LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
Data File : BF137933.D
Acq On : 17 May 2024 15:49
Operator : CG\JU
Sample : P2482-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-02-229

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-BF051424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137933.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	8	14	20	rVB3	47146	95451	3.65%	0.315%
2	2.387	44	51	56	rVB	1298962	1692228	64.72%	5.581%
3	3.663	265	268	281	rBV	23596	61921	2.37%	0.204%
4	4.210	355	361	366	rBV	25395	30839	1.18%	0.102%
5	5.663	603	608	611	rBV	2110100	1876227	71.76%	6.188%
6	6.651	771	776	779	rBV	2047576	1911149	73.10%	6.303%
7	7.039	839	842	845	rBV	965076	716765	27.41%	2.364%
8	7.598	933	937	940	rBV	1447761	1246954	47.69%	4.113%
9	7.839	975	978	982	rBV	63539	44674	1.71%	0.147%
10	8.322	1056	1060	1063	rBV	1251383	971457	37.16%	3.204%
11	8.622	1108	1111	1119	rBV	64905	68945	2.64%	0.227%
12	9.398	1239	1243	1246	rBV	3124569	2614604	100.00%	8.623%
13	10.080	1356	1359	1362	rBV	1342507	1136456	43.47%	3.748%
14	10.116	1362	1365	1368	rVB	210239	158972	6.08%	0.524%
15	10.169	1368	1374	1380	rVB3	52201	76352	2.92%	0.252%
16	10.286	1390	1394	1397	rVB	47194	41387	1.58%	0.136%
17	10.627	1449	1452	1456	rBV	95932	88644	3.39%	0.292%
18	10.874	1490	1494	1497	rBV	1740829	1593467	60.94%	5.255%
19	11.180	1539	1546	1548	rBV3	23776	34076	1.30%	0.112%
20	11.374	1576	1579	1584	rVB	35994	33576	1.28%	0.111%
21	11.469	1593	1595	1599	rVB	40789	37552	1.44%	0.124%
22	11.574	1609	1613	1615	rBV	1255046	1150544	44.00%	3.795%
23	11.598	1615	1617	1621	rVB	965545	814007	31.13%	2.685%
24	11.651	1621	1626	1629	rBV	249155	219421	8.39%	0.724%
25	11.804	1636	1652	1657	rBV2	145573	332106	12.70%	1.095%
26	11.927	1667	1673	1681	rVB7	66148	190692	7.29%	0.629%
27	12.080	1695	1699	1701	rBV	194932	194980	7.46%	0.643%
28	12.104	1701	1703	1708	rVV	153575	142361	5.44%	0.470%
29	12.151	1709	1711	1714	rVB	65020	56391	2.16%	0.186%
30	12.192	1714	1718	1720	rBV2	183897	185466	7.09%	0.612%
31	12.210	1720	1721	1726	rVB	72261	53769	2.06%	0.177%
32	12.374	1745	1749	1751	rBV	68987	69637	2.66%	0.230%
33	12.398	1751	1753	1757	rVB	66889	56971	2.18%	0.188%
34	12.627	1788	1792	1796	rBV	51929	60590	2.32%	0.200%
35	12.715	1804	1807	1812	rVB	46556	46891	1.79%	0.155%
36	12.792	1816	1820	1824	rVV	1337916	1144260	43.76%	3.774%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
Data File : BF137933.D
Acq On : 17 May 2024 15:49
Operator : CG\JU
Sample : P2482-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-02-229

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-BF051424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.863	1829	1832	1834	rBV2	31429	45626	1.75%	0.150%
38	13.004	1852	1856	1857	rBV	226948	214446	8.20%	0.707%
39	13.027	1857	1860	1865	rVV	1090823	941270	36.00%	3.104%
40	13.068	1865	1867	1871	rVB3	53242	49239	1.88%	0.162%
41	13.163	1876	1883	1886	rBV	2765581	2401648	91.86%	7.921%
42	13.233	1891	1895	1900	rBV2	65330	117502	4.49%	0.388%
43	13.321	1907	1910	1912	rBV3	39077	46891	1.79%	0.155%
44	13.351	1912	1915	1918	rVB	154554	136195	5.21%	0.449%
45	13.415	1923	1926	1929	rBV	131817	115543	4.42%	0.381%
46	13.457	1929	1933	1935	rBV2	77980	85423	3.27%	0.282%
47	13.480	1935	1937	1940	rVV	42453	34970	1.34%	0.115%
48	13.551	1946	1949	1951	rBV2	42260	42146	1.61%	0.139%
49	13.580	1951	1954	1957	rBV2	51537	56896	2.18%	0.188%
50	13.857	1999	2001	2005	rVB	63097	62467	2.39%	0.206%
51	13.974	2016	2021	2023	rBV2	86168	104430	3.99%	0.344%
52	14.004	2023	2026	2028	rVV	88963	99755	3.82%	0.329%
53	14.027	2028	2030	2031	rVV	86584	82175	3.14%	0.271%
54	14.062	2031	2036	2044	rVB4	139095	304741	11.66%	1.005%
55	14.221	2058	2063	2066	rBV2	968775	1255748	48.03%	4.142%
56	14.251	2066	2068	2074	rVB	476624	399196	15.27%	1.317%
57	14.333	2079	2082	2085	rBV	84807	71759	2.74%	0.237%
58	14.409	2093	2095	2098	rVB	38871	34871	1.33%	0.115%
59	14.451	2098	2102	2104	rVB2	41755	53060	2.03%	0.175%
60	14.609	2127	2129	2133	rVB	79091	69830	2.67%	0.230%
61	14.645	2133	2135	2138	rVB	47453	38677	1.48%	0.128%
62	14.745	2149	2152	2153	rBV	42878	40833	1.56%	0.135%
63	14.768	2153	2156	2159	rVB3	54422	55959	2.14%	0.185%
64	14.933	2181	2184	2187	rBV2	31031	43824	1.68%	0.145%
65	15.315	2244	2249	2252	rBV	385638	602533	23.04%	1.987%
66	15.433	2266	2269	2273	rBV	75763	83297	3.19%	0.275%
67	15.527	2283	2285	2287	rBV3	27203	30163	1.15%	0.099%
68	15.651	2302	2306	2312	rVB	239192	319747	12.23%	1.055%
69	15.715	2313	2317	2324	rVV	344871	447803	17.13%	1.477%
70	15.786	2324	2329	2333	rVV	647247	886425	33.90%	2.923%
71	15.821	2333	2335	2341	rVB2	109571	135071	5.17%	0.445%
72	16.403	2431	2434	2438	rVB2	29908	38712	1.48%	0.128%
73	17.045	2532	2543	2559	rVB2	162978	770198	29.46%	2.540%
74	17.403	2597	2604	2613	rVB2	165643	353189	13.51%	1.165%
75	17.598	2633	2637	2643	rBV	31665	60590	2.32%	0.200%
76	17.674	2645	2650	2653	rBV2	23297	43146	1.65%	0.142%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
Data File : BF137933.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-02-229

