LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121582.D
Acq On : 15 Sep 2020 17:31
Operator : JU/CG
Sample : L4013-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B40-091420-0-10

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	2.116	3	5	11	rVB	165023	198416	4.84%	0.410%
2	5.051	500	504	518	rVB	69251	103242	2.52%	0.213%
3	5.457	569	573	576	rBV	3425840	3079856	75.18%	6.356%
4	6.469	740	745	761	rVB	3494699	3325715	81.18%	6.864%
5	6.663	774	778	783	rBV	63025	73241	1.79%	0.151%
6	6.828	803	806	810	rBV	1354262	1197679	29.23%	2.472%
7	7.392	897	902	905	rBV	2514988	2237703	54.62%	4.618%
8	8.116	1019	1025	1027	rBV	1678437	1602930	39.13%	3.308%
9	9.186	1202	1207	1211	rBV	4139280	4043243	98.69%	8.345%
10	9.580	1271	1274	1278	rBV	432075	352551	8.61%	0.728%
11	9.727	1295	1299	1303	rVB	107498	88107	2.15%	0.182%
12	9.798	1306	1311	1314	rVV	51171	46165	1.13%	0.095%
13	9.869	1316	1323	1326	rVV	1993281	1872942	45.72%	3.865%
14	9.898	1326	1328	1332	rVB	116520	90306	2.20%	0.186%
15	10.069	1352	1357	1362	rBV	76878	73955	1.81%	0.153%
16	10.298	1393	1396	1398	rVB	55073	45940	1.12%	0.095%
17	10.410	1412	1415	1421	rBV2	78193	81897	2.00%	0.169%
18	10.657	1452	1457	1460	rBV	2592170	2356131	57.51%	4.863%
19	10.769	1474	1476	1485	rVB3	83197	131990	3.22%	0.272%
20	10.963	1503	1509	1511	rBV3	36040	54745	1.34%	0.113%
21	11.216	1546	1552	1555	rBV4	75602	123794	3.02%	0.255%
22	11.245	1555	1557	1563	rVB	105671	99385	2.43%	0.205%
23	11.351	1571	1575	1577	rBV	2221243	1899380	46.36%	3.920%
24	11.374	1577	1579	1582	rVV	905929	702618	17.15%	1.450%
25	11.422	1582	1587	1590	rVB	230749	235250	5.74%	0.486%
26	11.457	1590	1593	1596	rBV	67232	67237	1.64%	0.139%
27	11.645	1622	1625	1628	rBV	106899	80711	1.97%	0.167%
28	11.680	1628	1631	1636	rBV3	44418	43512	1.06%	0.090%
29	11.851	1657	1660	1662	rBV	153665	118895	2.90%	0.245%
30	11.880	1662	1665	1670	rVV	647287	599122	14.62%	1.237%
31	11.921	1670	1672	1675	rVV	112897	118680	2.90%	0.245%
32	11.963	1675	1679	1681	rVV	340167	360625	8.80%	0.744%
33	11.986	1681	1683	1687	rVB	143366	125831	3.07%	0.260%
34	12.051	1692	1694	1697	rVB2	80519	64573	1.58%	0.133%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121582.D
Acq On : 15 Sep 2020 17:31
Operator : JU/CG
Sample : L4013-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B40-091420-0-10

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	12.145	1707	1710	1712	rBV	151168	117853	2.88%	0.243%
36	12.169	1712	1714	1717	rVB2	93818	76807	1.87%	0.159%
37	12.327	1738	1741	1743	rBV2	62490	64547	1.58%	0.133%
38	12.398	1750	1753	1756	rBV	160368	165256	4.03%	0.341%
39	12.439	1756	1760	1762	rVV	150640	177018	4.32%	0.365%
40	12.480	1765	1767	1772	rVB2	113162	138688	3.39%	0.286%
41	12.563	1777	1781	1784	rBV	2244593	1885333	46.02%	3.891%
42	12.657	1794	1797	1800	rBV2	250374	282902	6.91%	0.584%
43	12.710	1804	1806	1810	rVV2	90537	113068	2.76%	0.233%
44	12.751	1810	1813	1815	rVV2	322749	310373	7.58%	0.641%
45	12.792	1815	1820	1822	rVV	1976078	1923615	46.95%	3.970%
46	12.810	1822	1823	1825	rVV	113149	66755	1.63%	0.138%
47	12.839	1825	1828	1834	rVB3	103980	137448	3.35%	0.284%
48	12.910	1837	1840	1841	rBV	116649	110102	2.69%	0.227%
49	12.939	1841	1845	1847	rVV	4331991	4096894	100.00%	8.455%
50	12.957	1847	1848	1852	rVB	364461	236874	5.78%	0.489%
51	13.010	1852	1857	1860	rBV2	170350	274867	6.71%	0.567%
52	13.092	1868	1871	1873	rBV4	116359	144277	3.52%	0.298%
53	13.116	1873	1875	1878	rVB	296093	255511	6.24%	0.527%
54	13.186	1885	1887	1889	rVB	145458	107897	2.63%	0.223%
55	13.221	1889	1893	1896	rBV2	238772	260573	6.36%	0.538%
56	13.280	1900	1903	1904	rBV	52468	53285	1.30%	0.110%
57	13.315	1906	1909	1911	rVB	108741	101045	2.47%	0.209%
58	13.345	1911	1914	1917	rBV2	111682	130106	3.18%	0.269%
59	13.415	1923	1926	1933	rVB	788879	702565	17.15%	1.450%
60	13.474	1933	1936	1939	rBV	452895	388894	9.49%	0.803%
61	13.510	1940	1942	1945	rVB4	100230	104478	2.55%	0.216%
62	13.621	1959	1961	1966	rVB	155658	153955	3.76%	0.318%
63	13.763	1983	1985	1987	rBV	126003	88194	2.15%	0.182%
64	13.786	1987	1989	1991	rVV	98233	92606	2.26%	0.191%
65	13.833	1994	1997	2004	rVB2	527529	733267	17.90%	1.513%
66	13.986	2018	2023	2026	rBV2	1766186	2434647	59.43%	5.025%
67	14.010	2026	2027	2034	rVB	754341	673853	16.45%	1.391%
68	14.092	2039	2041	2044	rVB	95665	71144	1.74%	0.147%
69	14.404	2092	2094	2098	rBV	102314	95663	2.34%	0.197%
70	14.462	2101	2104	2107	rVV2	155759	174986	4.27%	0.361%
71	14.615	2127	2130	2134	rBV	1530058	1435503	35.04%	2.963%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121582.D
Acq On : 15 Sep 2020 17:31
Operator : JU/CG
Sample : L4013-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B40-091420-0-10

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

72	15.021	2195	2199	2202	rBV	625973	942623	23.01%	1.945%
73	15.321	2247	2250	2256	rVB	404385	524370	12.80%	1.082%
74	15.380	2256	2260	2266	rBV	590195	774460	18.90%	1.598%
75	15.445	2267	2271	2274	rVV	985816	1217208	29.71%	2.512%
76	15.474	2274	2276	2283	rVB2	309200	381790	9.32%	0.788%
77	16.880	2512	2515	2526	rVB2	261800	535333	13.07%	1.105%

