LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130971.D
Acq On : 03 Nov 2022 21:28
Operator : CG\JU
Sample : N5395-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-13-103122

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130971.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.193	13	18	28	rVB	487422	635248	41.69%	3.544%
2	2.305	33	37	40	rBV	36674	44639	2.93%	0.249%
3	4.010	322	327	332	rVB	79219	95662	6.28%	0.534%
4	5.134	514	518	526	rBV	384317	425495	27.92%	2.374%
5	5.534	581	586	589	rBV	1587927	1523827	100.00%	8.501%
6	6.192	695	698	702	rBV	146658	119105	7.82%	0.664%
7	6.363	725	727	730	rVB	26790	21478	1.41%	0.120%
8	6.534	752	756	766	rVB	1536428	1451924	95.28%	8.100%
9	6.916	818	821	824	rBV	533954	408836	26.83%	2.281%
10	7.316	882	889	896	rBV2	30295	39985	2.62%	0.223%
11	7.481	912	917	920	rBV	1036597	924561	60.67%	5.158%
12	8.110	1020	1024	1033	rBV2	54084	87159	5.72%	0.486%
13	8.198	1036	1039	1042	rVV	538806	451230	29.61%	2.517%
14	8.222	1042	1043	1046	rVB	42774	23552	1.55%	0.131%
15	9.275	1218	1222	1226	rBV	1526788	1357593	89.09%	7.574%
16	9.822	1311	1315	1317	rBV	28469	23188	1.52%	0.129%
17	9.963	1335	1339	1342	rBV	466551	406825	26.70%	2.270%
18	9.992	1342	1344	1348	rVB	54935	40164	2.64%	0.224%
19	10.163	1367	1373	1377	rBV2	33926	39792	2.61%	0.222%
20	10.386	1403	1411	1413	rVB4	12460	18952	1.24%	0.106%
21	10.510	1428	1432	1436	rBV	60375	47710	3.13%	0.266%
22	10.751	1469	1473	1476	rBV	920392	755296	49.57%	4.214%
23	10.798	1479	1481	1484	rVB2	25558	20196	1.33%	0.113%
24	11.057	1519	1525	1527	rBV4	13376	16684	1.09%	0.093%
25	11.310	1563	1568	1571	rBV5	18395	21874	1.44%	0.122%
26	11.351	1571	1575	1579	rVB	29748	33314	2.19%	0.186%
27	11.451	1589	1592	1594	rBV	484242	404831	26.57%	2.258%
28	11.475	1594	1596	1599	rVV	453035	391934	25.72%	2.186%
29	11.527	1602	1605	1608	rVV	129551	105207	6.90%	0.587%
30	11.563	1608	1611	1617	rVB2	12747	18134	1.19%	0.101%
31	11.680	1625	1631	1635	rBV	46360	55866	3.67%	0.312%
32	11.957	1674	1678	1679	rBV	51607	46794	3.07%	0.261%
33	11.980	1679	1682	1686	rVV2	87483	119528	7.84%	0.667%
34	12.033	1689	1691	1693	rVV	27896	19922	1.31%	0.111%
35	12.069	1693	1697	1699	rVV2	100206	97064	6.37%	0.541%
36	12.092	1699	1701	1704	rVB	34644	26768	1.76%	0.149%

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-13-103122

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.157	1706	1712	1714	rBV5	12821	25045	1.64%	0.140%
38	12.251	1725	1728	1730	rBV2	51703	43524	2.86%	0.243%
39	12.274	1730	1732	1735	rVB2	36187	30716	2.02%	0.171%
40	12.322	1736	1740	1742	rBV4	18851	18933	1.24%	0.106%
41	12.433	1756	1759	1761	rBV2	26885	25588	1.68%	0.143%
42	12.504	1768	1771	1774	rBV	34176	39559	2.60%	0.221%
43	12.545	1774	1778	1783	rVV4	68832	100739	6.61%	0.562%
44	12.592	1783	1786	1791	rVV2	28901	36998	2.43%	0.206%
45	12.674	1796	1800	1803	rBV	774148	719084	47.19%	4.012%
46	12.710	1803	1806	1808	rVV4	18924	23464	1.54%	0.131%
47	12.763	1812	1815	1818	rBV3	34485	32460	2.13%	0.181%
48	12.821	1823	1825	1828	rVV	33647	38865	2.55%	0.217%
49	12.904	1832	1839	1842	rVV	712255	773250	50.74%	4.314%
50	12.951	1844	1847	1852	rVB2	34089	45381	2.98%	0.253%
51	13.045	1859	1863	1866	rVB	1615772	1379388	90.52%	7.695%
52	13.121	1871	1876	1879	rBV3	43183	78243	5.13%	0.436%
53	13.151	1879	1881	1883	rVB	48863	35687	2.34%	0.199%
54	13.204	1887	1890	1891	rBV3	44999	47833	3.14%	0.267%
55	13.227	1891	1894	1898	rVB	123813	120795	7.93%	0.674%
56	13.298	1903	1906	1908	rBV	112166	94885	6.23%	0.529%
57	13.333	1909	1912	1914	rBV2	63855	68103	4.47%	0.380%
58	13.421	1924	1927	1931	rBV2	113561	140821	9.24%	0.786%
59	13.457	1931	1933	1936	rVV	31818	32847	2.16%	0.183%
60	13.739	1978	1981	1984	rVB	42606	46200	3.03%	0.258%
61	13.780	1986	1988	1994	rVV3	45575	46382	3.04%	0.259%
62	13.851	1998	2000	2003	rVV	61184	61702	4.05%	0.344%
63	13.880	2003	2005	2007	rVV	66079	53535	3.51%	0.299%
64	13.904	2007	2009	2013	rVV2	53906	79962	5.25%	0.446%
65	13.945	2013	2016	2019	rVB3	87046	93111	6.11%	0.519%
66	14.021	2027	2029	2035	rBV6	46300	76483	5.02%	0.427%
67	14.104	2038	2043	2045	rVV2	673512	899977	59.06%	5.021%
68	14.127	2045	2047	2053	rVB	377282	348997	22.90%	1.947%
69	14.204	2056	2060	2064	rBV2	128548	167082	10.96%	0.932%
70	14.563	2119	2121	2124	rBV2	67498	67129	4.41%	0.374%
71	15.163	2220	2223	2227	rBV	284600	449119	29.47%	2.506%
72	15.233	2233	2235	2240	rVB2	100916	112703	7.40%	0.629%
73	15.274	2240	2242	2246	rBV	54121	52899	3.47%	0.295%
74	15.480	2274	2277	2283	rVB	189951	228034	14.96%	1.272%
75	15.545	2285	2288	2295	rVB	240463	312602	20.51%	1.744%
76	15.615	2295	2300	2303	rBV	310375	428837	28.14%	2.392%

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S-13-103122

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
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.851	2336	2340	2344	rBV2	99663	127973	8.40%	0.714%

Sum of corrected areas: 17925272

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
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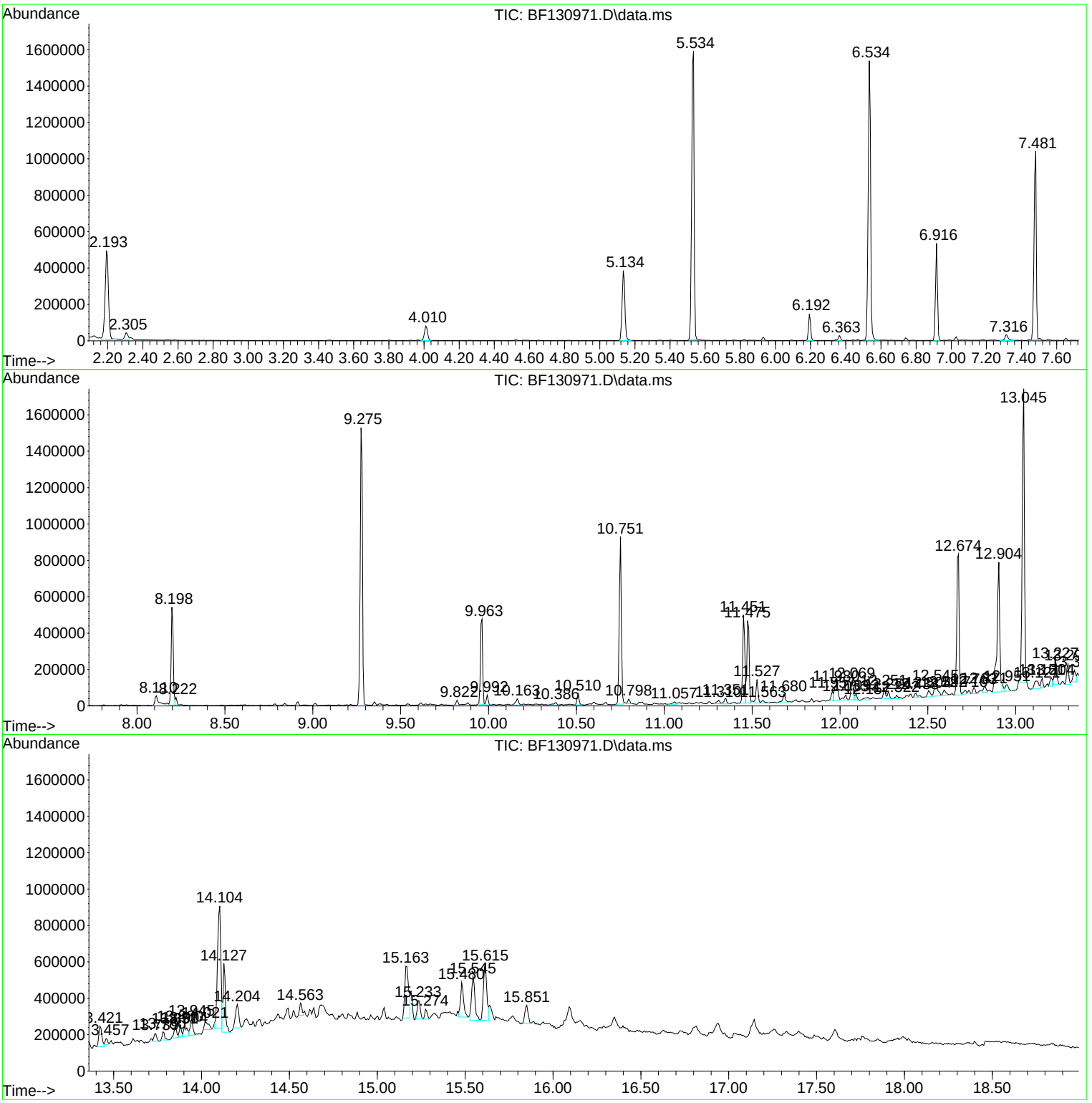
Acq On : 03 Nov 2022 21:28
Operator : CG\JU
Sample : N5395-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-13-103122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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\BF110322\
Data File : BF130971.D
Acq On : 03 Nov 2022 21:28
Operator : CG\JU
Sample : N5395-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-13-103122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