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-BF051424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	17.897	2681	2688	2695	rBV	116026	249005	9.52%	0.821%
78	18.156	2729	2732	2737	rVB3	25297	45933	1.76%	0.151%

Sum of corrected areas: 30320714

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
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Acq On : 17 May 2024 15:49
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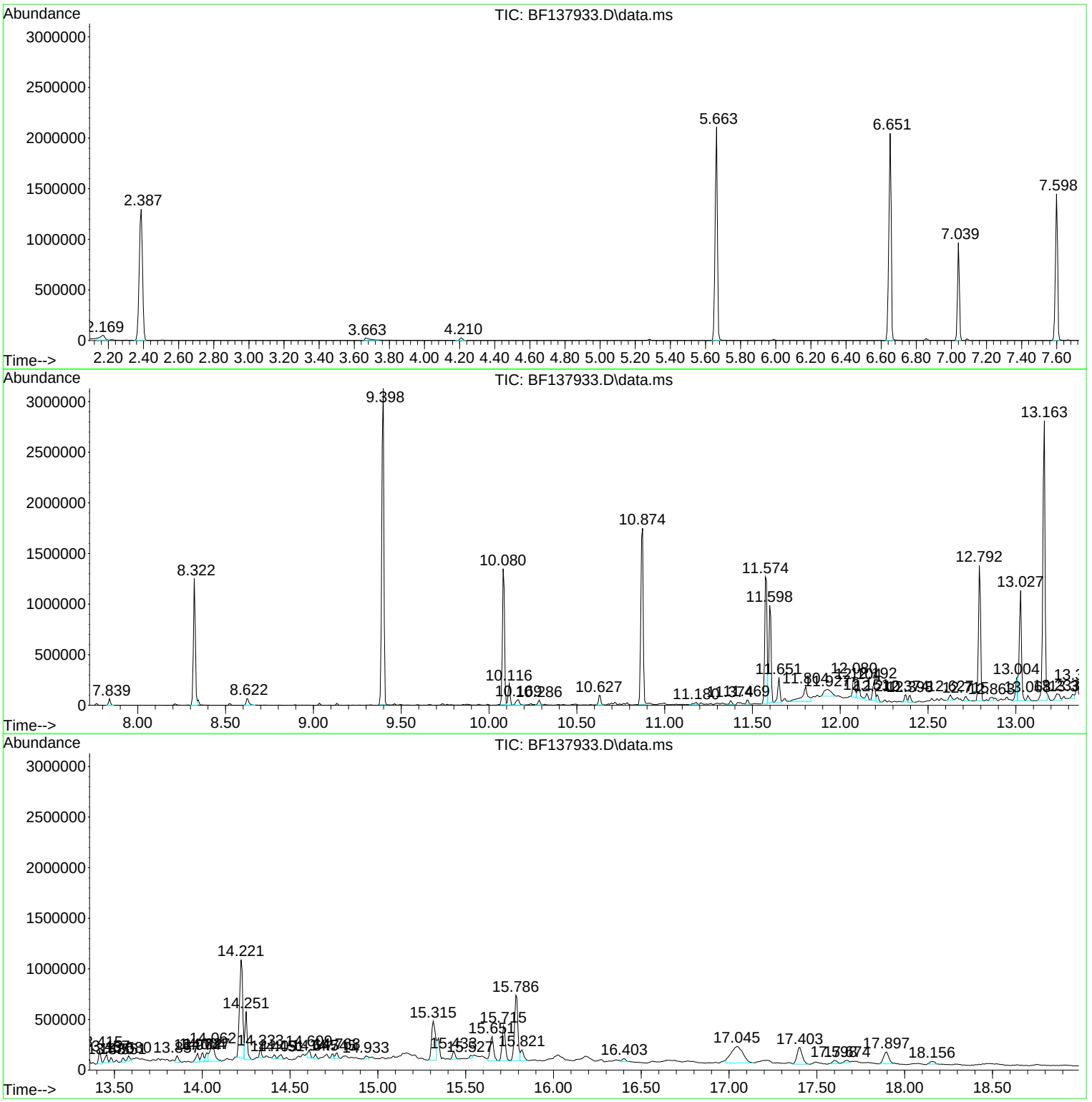
Sample : P2482-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-02-229