Sum of corrected areas: 48453000

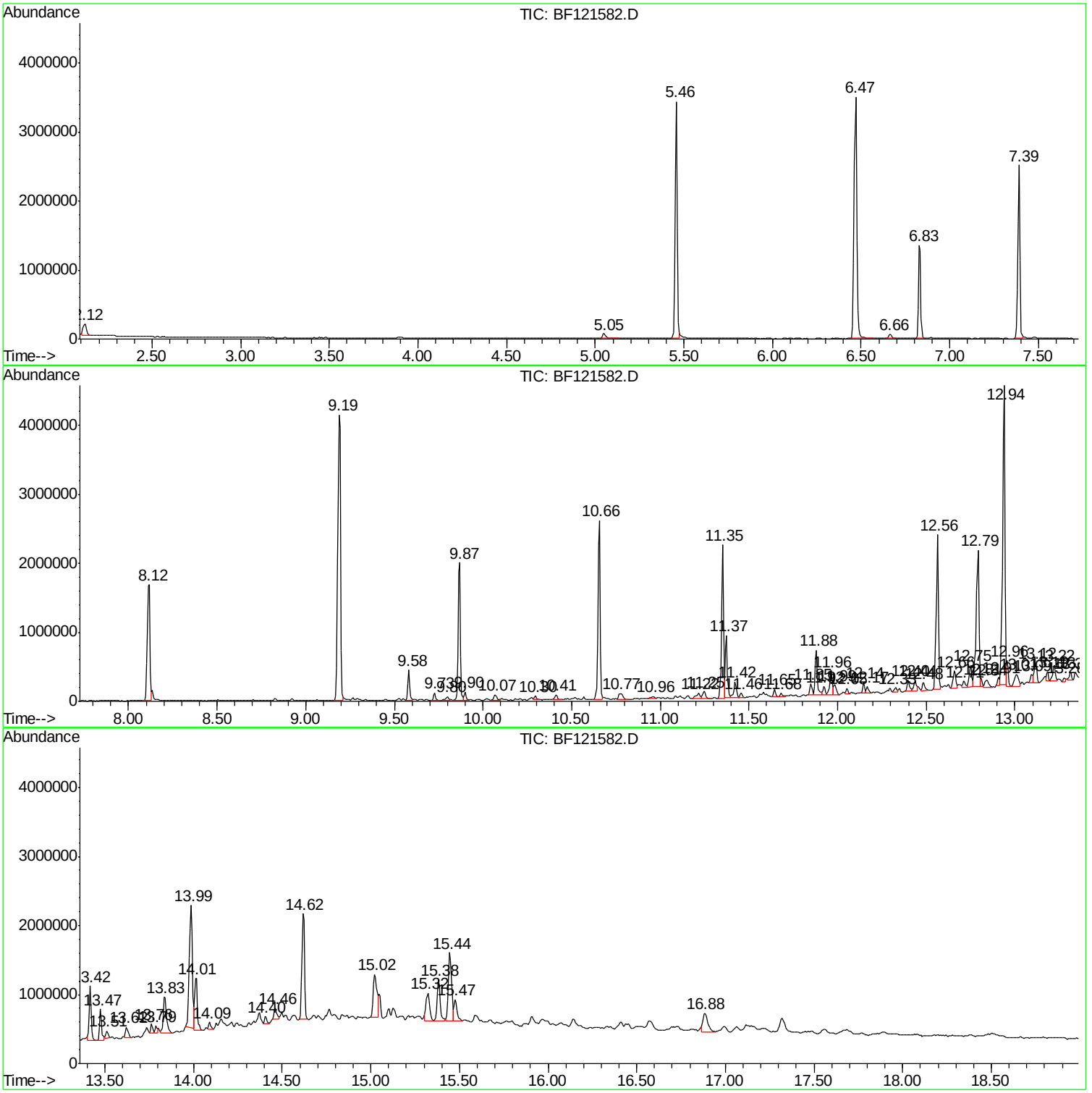
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121582.D
Acq On : 15 Sep 2020 17:31
Operator : JU/CG
Sample : L4013-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B40-091420-0-10

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121582.D
Acq On : 15 Sep 2020 17:31
Operator : JU/CG
Sample : L4013-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B40-091420-0-10

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

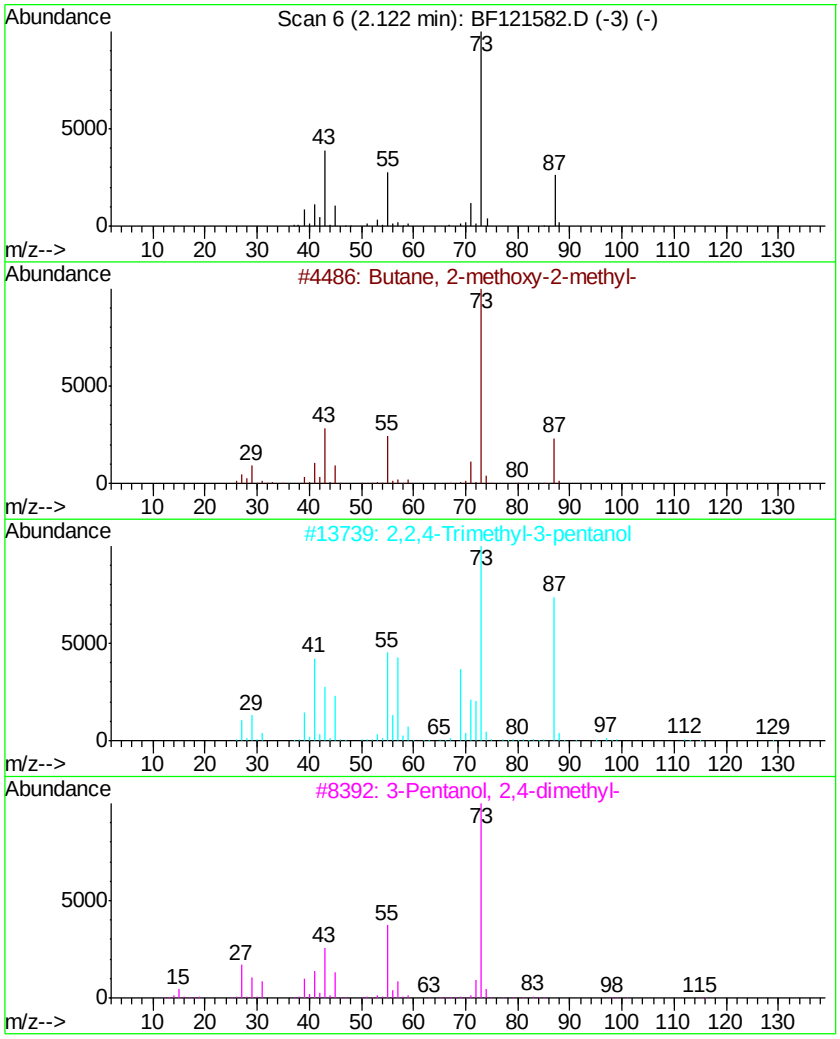
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

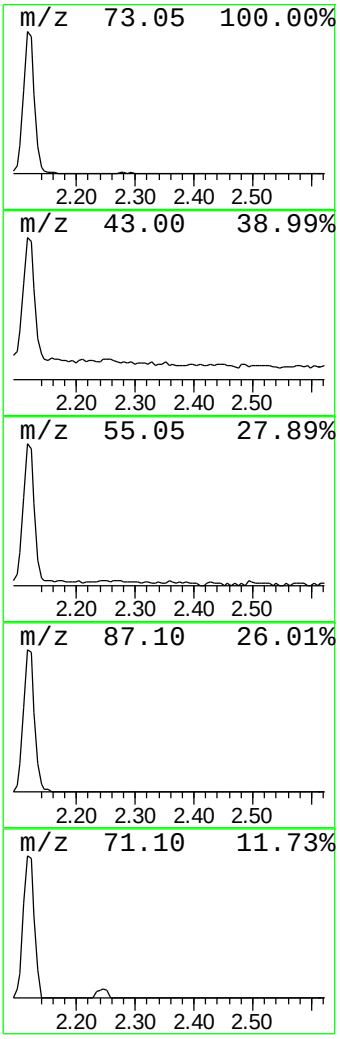
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	3.31 ng	198416	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121582.D
Acq On : 15 Sep 2020 17:31
Operator : JU/CG
Sample : L4013-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B40-091420-0-10