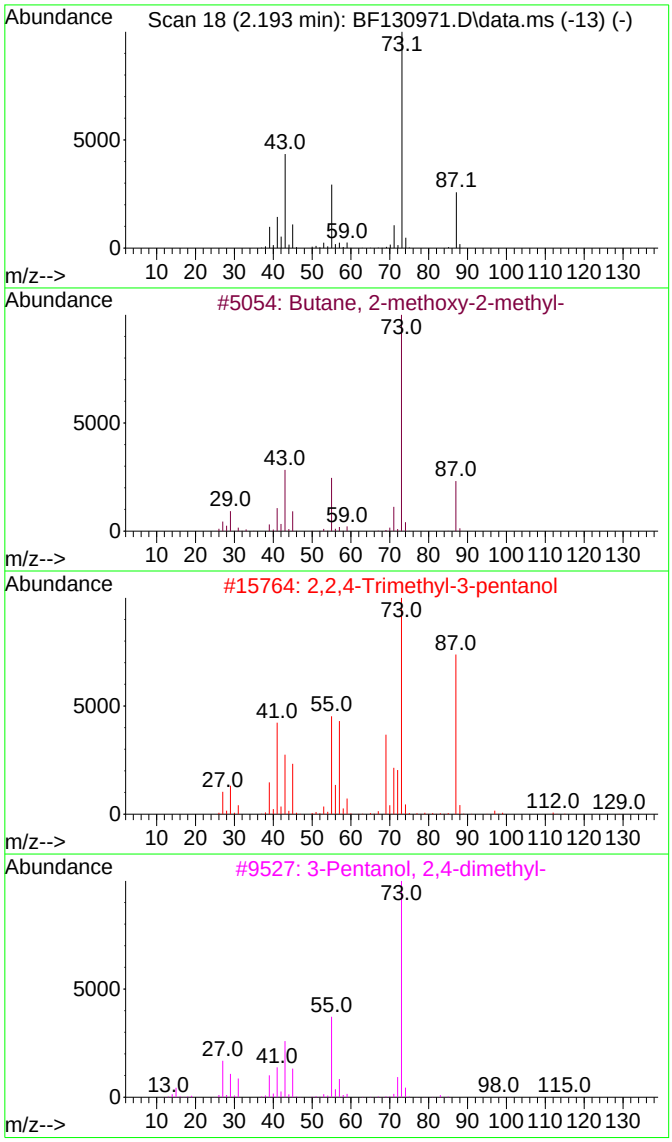
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

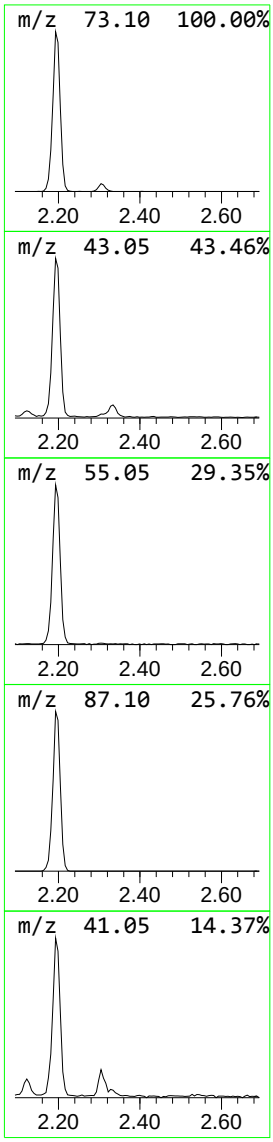
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.193	31.08 ng	635248	1,4-Dichlorobenzene-d4	6.916

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	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130971.D
Acq On : 03 Nov 2022 21:28
Operator : CG\JU
Sample : N5395-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-13-103122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

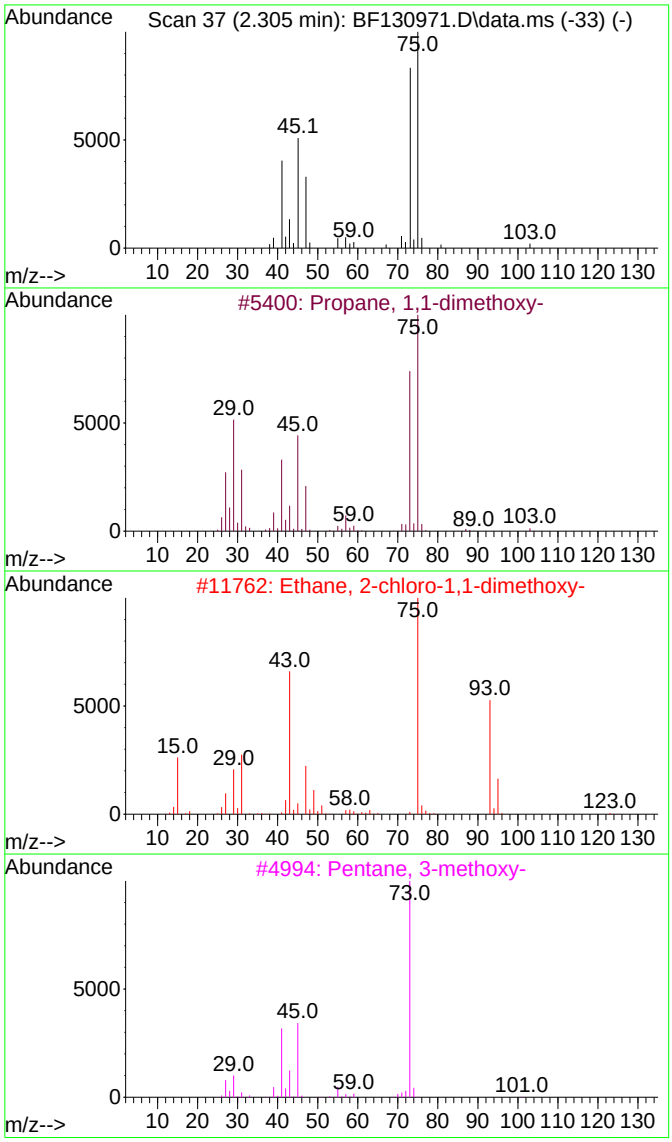
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

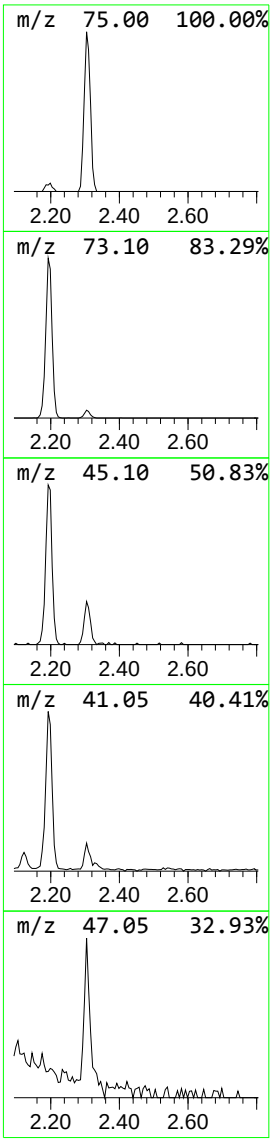
****

Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.305	2.18 ng	44639	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	Ethane, 2-chloro-1,1-dimethoxy-	124	C4H9ClO2	000097-97-2	28
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	22
4	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130971.D
Acq On : 03 Nov 2022 21:28
Operator : CG\JU
Sample : N5395-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-13-103122