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
Data File : BF137933.D
Acq On : 17 May 2024 15:49
Operator : CG\JU
Sample : P2482-03
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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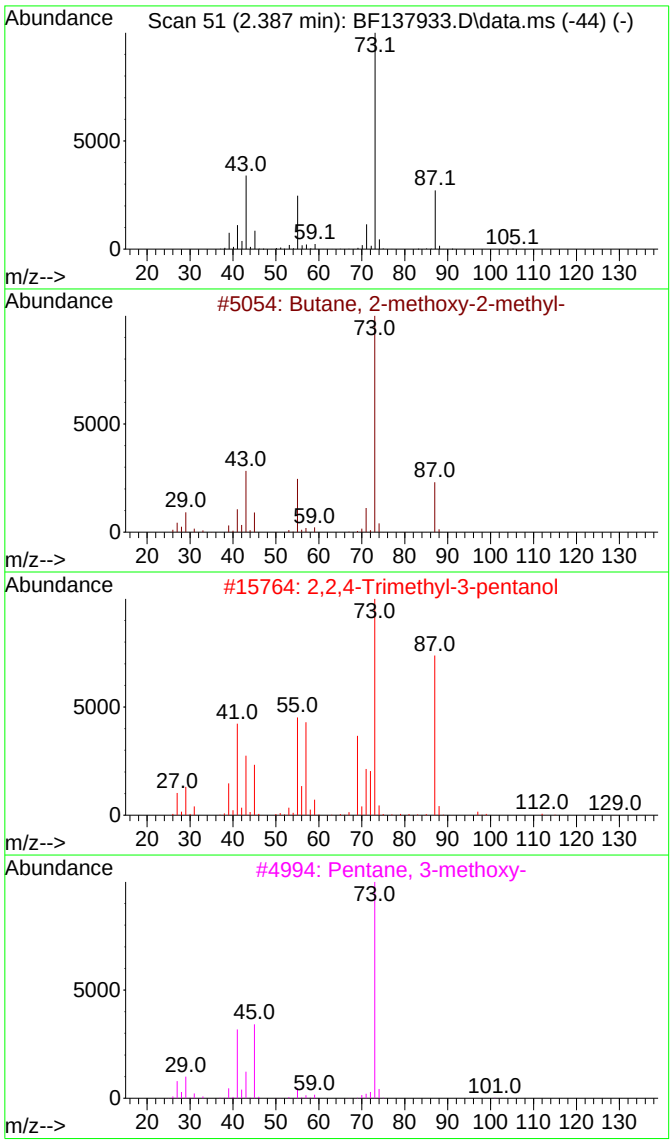
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

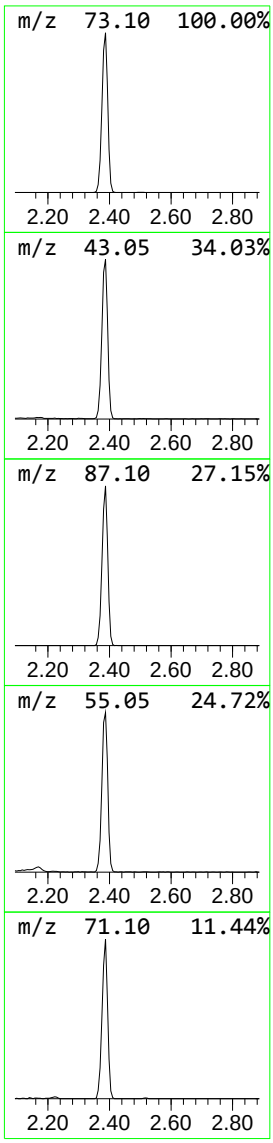
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.387	47.22 ng	1692230	1,4-Dichlorobenzene-d4	7.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
Data File : BF137933.D
Acq On : 17 May 2024 15:49
Operator : CG\JU
Sample : P2482-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-02-229

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

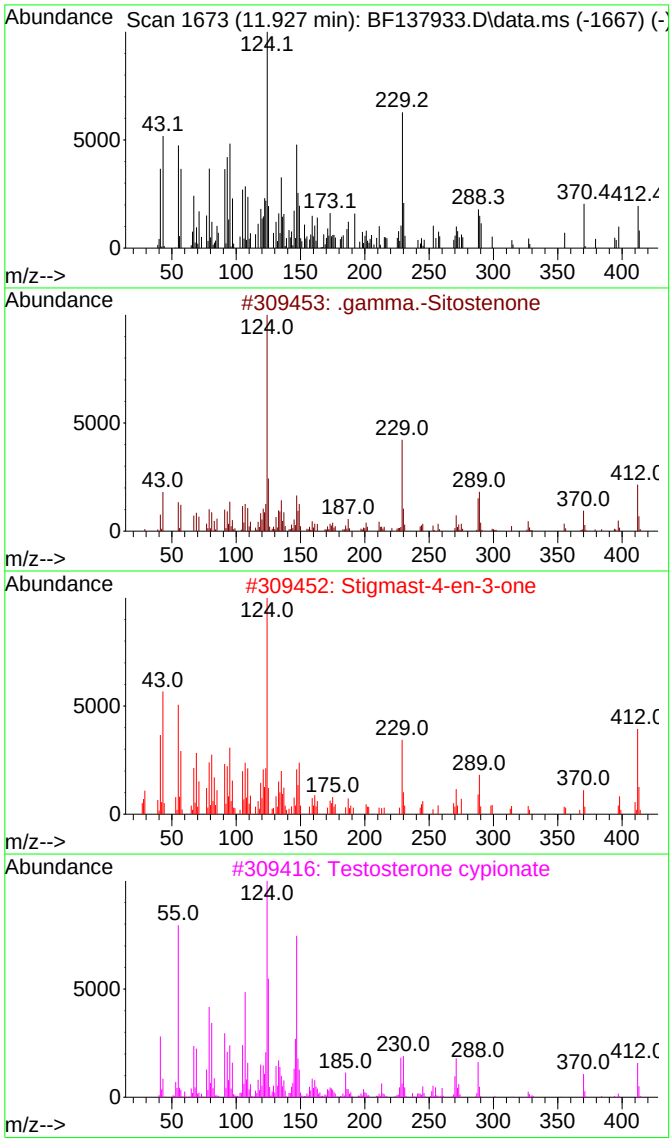
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