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

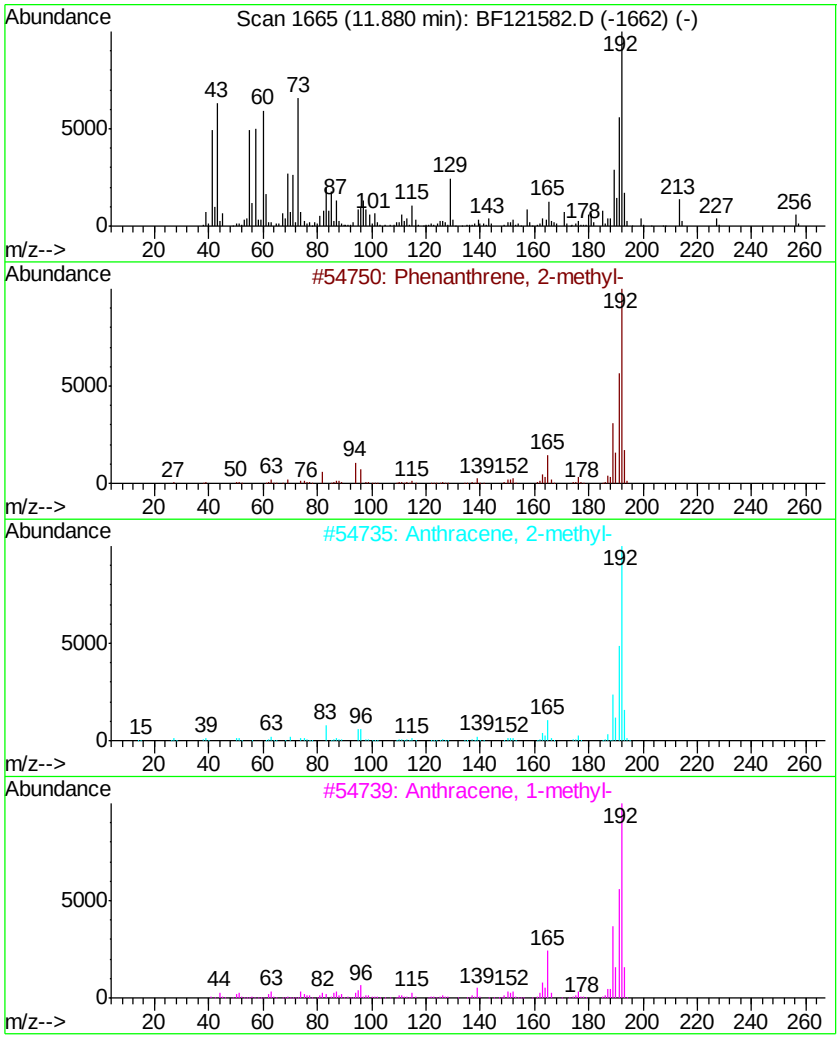
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

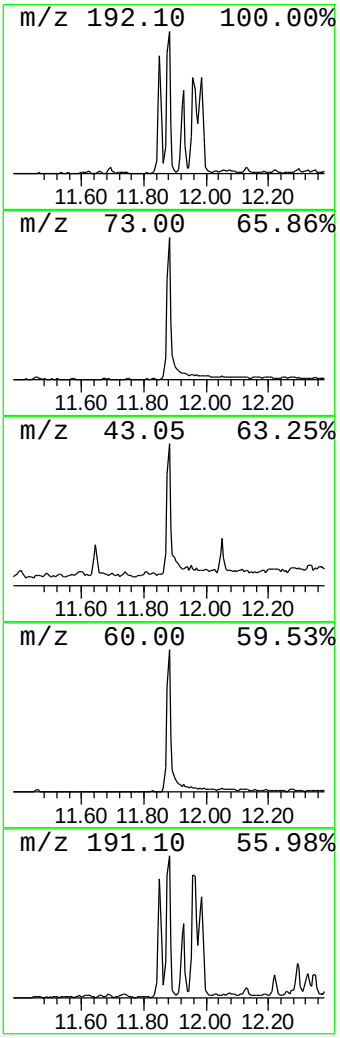
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	6.31 ng	599122	Phenanthrene-d10	11.35

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121582.D
Acq On : 15 Sep 2020 17:31
Operator : JU/CG
Sample : L4013-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B40-091420-0-10

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

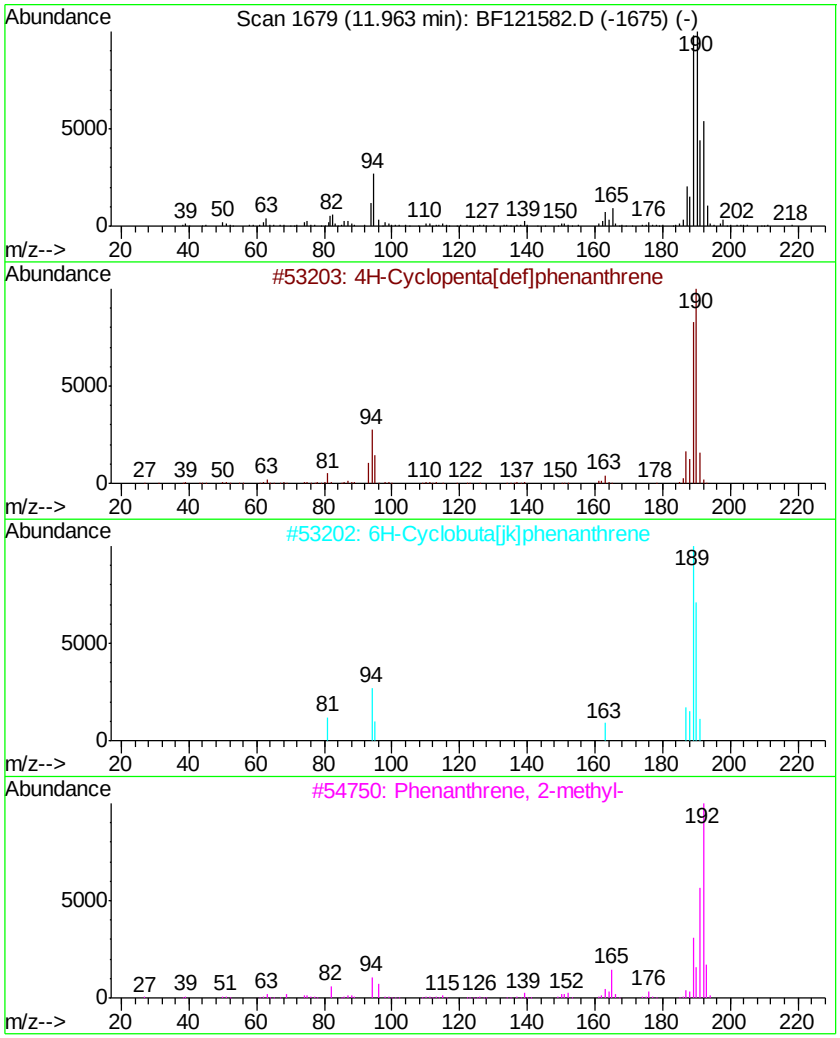
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

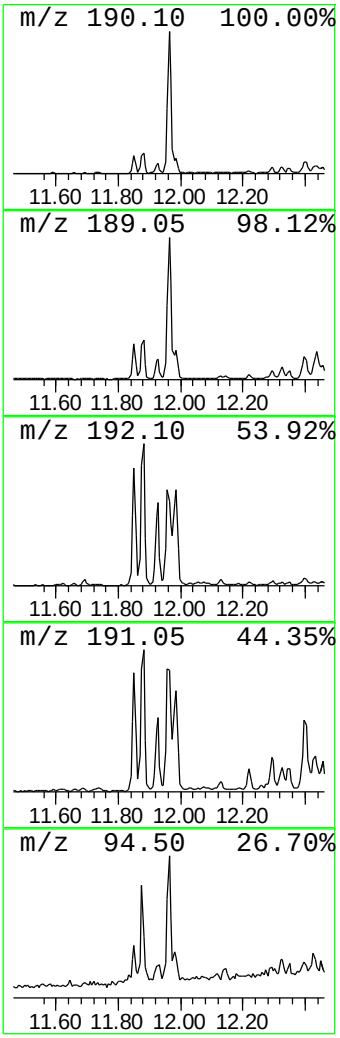
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	3.80 ng	360625	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	30
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	20
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121582.D
Acq On : 15 Sep 2020 17:31
Operator : JU/CG
Sample : L4013-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B40-091420-0-10