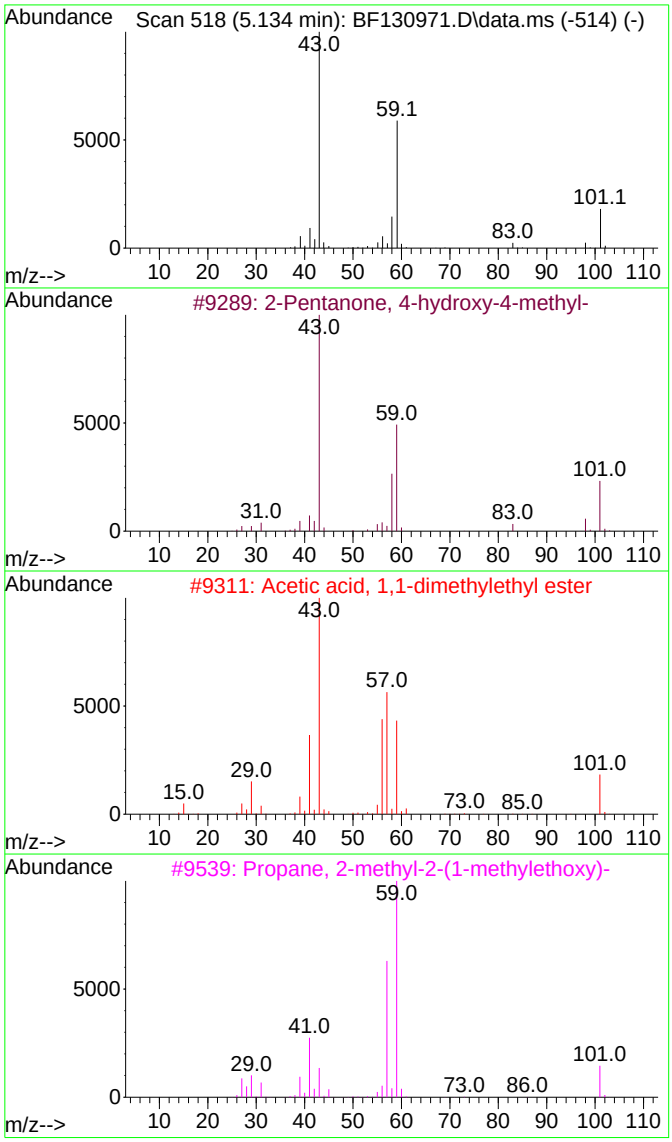
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

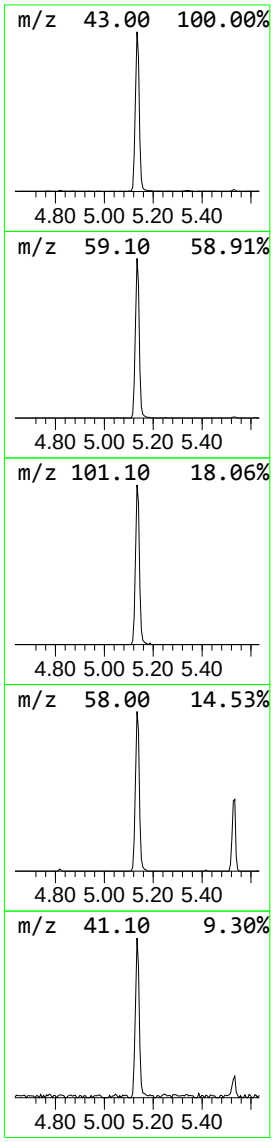
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.134	20.81 ng	425495	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

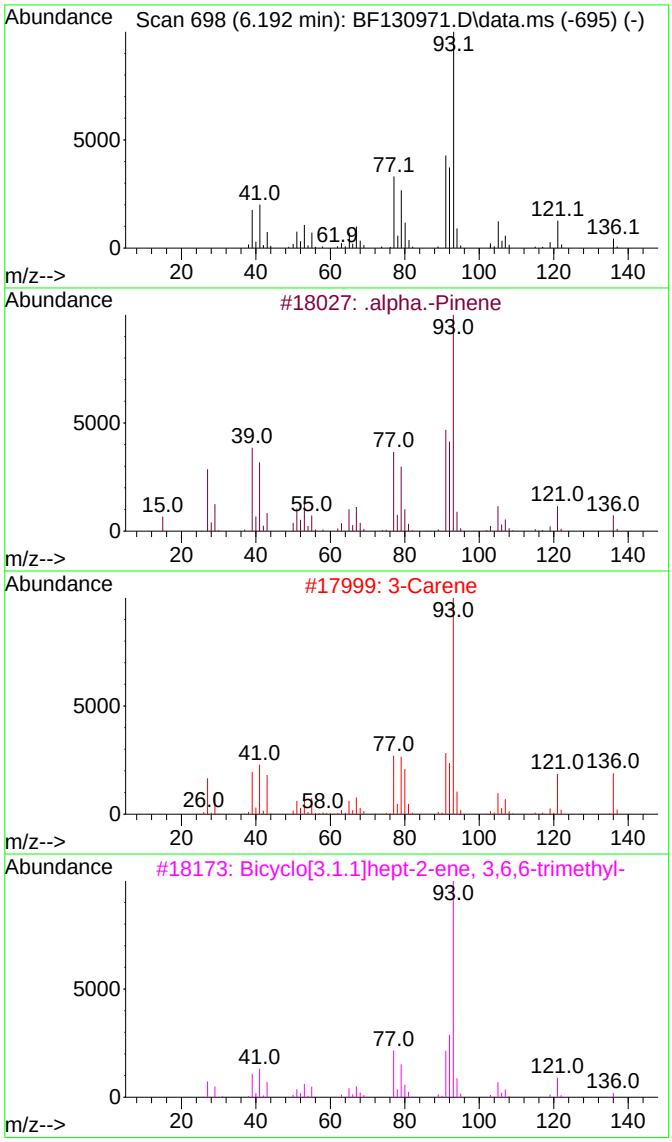
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

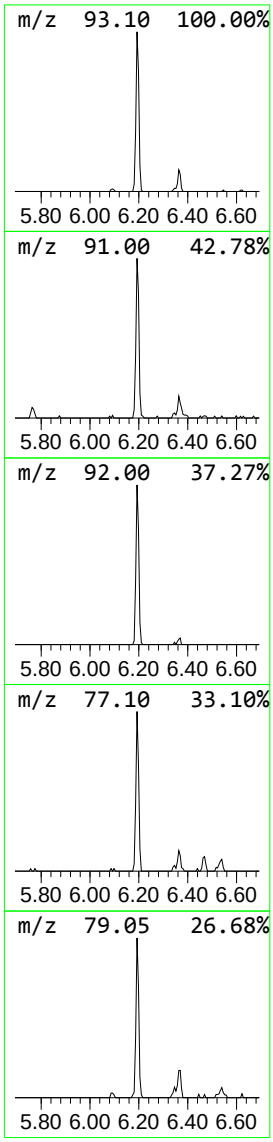
****

Peak Number 5 .alpha.-Pinene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.192	5.83 ng	119105	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	3-Carene	136	C10H16	013466-78-9	91
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5	(+)-3-Carene	136	C10H16	000498-15-7	91





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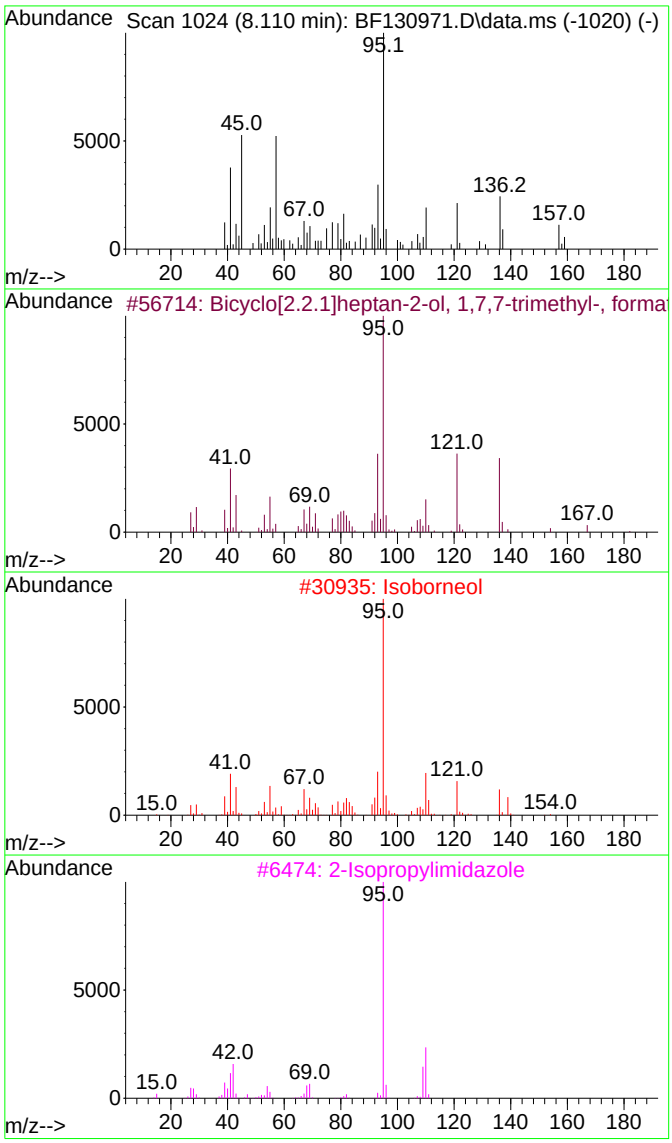
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