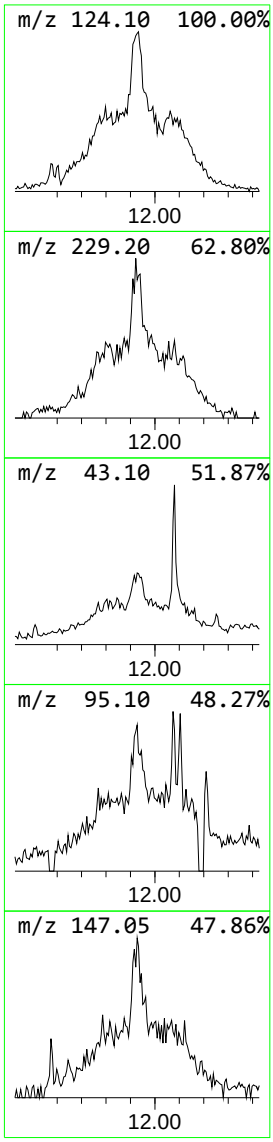
****

Peak Number 4 .gamma.-Sitostenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	3.31 ng	190692	Phenanthrene-d10	11.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitostenone	412	C29H48O	084924-96-9	50
2	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	49
3	Testosterone cypionate	412	C27H40O3	000058-20-8	41
4	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	38
5	Testosterone	288	C19H28O2	000058-22-0	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
Data File : BF137933.D
Acq On : 17 May 2024 15:49
Operator : CG\JU
Sample : P2482-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-02-229

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

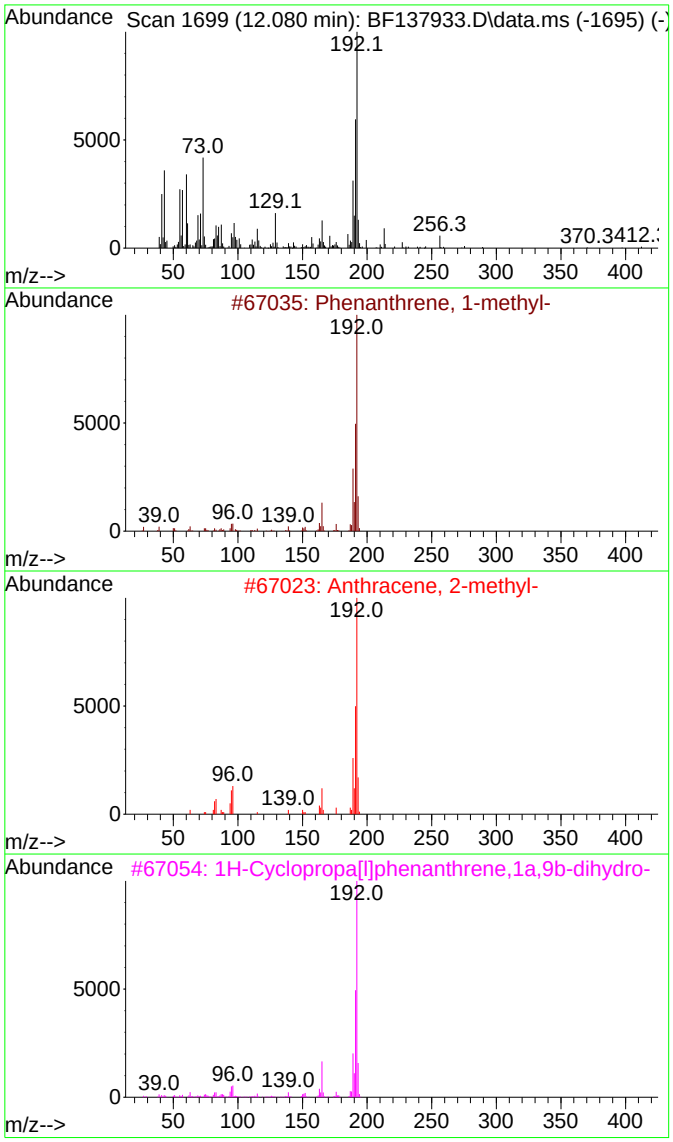
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

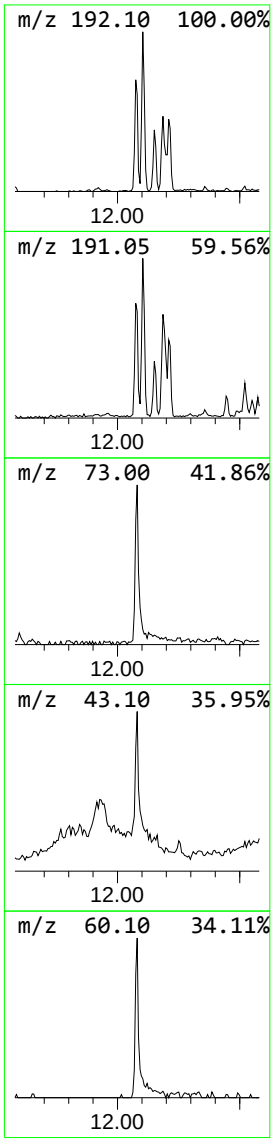
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	3.39 ng	194980	Phenanthrene-d10	11.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
Data File : BF137933.D
Acq On : 17 May 2024 15:49
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Sample : P2482-03
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-02-229