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

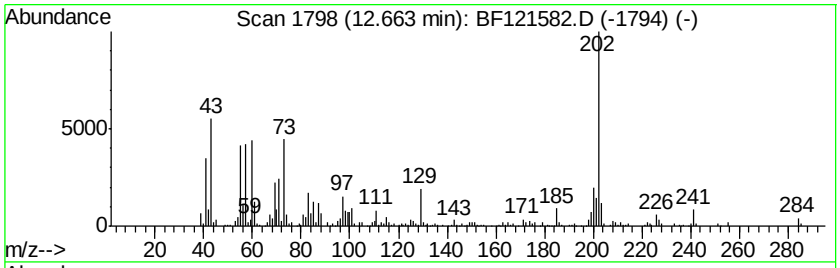
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

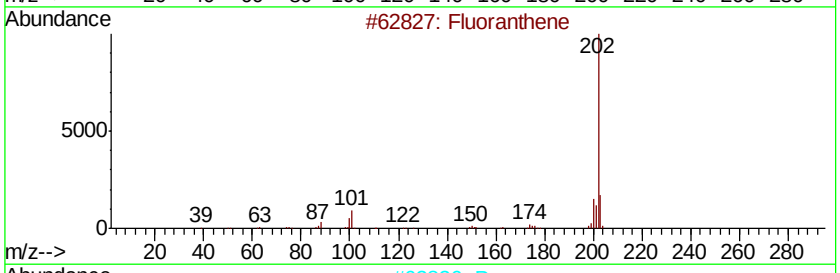
****

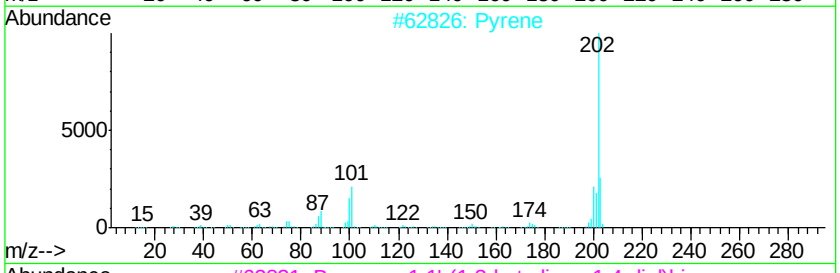
Peak Number 4 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 9

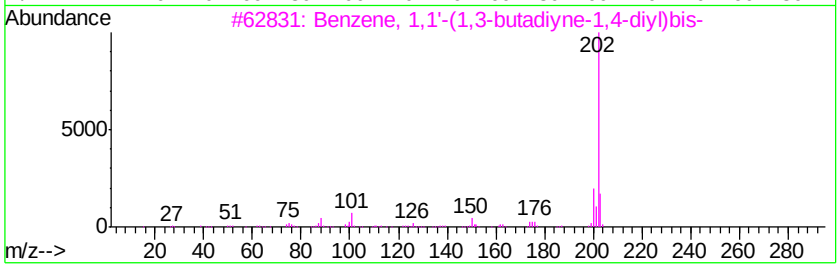
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	2.98 ng	282902	Phenanthrene-d10	11.35

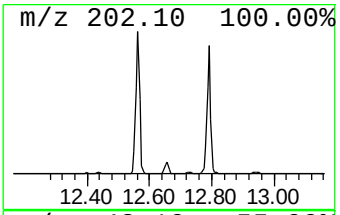
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	95
2	Pyrene	202	C16H10	000129-00-0	94
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	74
4	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	60
5	1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	50

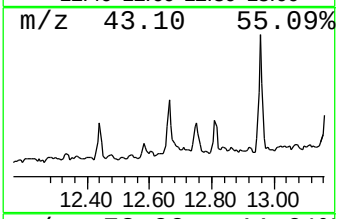


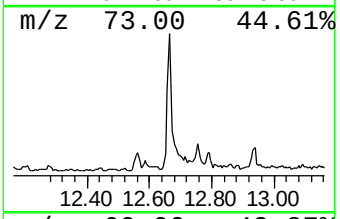


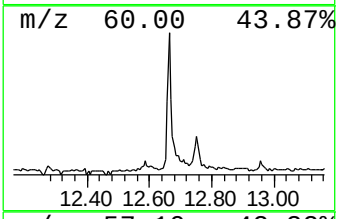


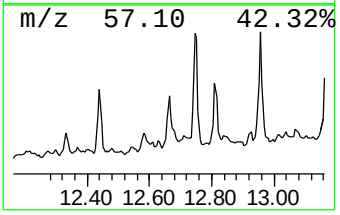












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121582.D
Acq On : 15 Sep 2020 17:31
Operator : JU/CG
Sample : L4013-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B40-091420-0-10

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

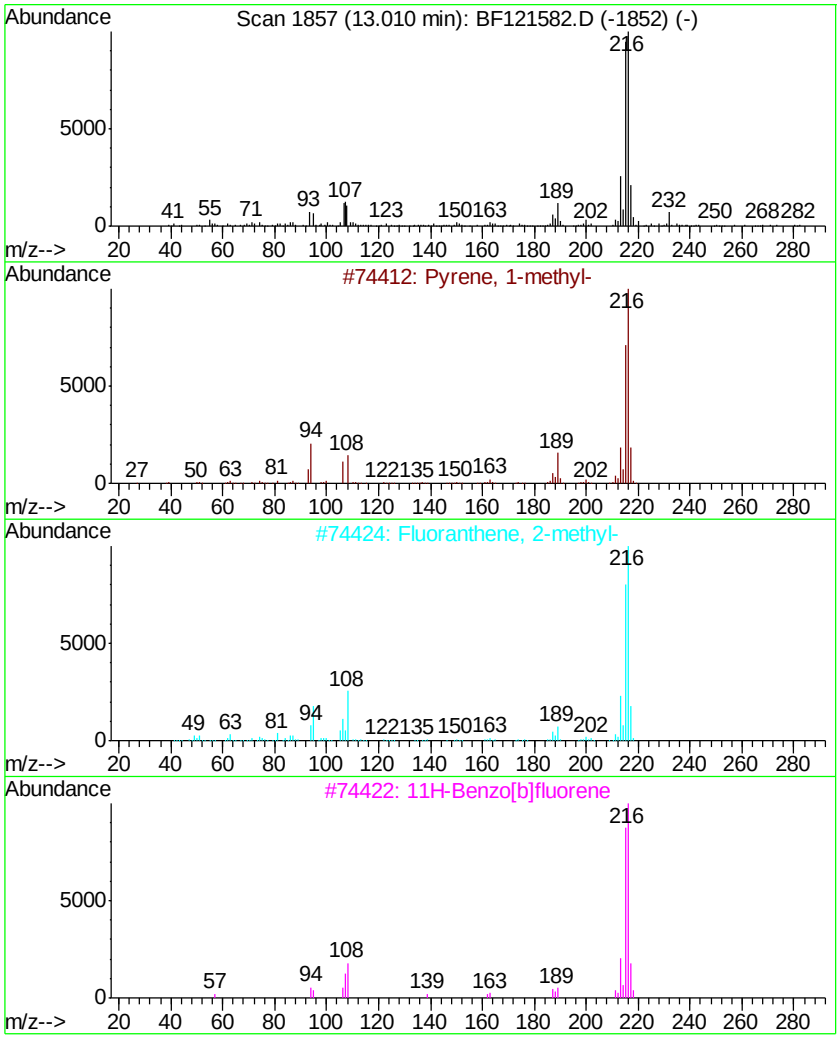
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

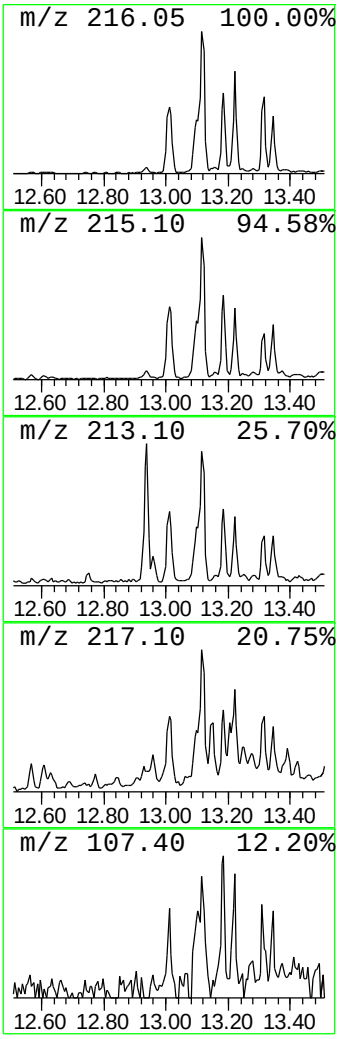
****

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	2.26 ng	274867	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121582.D
Acq On : 15 Sep 2020 17:31
Operator : JU/CG
Sample : L4013-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B40-091420-0-10