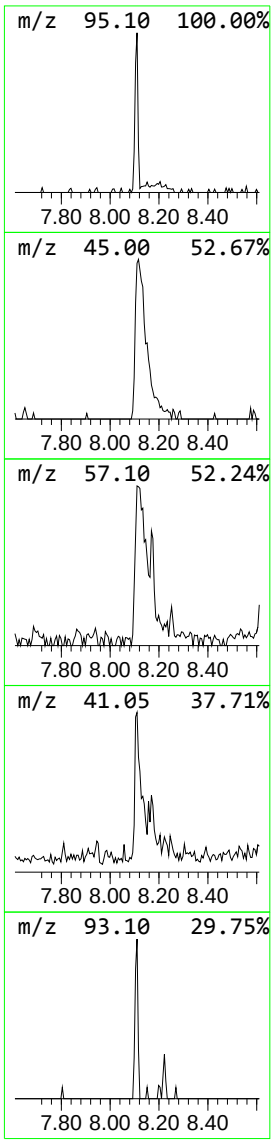
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.110	3.86 ng	87159	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	182	C11H18O2	007492-41-3	50
2	Isoborneol	154	C10H18O	000124-76-5	47
3	2-Isopropylimidazole	110	C6H10N2	036947-68-9	43
4	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	43
5	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	43





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Data File : BF130971.D
Acq On : 03 Nov 2022 21:28
Operator : CG\JU
Sample : N5395-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

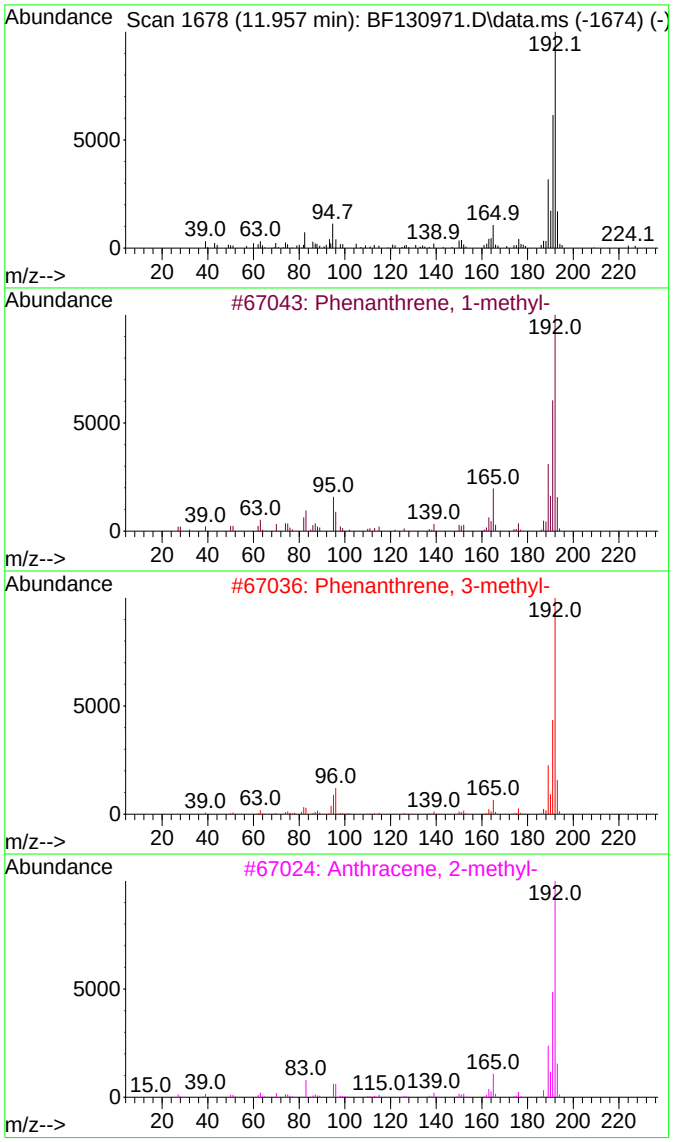
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

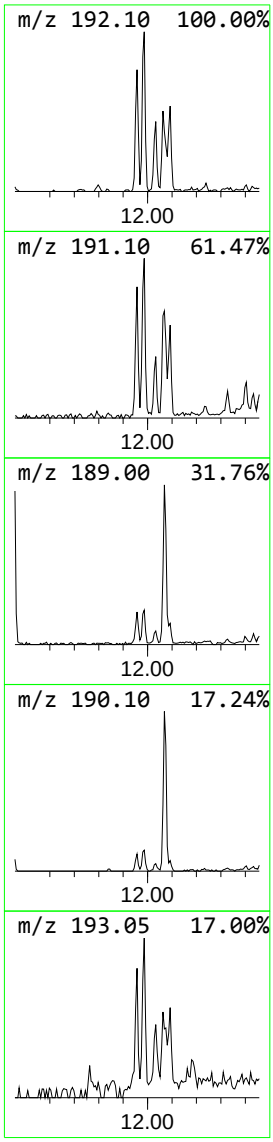
****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	2.31 ng	46794	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





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Operator : CG\JU
Sample : N5395-13
Misc :
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ClientSampleId :
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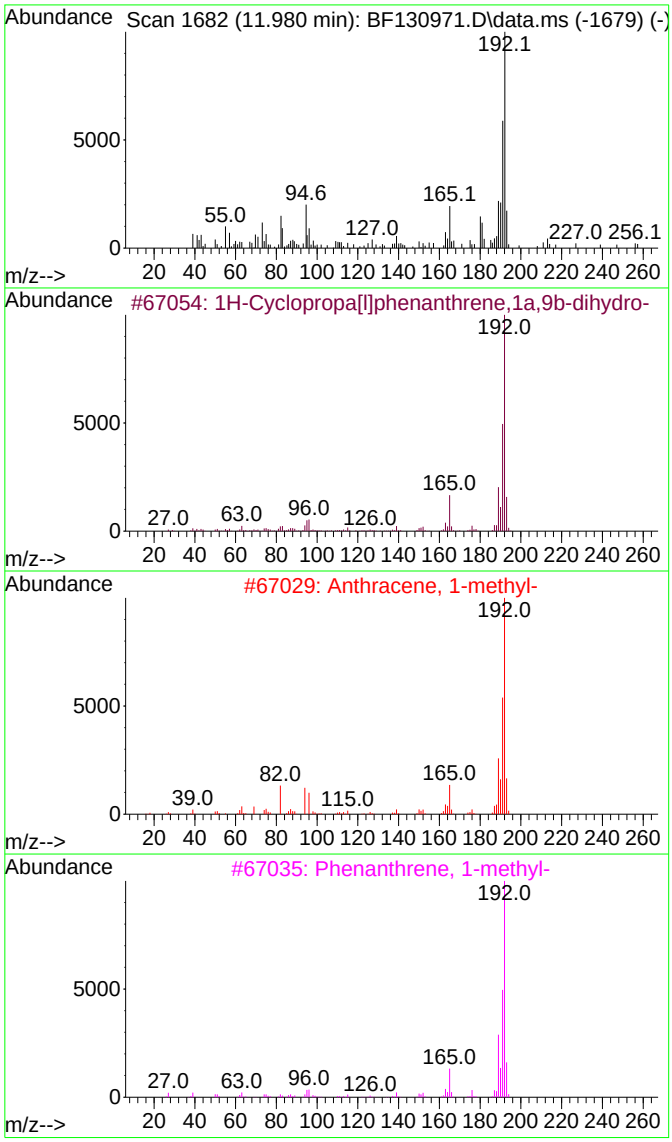
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

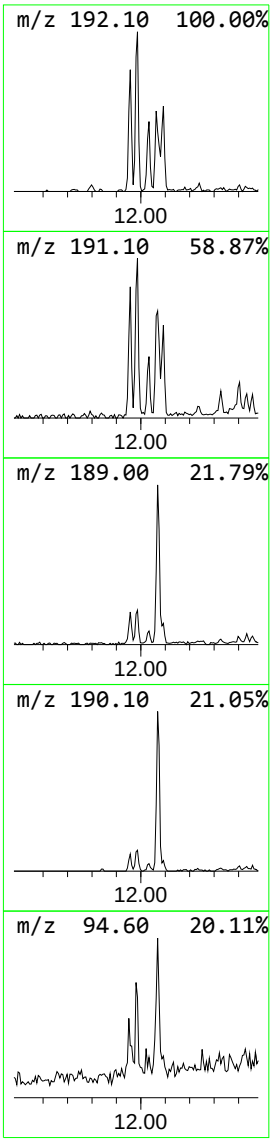
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	5.91 ng	119528	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86