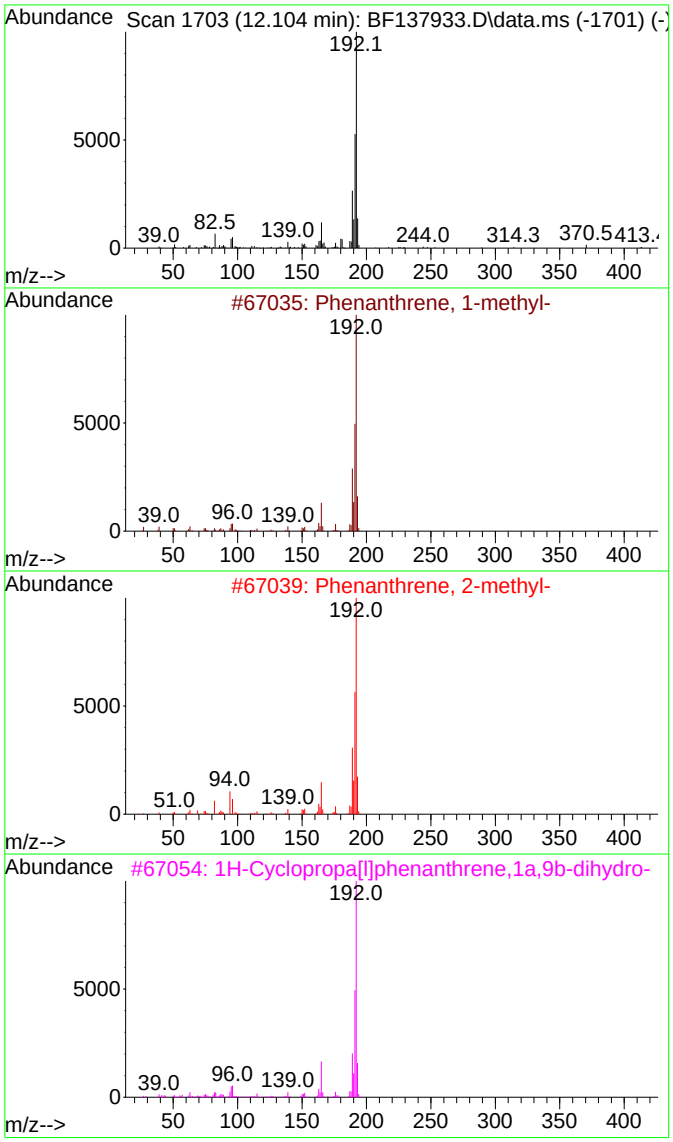
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

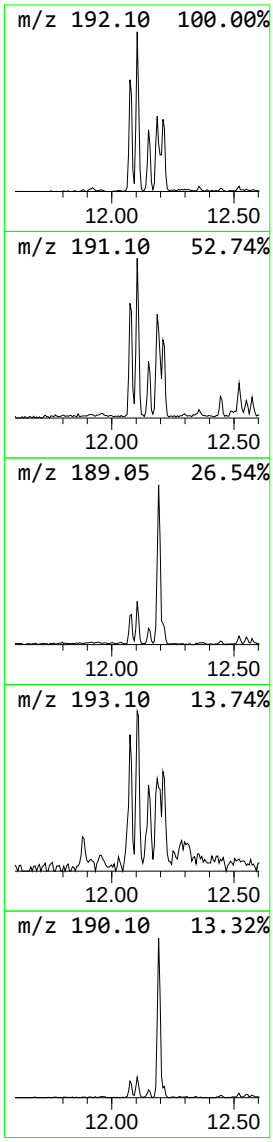
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	2.47 ng	142361	Phenanthrene-d10	11.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
Data File : BF137933.D
Acq On : 17 May 2024 15:49
Operator : CG\JU
Sample : P2482-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-02-229

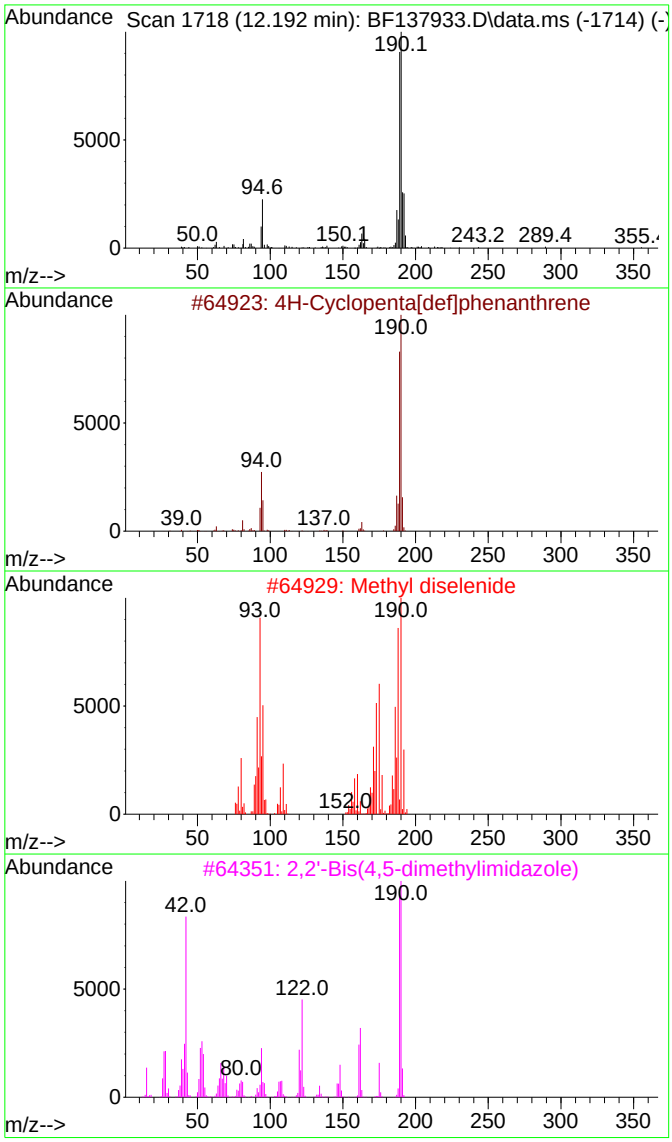
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