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

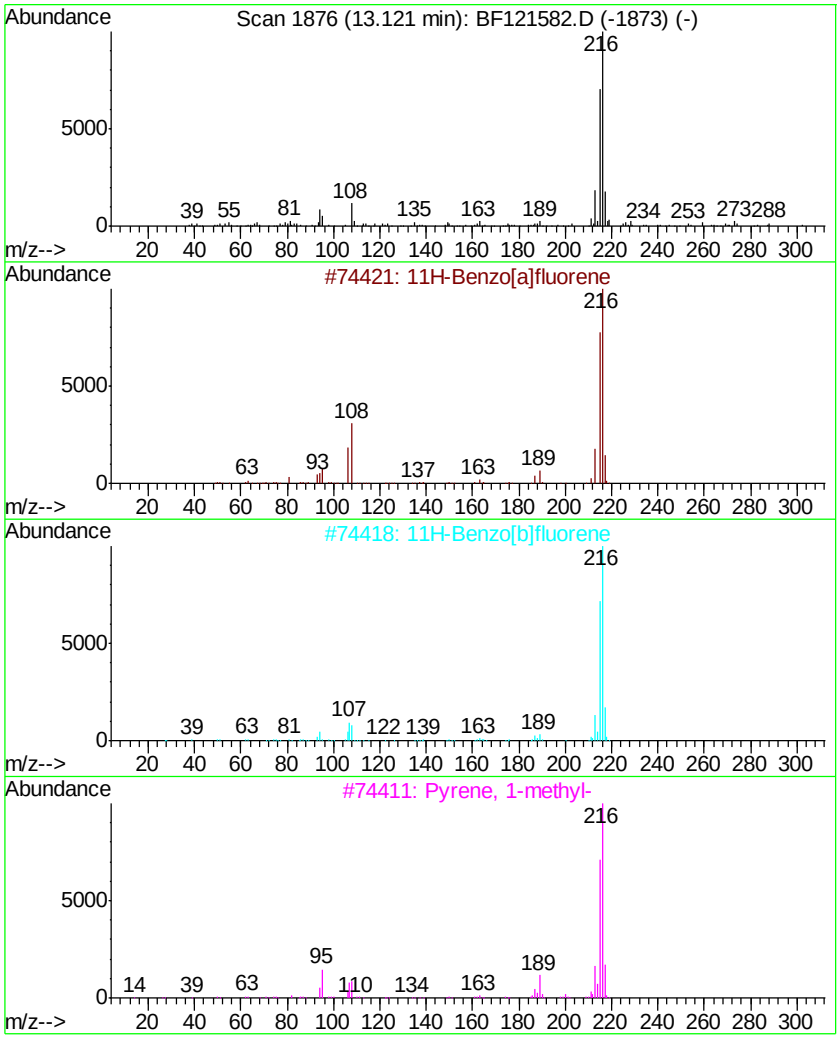
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

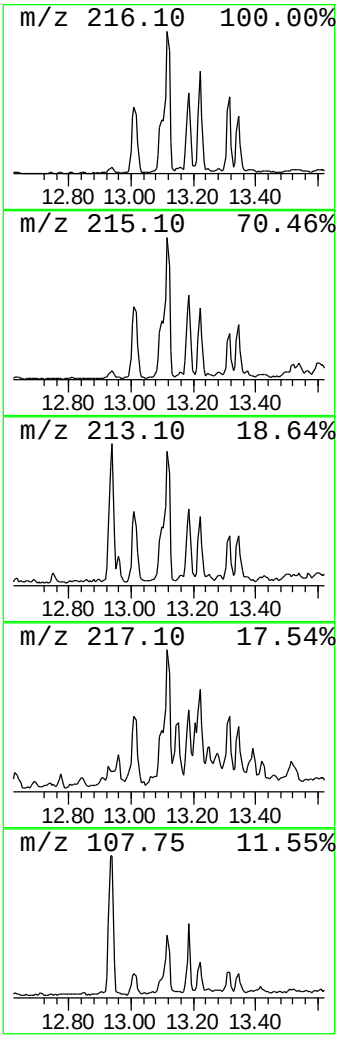
****

Peak Number 6 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	2.10 ng	255511	Chrysene-d12	13.99

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	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121582.D
Acq On : 15 Sep 2020 17:31
Operator : JU/CG
Sample : L4013-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B40-091420-0-10

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

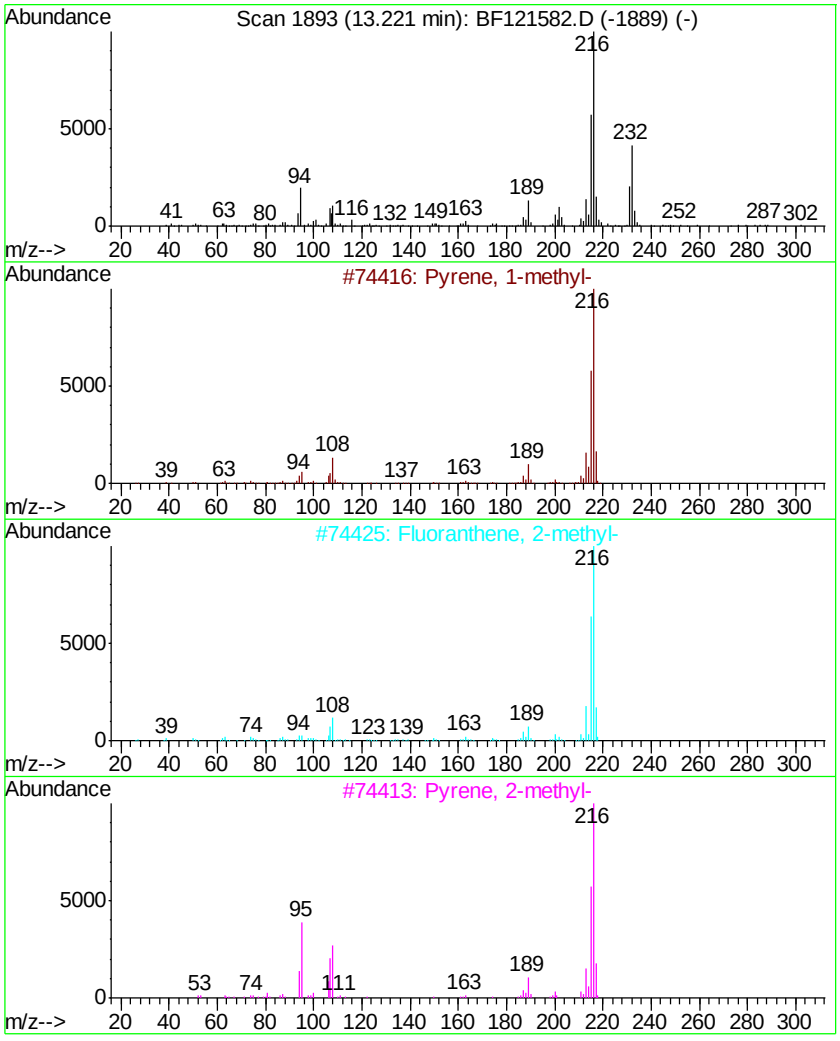
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