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ClientSampleId :
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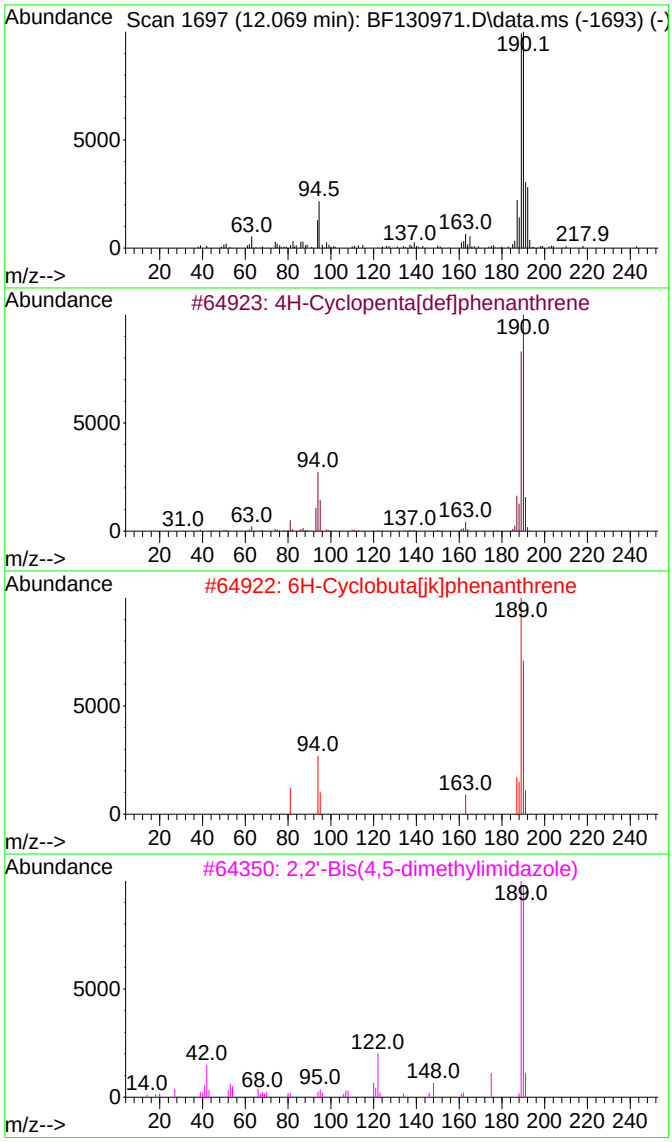
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

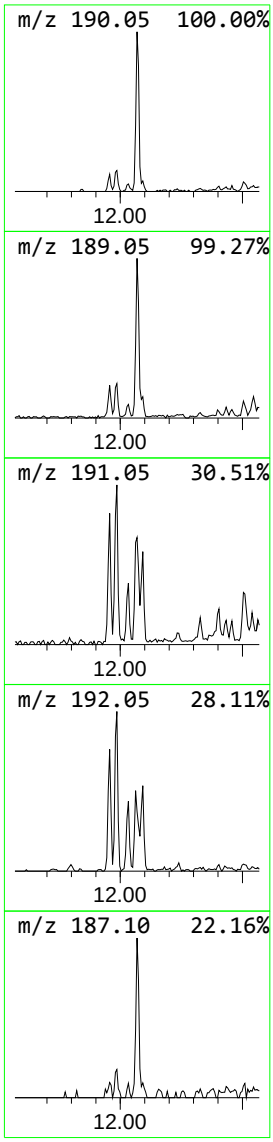
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	4.80 ng	97064	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25





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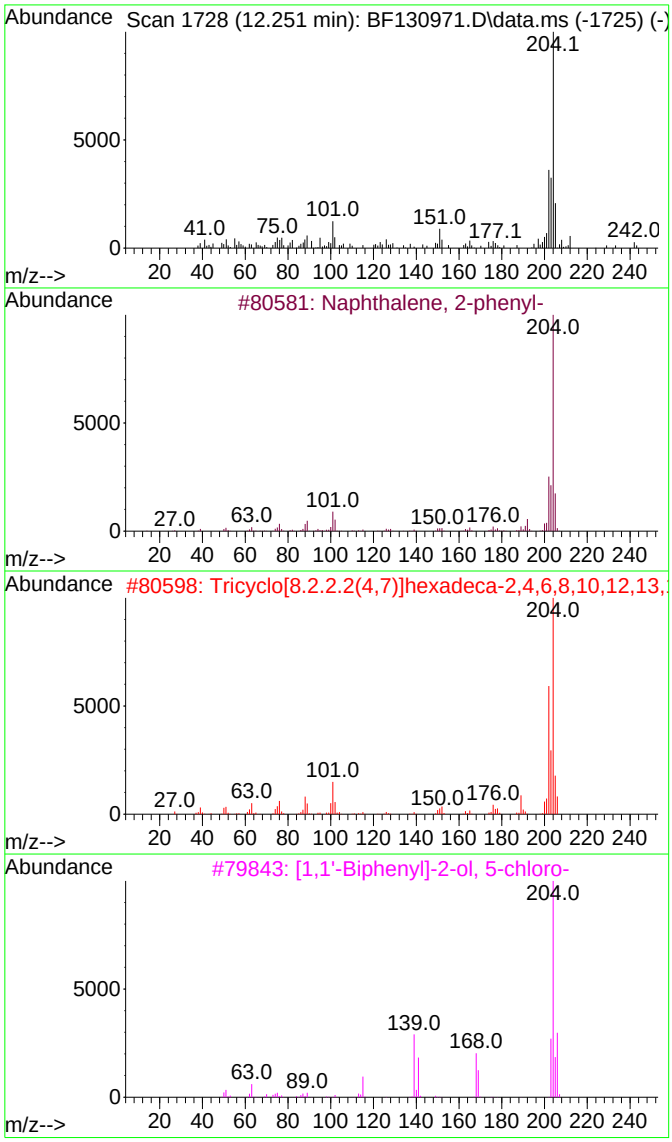
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

