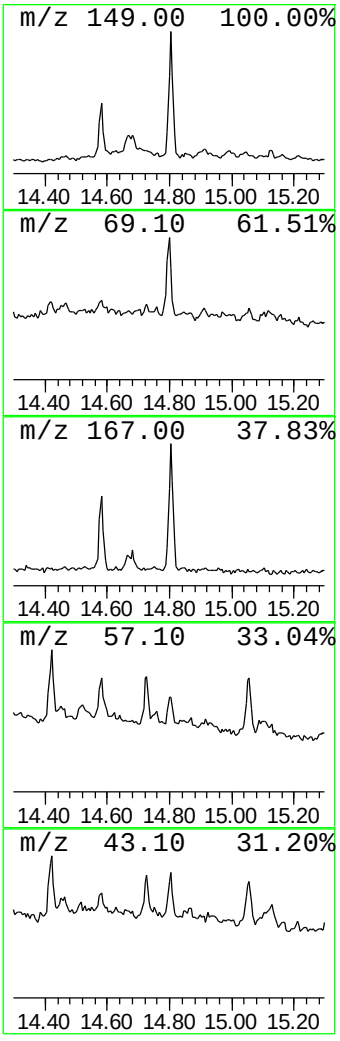
Peak Number 7 Phthalic acid, dec-2-yl iso... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	3.58 ng	154555	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, dec-2-yl isohexyl...	390	C24H38O4	1000356-94-1	53
2	5-Amino-1-(benzo[1,3]dioxole-5-c...	256	C12H8N4O3	1000301-07-4	52
3	2-(Hexyloxycarbonyl)benzoic acid	250	C14H18O4	1000373-63-0	50
4	Phthalic acid, di(2-propylpentyl...	390	C24H38O4	1000377-93-5	50
5	Benzyl butyl phthalate	312	C19H20O4	000085-68-7	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092820\
Data File : BF121709.D
Acq On : 28 Sep 2020 13:35
Operator : JU/CG
Sample : L4136-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B26-092420-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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
Phenanthrene, 1-m...	11.85	3.2	ng	235118	4	11.31	1483210	20.0
4H-Cyclopenta[def...	11.93	2.6	ng	194246	4	11.31	1483210	20.0
Octadecanoic acid	12.64	5.5	ng	409742	5	13.95	1479030	20.0
11H-Benzo[b]fluorene	13.08	2.7	ng	197096	5	13.95	1479030	20.0
9-Octadecenamide,...	13.38	7.3	ng	538991	5	13.95	1479030	20.0
1-Docosene	13.80	8.8	ng	652095	5	13.95	1479030	20.0
Phthalic acid, de...	14.80	3.6	ng	154555	6	15.40	864286	20.0