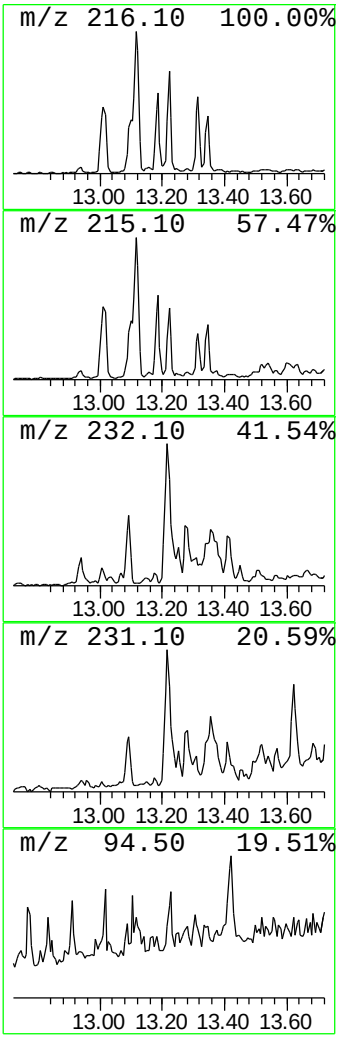
****

Peak Number 7 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	2.14 ng	260573	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	60
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121582.D
Acq On : 15 Sep 2020 17:31
Operator : JU/CG
Sample : L4013-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B40-091420-0-10

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

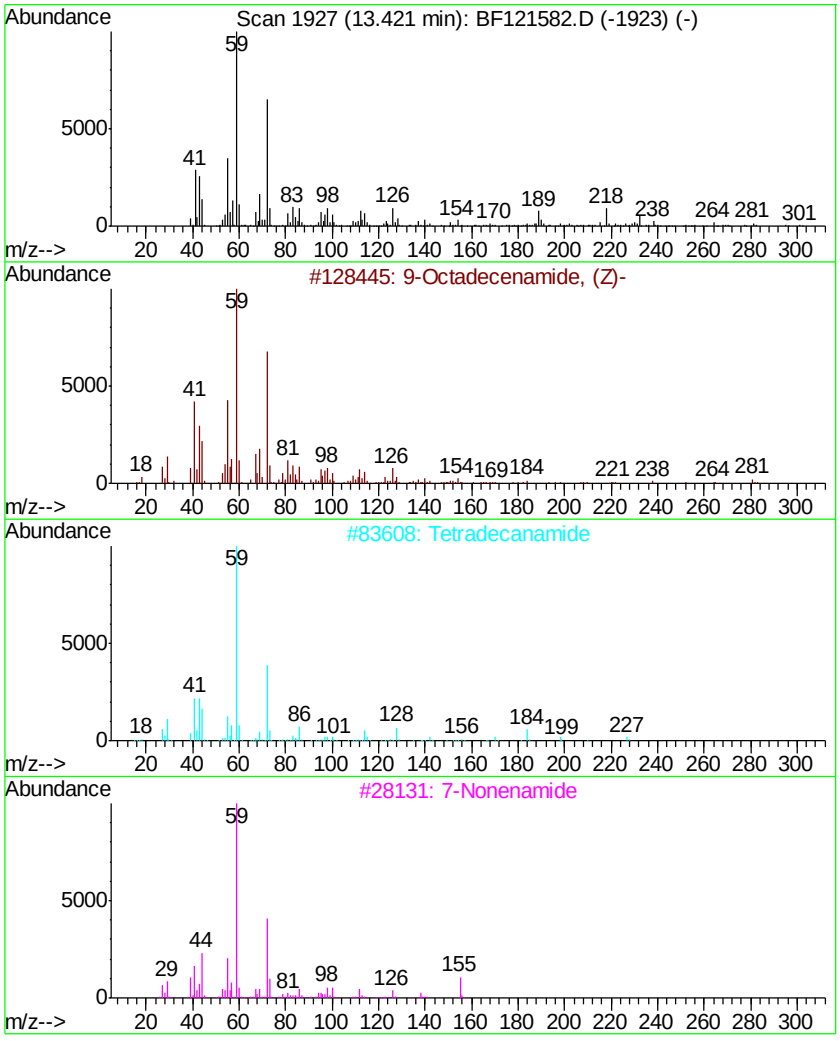
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

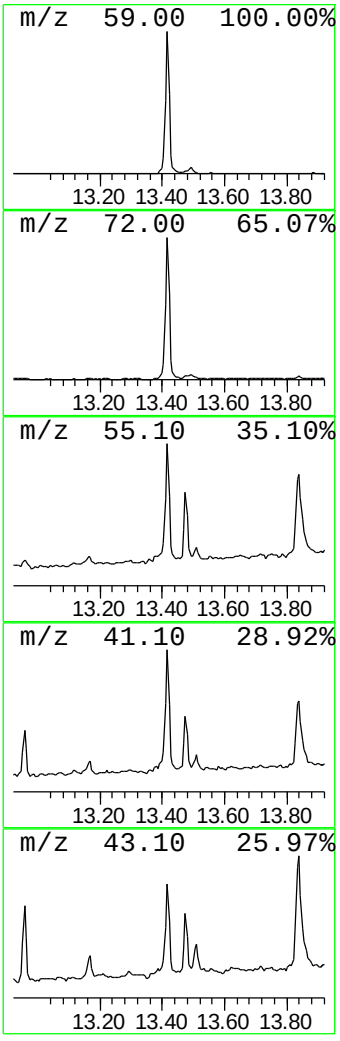
****

Peak Number 8 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	5.77 ng	702565	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	Tetradecanamide	227	C14H29NO	000638-58-4	72
3	7-Nonenamide	155	C9H17NO	090949-53-4	56
4	Octanamide	143	C8H17NO	000629-01-6	53
5	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121582.D
Acq On : 15 Sep 2020 17:31
Operator : JU/CG
Sample : L4013-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B40-091420-0-10

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

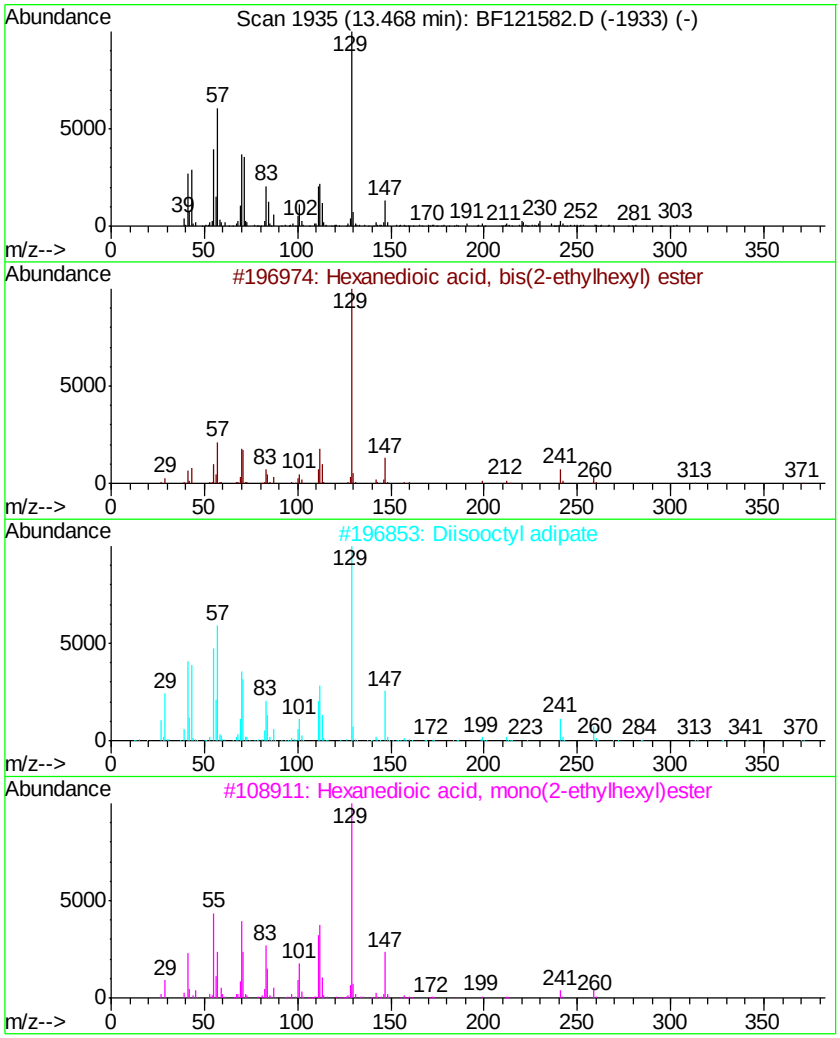
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