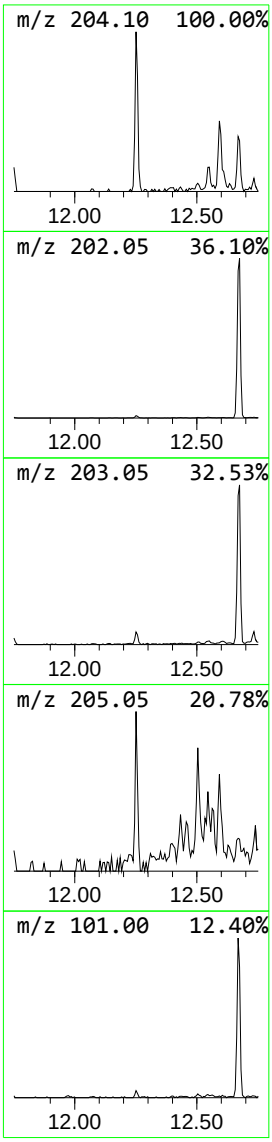
****

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	2.15 ng	43524	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	58
4	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	53
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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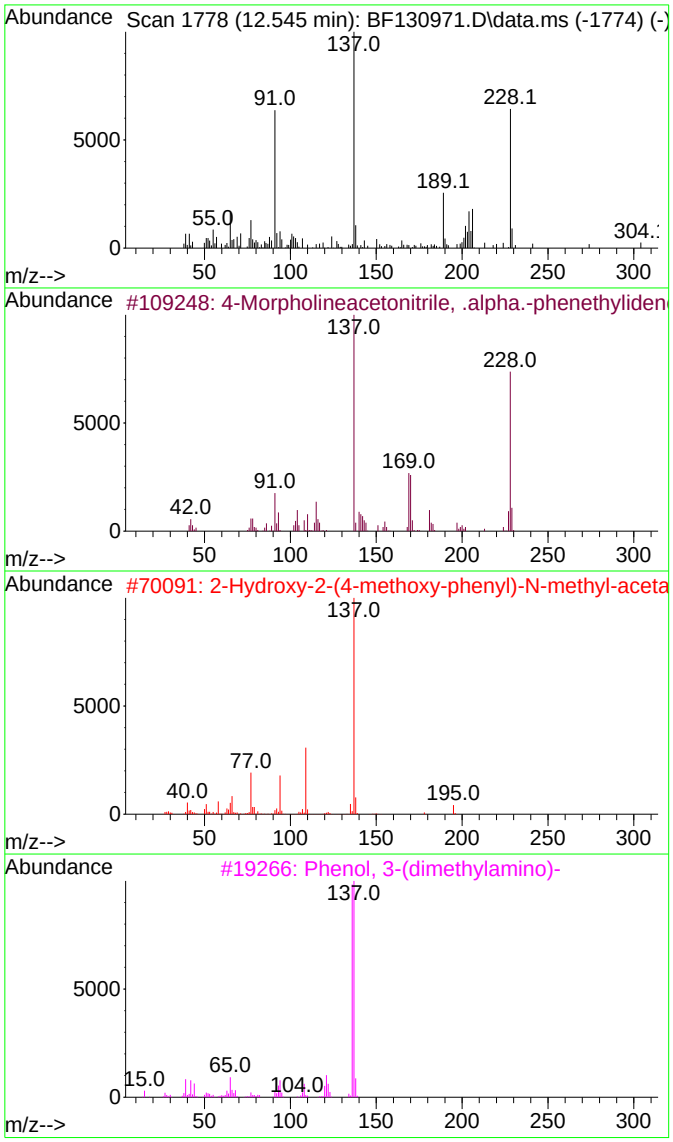
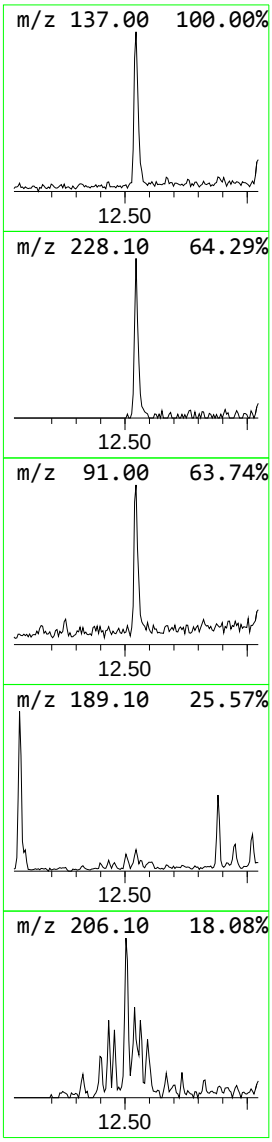
****
Peak Number 11 4-Morpholineacetonitrile, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.545	4.98 ng	100739	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Morpholineacetonitrile, .alpha...	228	C14H16N2O	033599-28-9	50
2	2-Hydroxy-2-(4-methoxy-phenyl)-N...	195	C10H13NO3	087920-02-3	35
3	Phenol, 3-(dimethylamino)-	137	C8H11NO	000099-07-0	35
4	(4-Methoxyphenyl)(2-methylenecyc...	232	C15H20O2	1010191-91-2	35
5	2,4-Dihydroxybenzohydrazide	168	C7H8N2O3	013221-86-8	35





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TIC Library : C:\Database\NIST20.L
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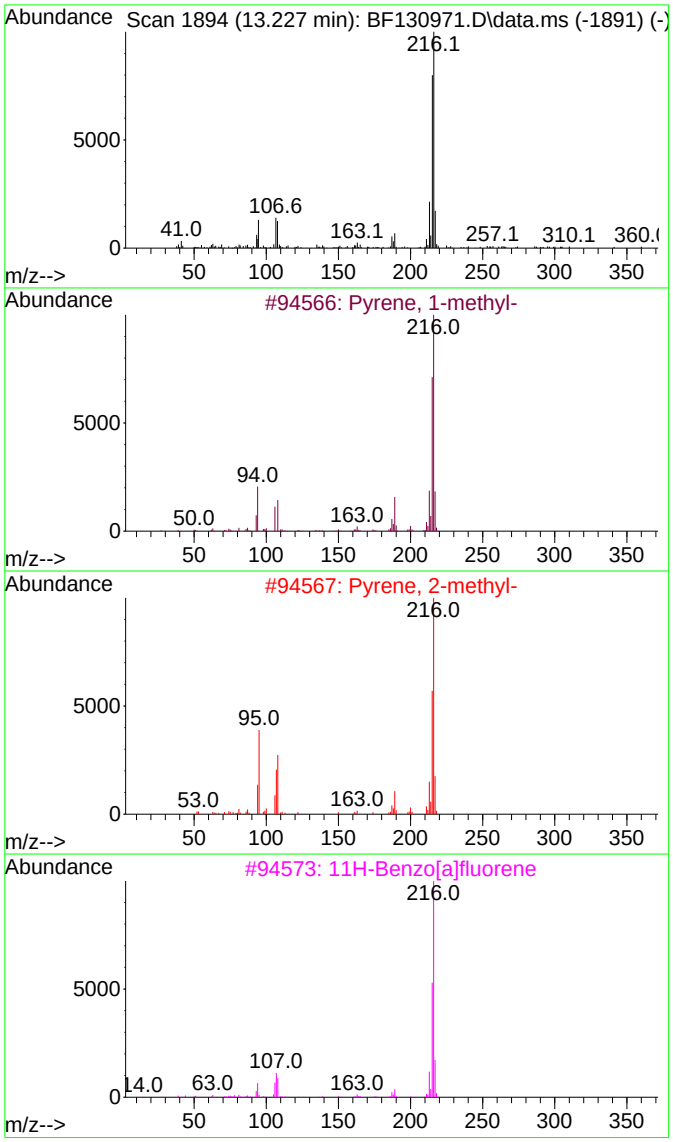
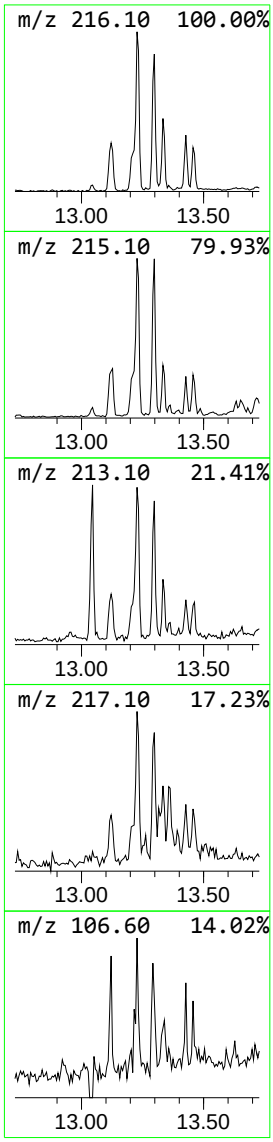
****

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.227	2.68 ng	120795	Chrysene-d12	14.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

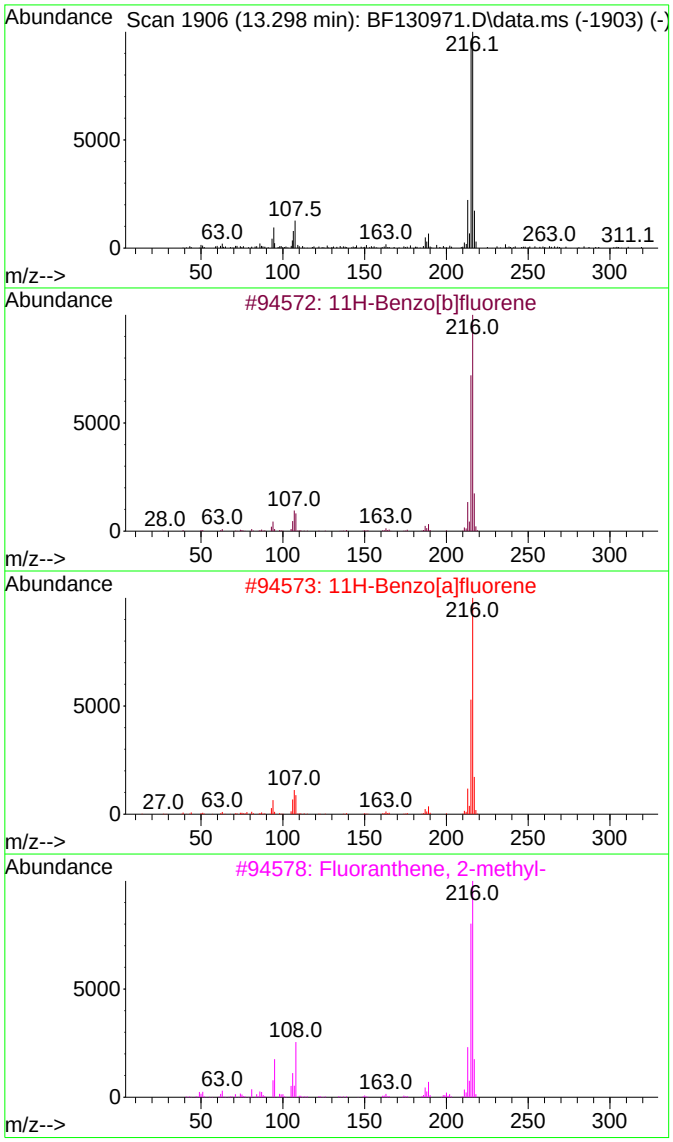
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

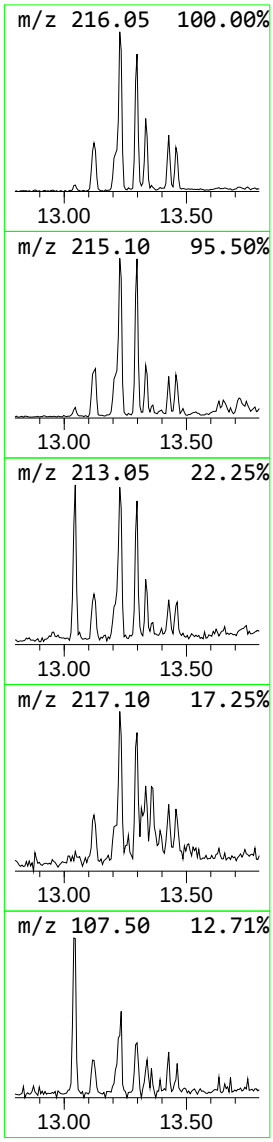
****

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.298	2.11 ng	94885	Chrysene-d12	14.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	62