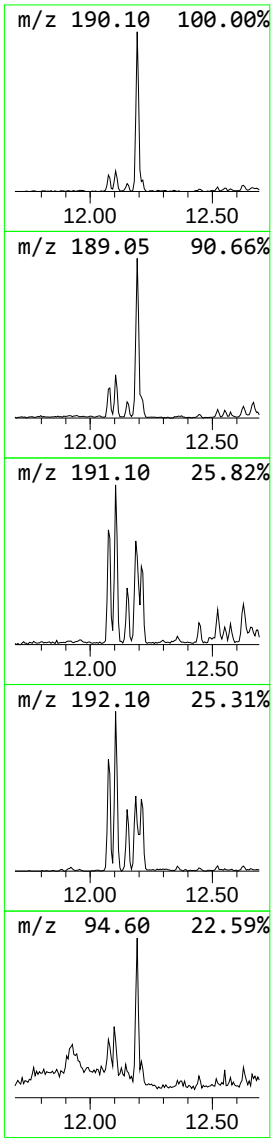
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	3.22 ng	185466	Phenanthrene-d10	11.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Methyl diselenide	190	C2H6Se2	007101-31-7	49
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	17
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
Data File : BF137933.D
Acq On : 17 May 2024 15:49
Operator : CG\JU
Sample : P2482-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-02-229

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

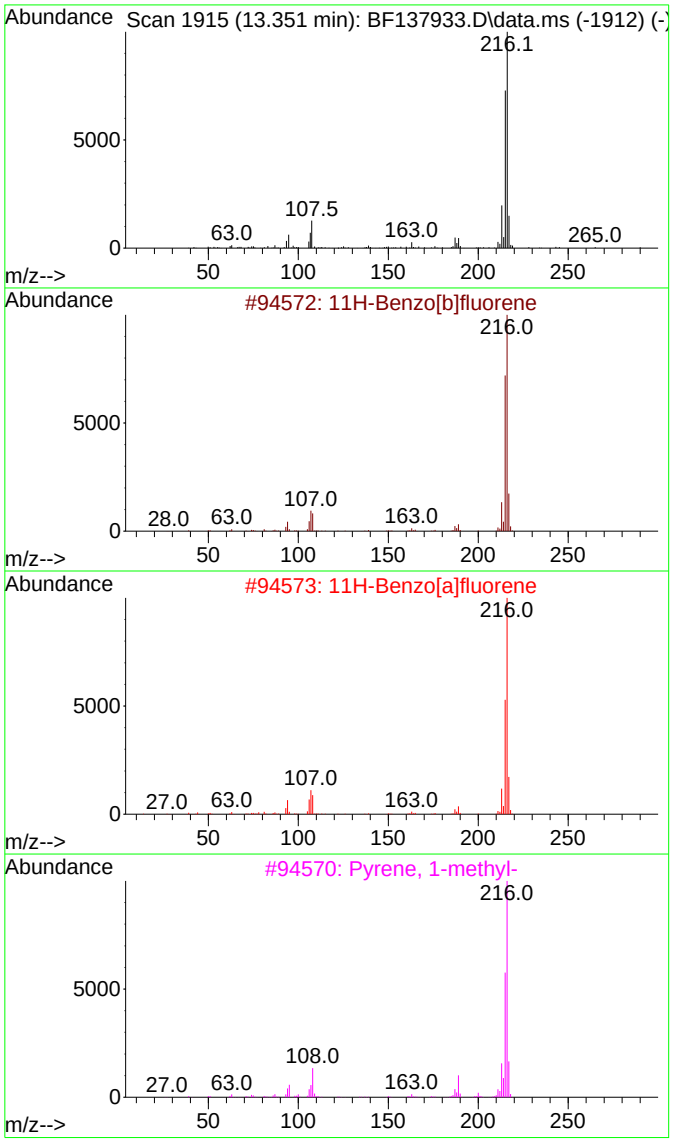
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

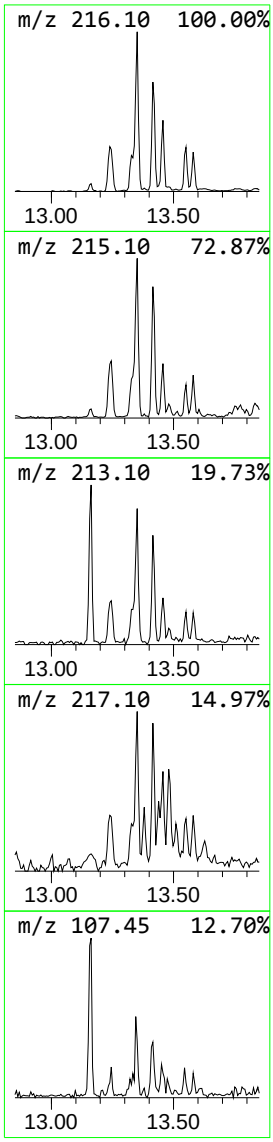
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.351	2.17 ng	136195	Chrysene-d12	14.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	80
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
Data File : BF137933.D
Acq On : 17 May 2024 15:49
Operator : CG\JU
Sample : P2482-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-02-229