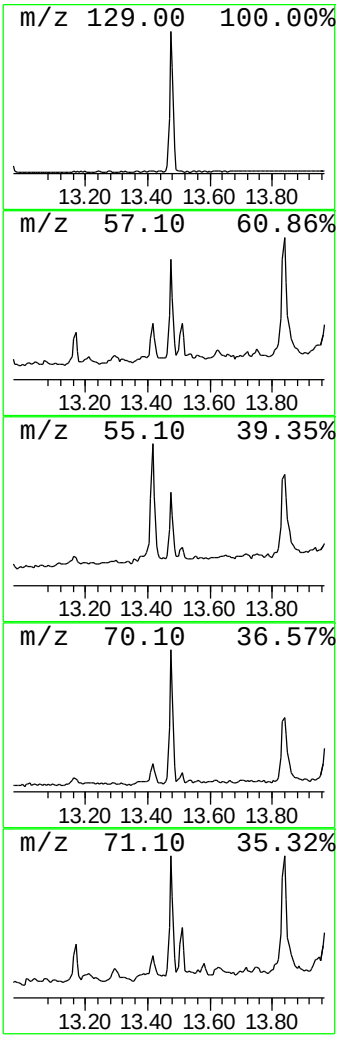
****

Peak Number 9 Hexanedioic acid, bis(2-eth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	3.19 ng	388894	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
2	Diisooctyl adipate	370	C22H42O4	001330-86-5	83
3	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	68
4	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	53
5	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1000324-48-0	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121582.D
Acq On : 15 Sep 2020 17:31
Operator : JU/CG
Sample : L4013-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B40-091420-0-10

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

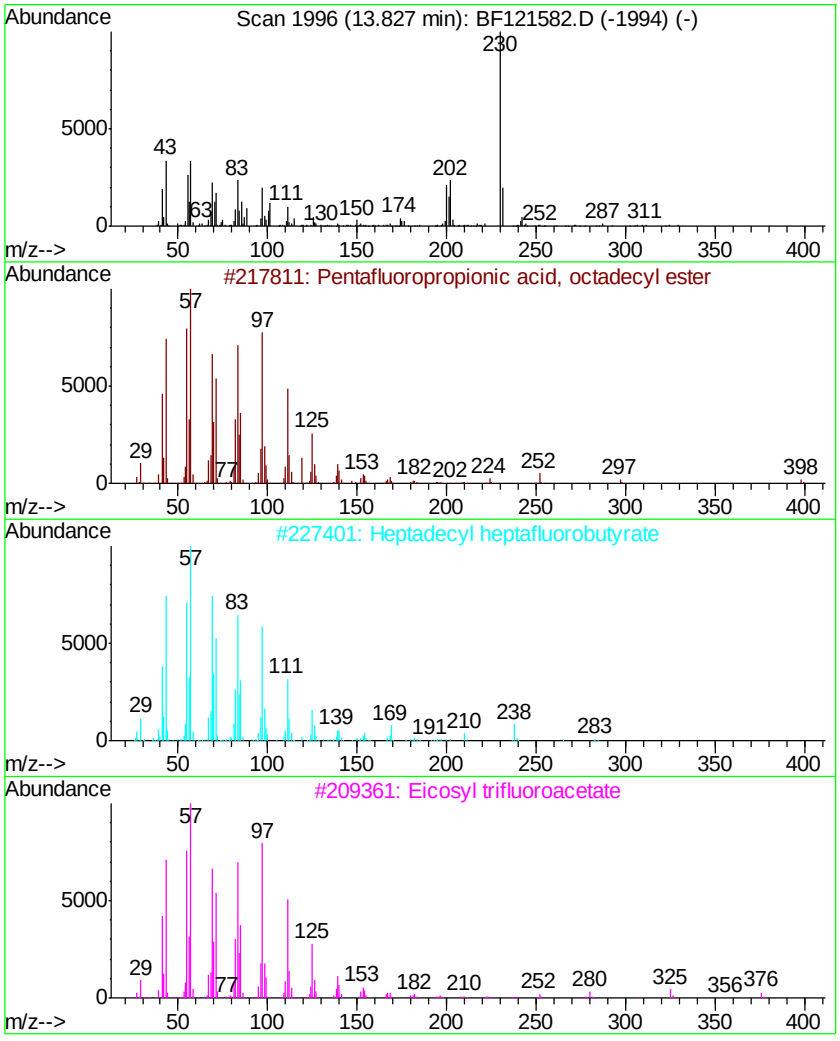
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

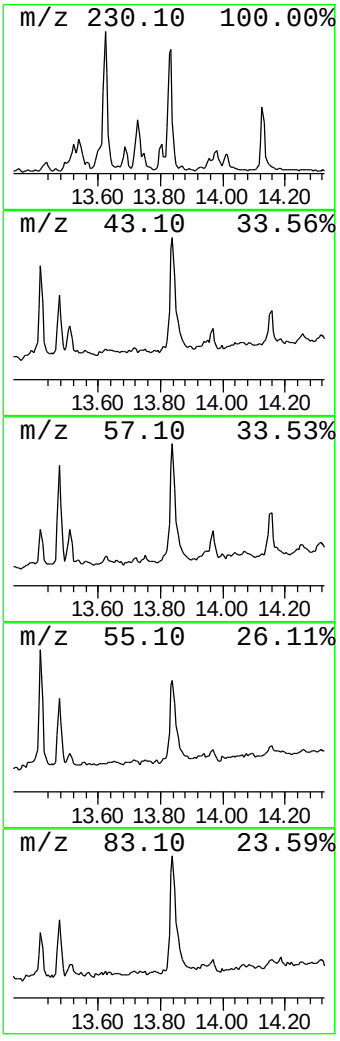
****

Peak Number 10 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	6.02 ng	733267	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	55
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	55
3	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	55
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	55
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121582.D
Acq On : 15 Sep 2020 17:31
Operator : JU/CG
Sample : L4013-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B40-091420-0-10

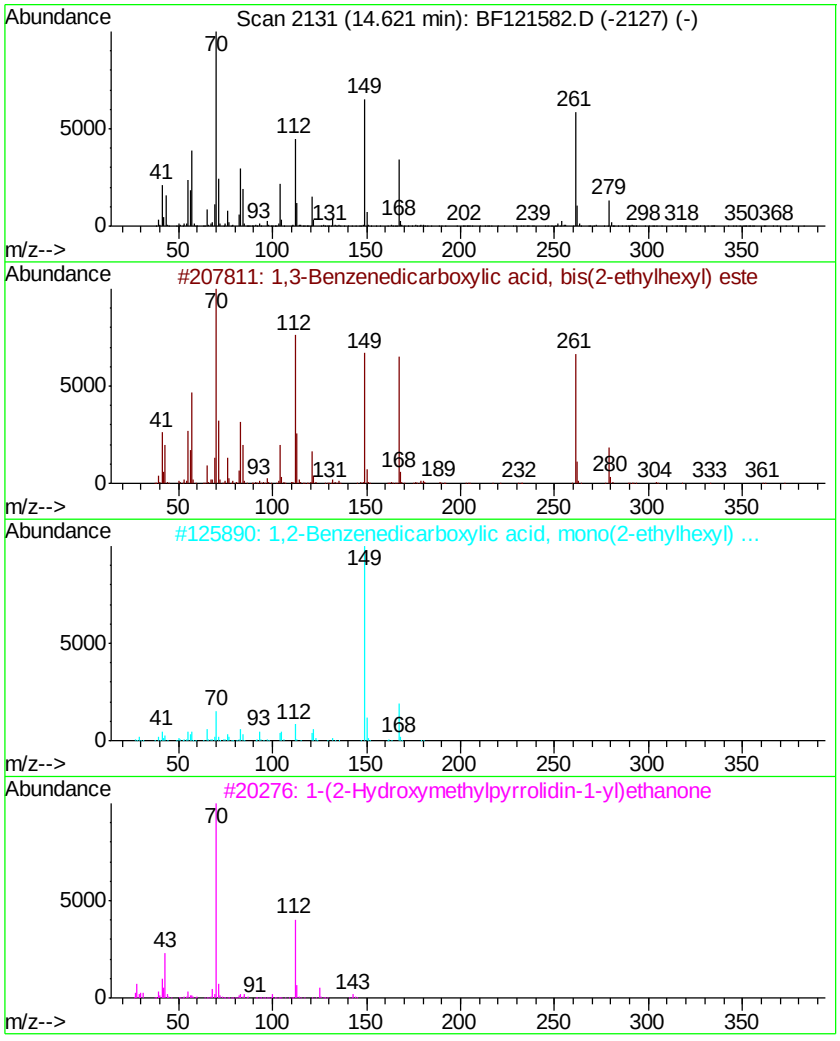
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