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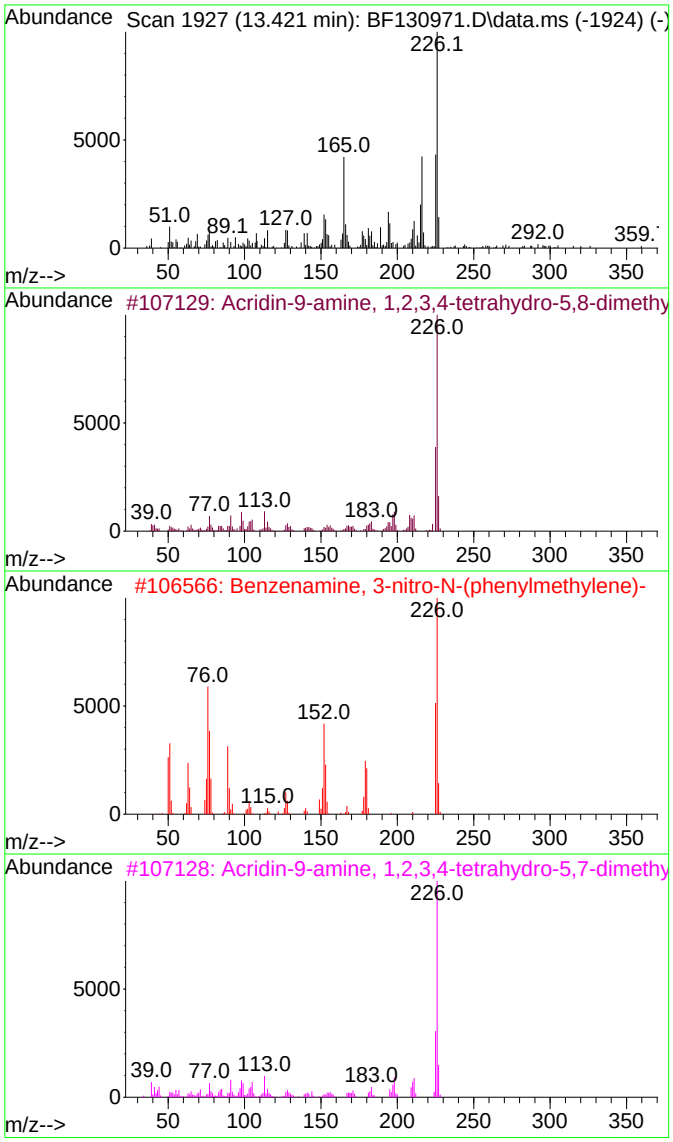
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

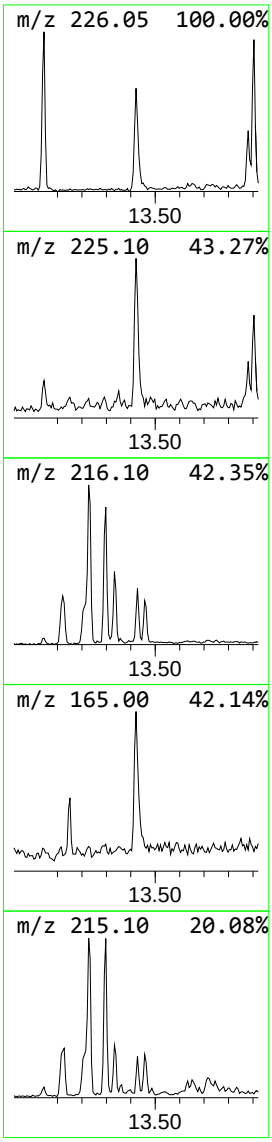
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.422	3.13 ng	140821	Chrysene-d12	14.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	55
2	Benzenamine, 3-nitro-N-(phenylme...	226	C13H10N2O2	005341-44-6	50
3	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	1000300-57-6	49
4	Dibenzo[b,e]thiepin-11(6H)-one	226	C14H10OS	001531-77-7	49
5	Benzenamine, N-[(4-nitrophenyl)m...	226	C13H10N2O2	000785-80-8	43





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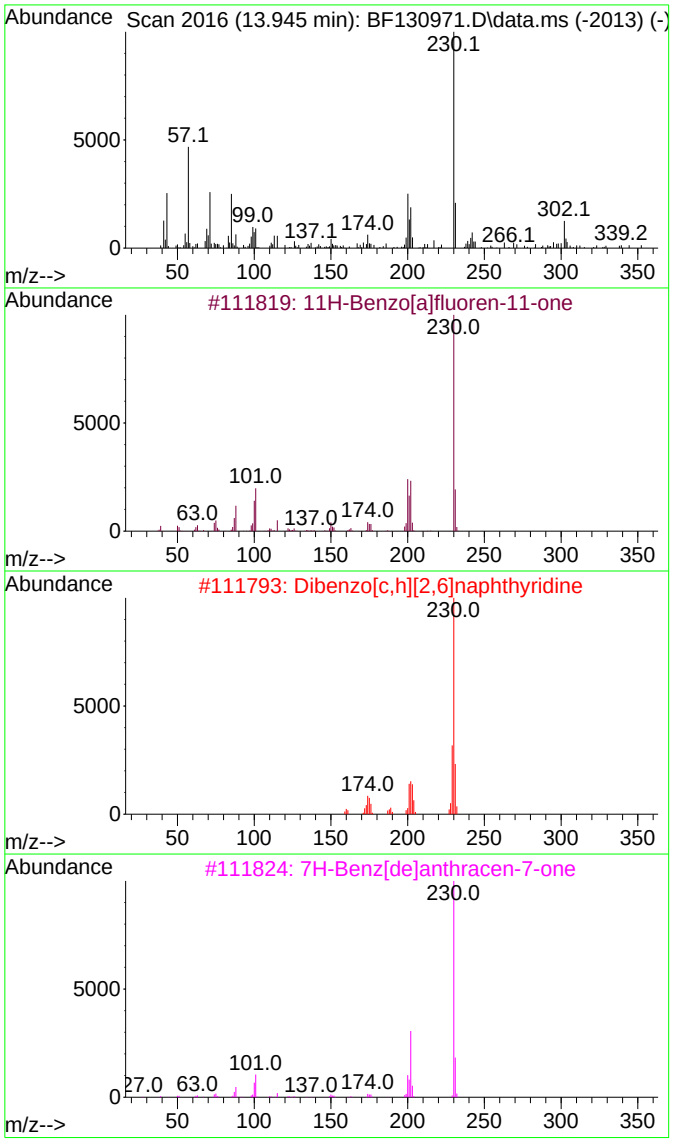
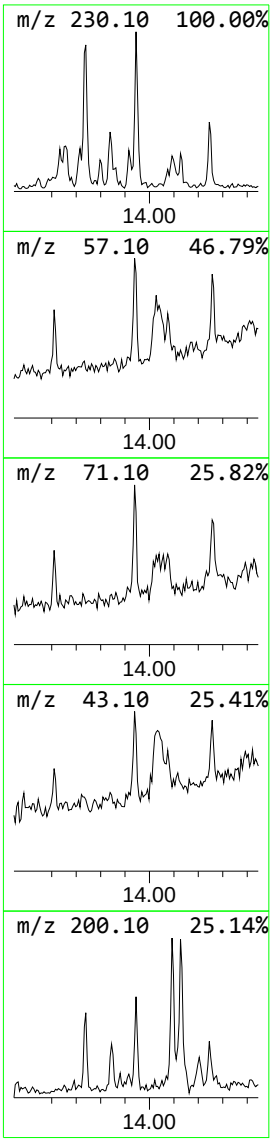
****

Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.945	2.07 ng	93111	Chrysene-d12	14.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	76
2	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	64
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58
4	o-Terphenyl	230	C18H14	000084-15-1	52
5	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	50