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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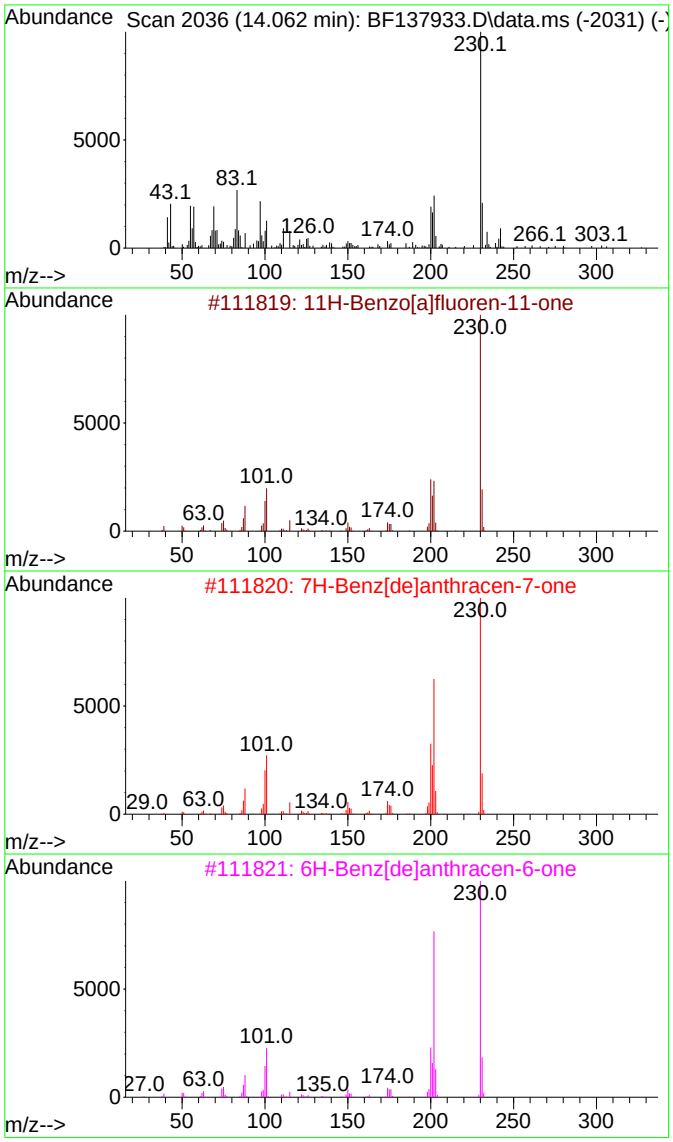
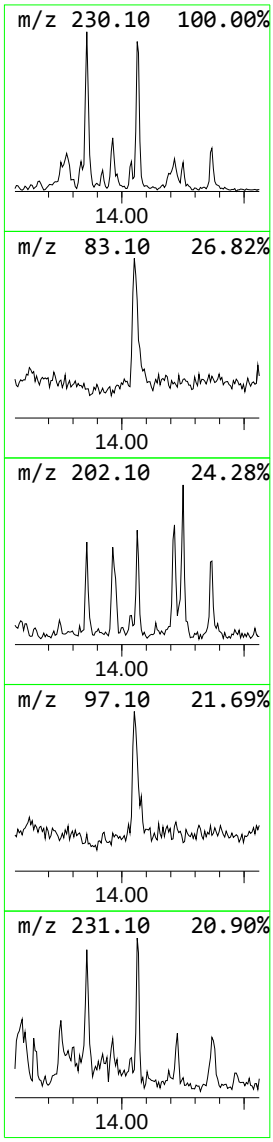
Peak Number 9 11H-Benzo[a]fluoren-11-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.063	4.85 ng	304741	Chrysene-d12	14.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	76
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	62
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	50
4	benzonitrile, 2-(3-isoquinolinyl)-	230	C16H10N2	1000401-00-3	50
5	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	50





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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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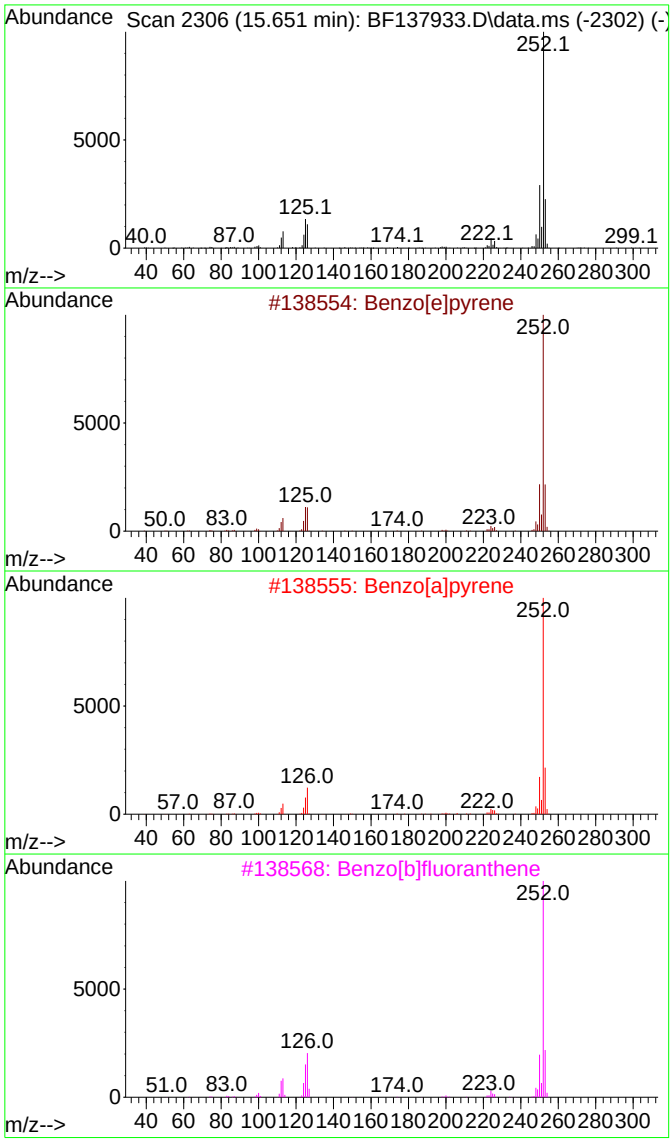
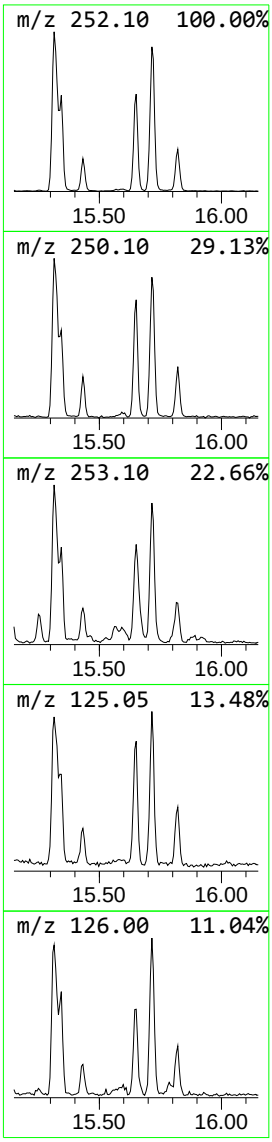
Peak Number 10 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	7.21 ng	319747	Perylene-d12	15.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