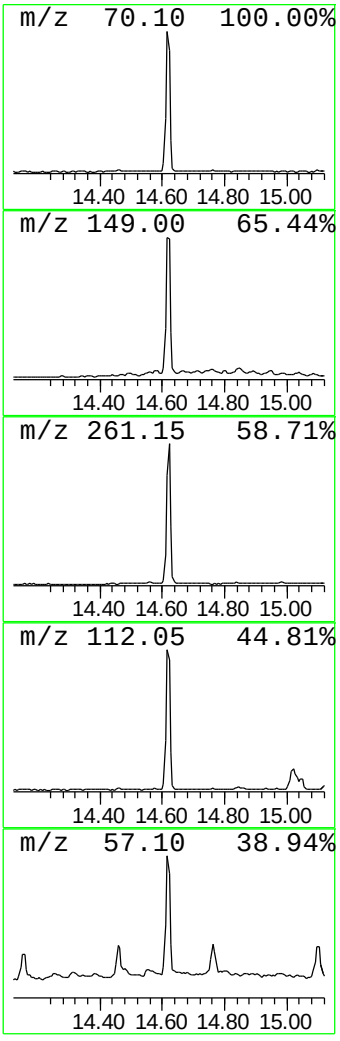
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,3-Benzenedicarboxylic aci... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	11.79 ng	1435500	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	58
2	1,2-Benzenedicarboxylic acid, mo...	278	C16H22O4	004376-20-9	37
3	1-(2-Hydroxymethylpyrrolidin-1-y...	143	C7H13NO2	1000192-83-2	35
4	Cyclohexanamine, N-methyl-	113	C7H15N	000100-60-7	25
5	9-(2',2'-Dimethylpropanoilhydraz...	576	C30H42Cl2N4O3	1000111-04-6	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121582.D
Acq On : 15 Sep 2020 17:31
Operator : JU/CG
Sample : L4013-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B40-091420-0-10

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

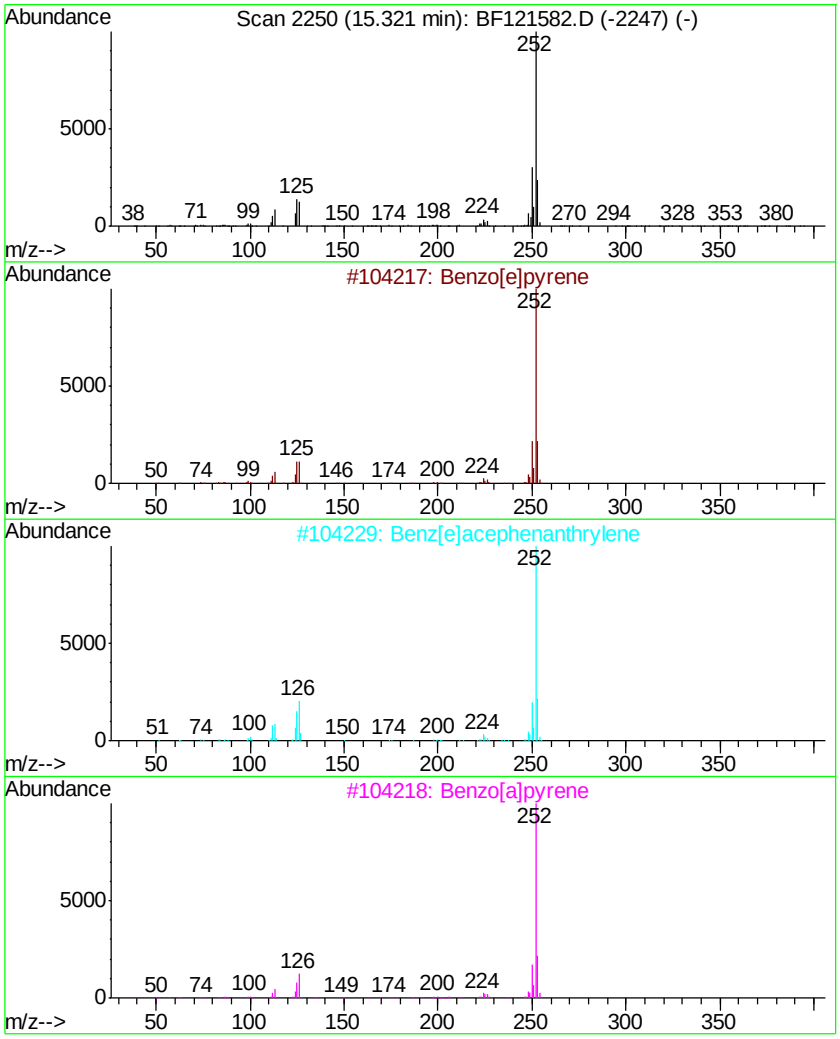
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

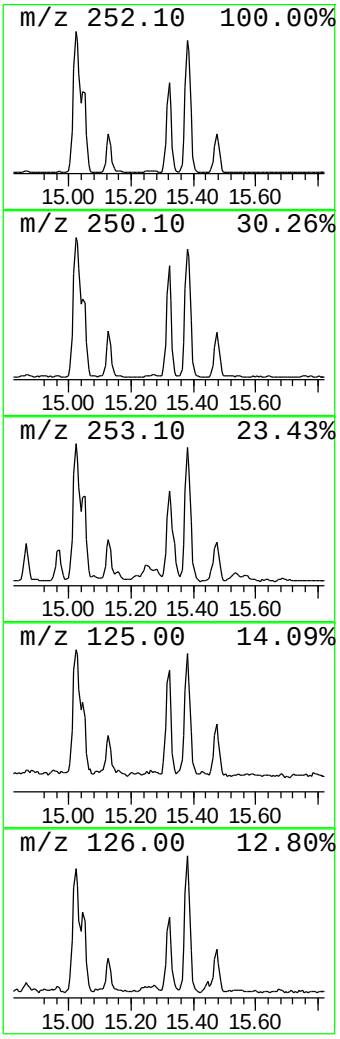
****

Peak Number 12 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	8.62 ng	524370	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091520\
Data File : BF121582.D
Acq On : 15 Sep 2020 17:31
Operator : JU/CG
Sample : L4013-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B40-091420-0-10

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
Butane, 2-methoxy...	2.12	3.3	ng	198416	1	6.83	1197680	20.0
Phenanthrene, 2-m...	11.88	6.3	ng	599122	4	11.35	1899380	20.0
4H-Cyclopenta[def...	11.96	3.8	ng	360625	4	11.35	1899380	20.0
Benzene, 1,1'-(1,...	12.66	3.0	ng	282902	4	11.35	1899380	20.0
Pyrene, 1-methyl-	13.01	2.3	ng	274867	5	13.99	2434650	20.0
11H-Benzo[a]fluorene	13.12	2.1	ng	255511	5	13.99	2434650	20.0
Fluoranthene, 2-m...	13.22	2.1	ng	260573	5	13.99	2434650	20.0
9-Octadecenamide,...	13.42	5.8	ng	702565	5	13.99	2434650	20.0
Hexanedioic acid,...	13.47	3.2	ng	388894	5	13.99	2434650	20.0
Pentafluoropropio...	13.83	6.0	ng	733267	5	13.99	2434650	20.0
1,3-Benzenedicarb...	14.62	11.8	ng	1435500	5	13.99	2434650	20.0
Benzo[e]pyrene	15.32	8.6	ng	524370	6	15.44	1217210	20.0