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Data File : BF137933.D
Acq On : 17 May 2024 15:49
Operator : CG\JU
Sample : P2482-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-02-229

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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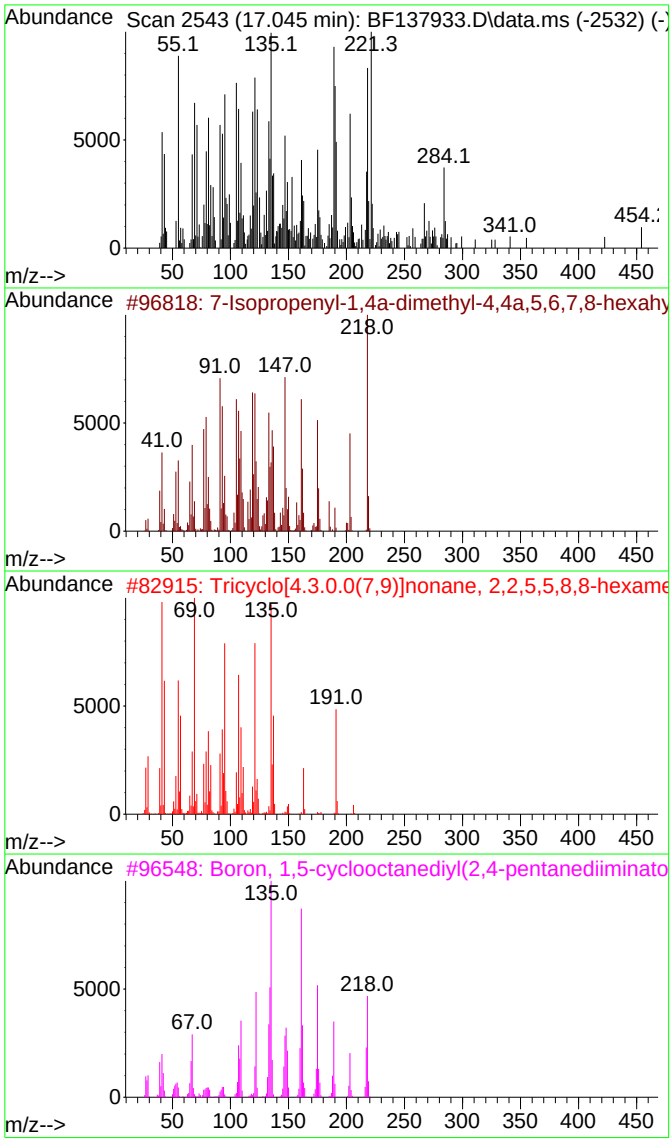
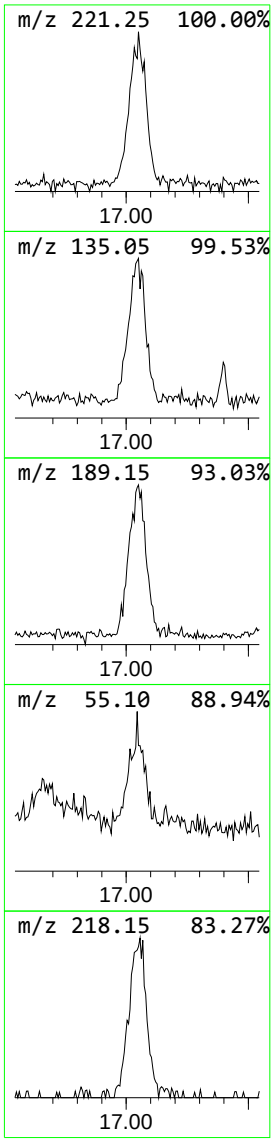
Peak Number 11 7-Isopropenyl-1,4a-dimethyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.045	17.38 ng	770198	Perylene-d12	15.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Isopropenyl-1,4a-dimethyl-4,4a...	218	C15H22O	000473-08-5	91
2	Tricyclo[4.3.0.0(7,9)]nonane, 2,...	206	C15H26	054832-82-5	42
3	Boron, 1,5-cyclooctanediyl(2,4-p...	218	C13H23BN2	136704-99-9	30
4	2H-Cyclopropa[a]naphthalen-2-one...	218	C15H22O	006831-17-0	25
5	6-Fluoro-4-hydroxy-N-(pyrimidin-...	284	C14H9FN4O2	1000409-44-5	20





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.387	47.2	ng	1692230	1	7.039	716765	20.0
.gamma.-Sitoste...	11.927	3.3	ng	190692	4	11.580	1150540	20.0
Phenanthrene, 1...	12.080	3.4	ng	194980	4	11.580	1150540	20.0
1H-Cyclopropa[l...	12.104	2.5	ng	142361	4	11.580	1150540	20.0
4H-Cyclopenta[d...	12.192	3.2	ng	185466	4	11.580	1150540	20.0
11H-Benzo[b]flu...	13.351	2.2	ng	136195	5	14.227	1255750	20.0
11H-Benzo[a]flu...	14.063	4.8	ng	304741	5	14.227	1255750	20.0
Benzo[e]pyrene	15.651	7.2	ng	319747	6	15.786	886425	20.0
7-Isopropenyl-1...	17.045	17.4	ng	770198	6	15.786	886425	20.0