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TIC Library : C:\Database\NIST20.L
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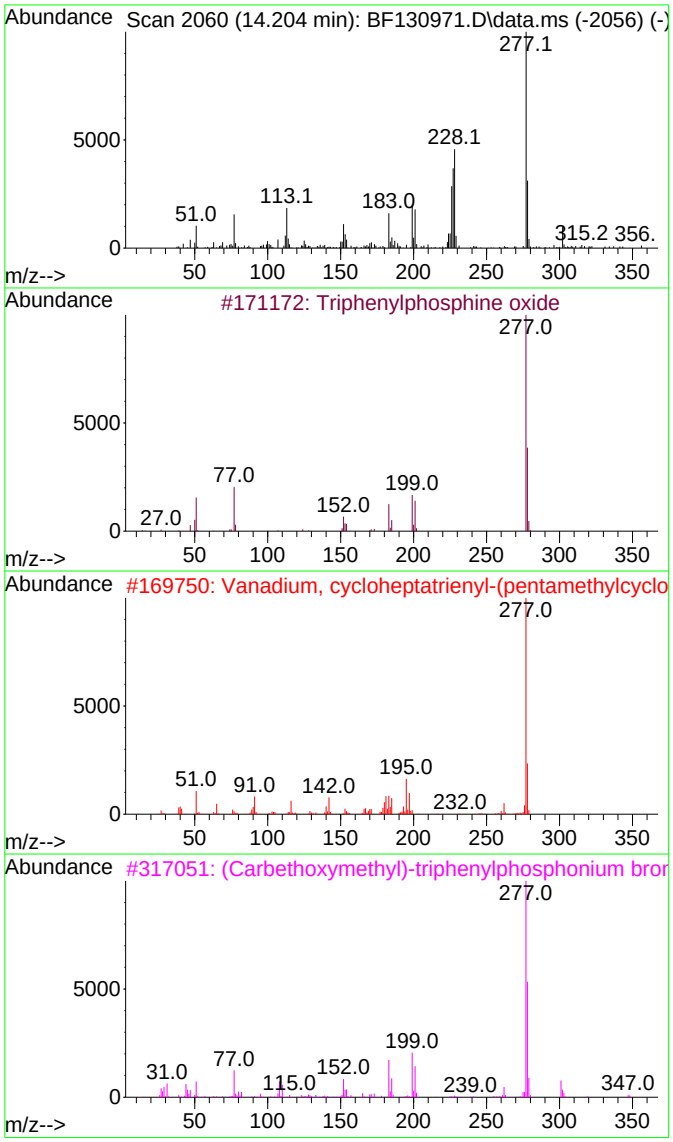
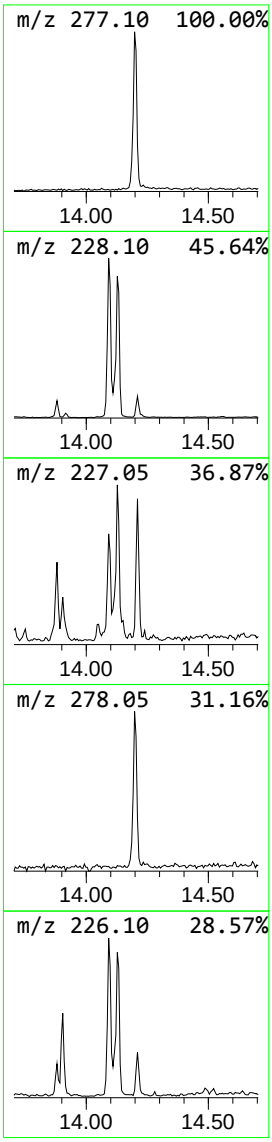
****
Peak Number 16 Triphenylphosphine oxide Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.204	3.71 ng	167082	Chrysene-d12	14.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	91
2	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	35
3	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	35
4	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	35
5	2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	25





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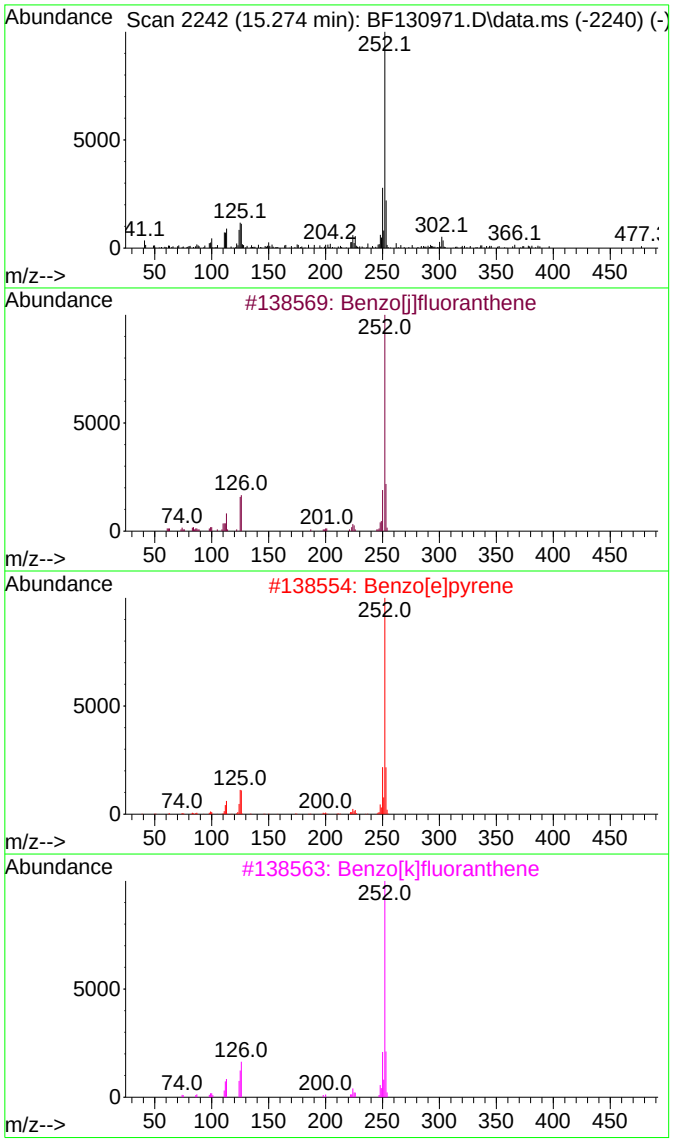
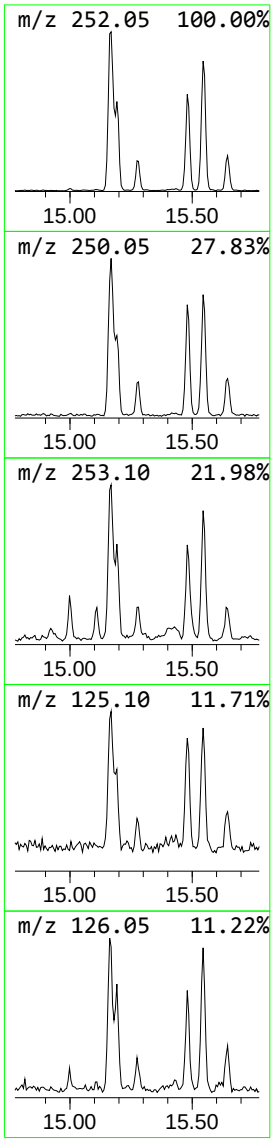
Peak Number 17 Benzo[j]fluoranthene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.274	2.47 ng	52899	Perylene-d12	15.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
2	Benzo[e]pyrene	252	C20H12	000192-97-2	89
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4	Perylene	252	C20H12	000198-55-0	86
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	76





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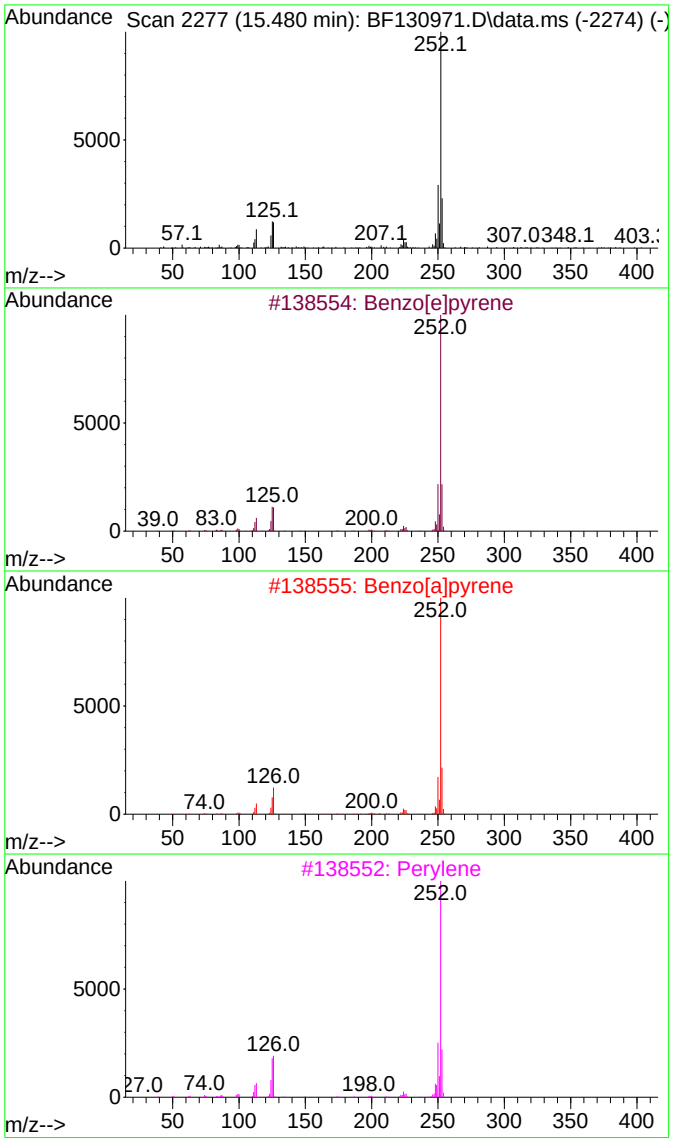
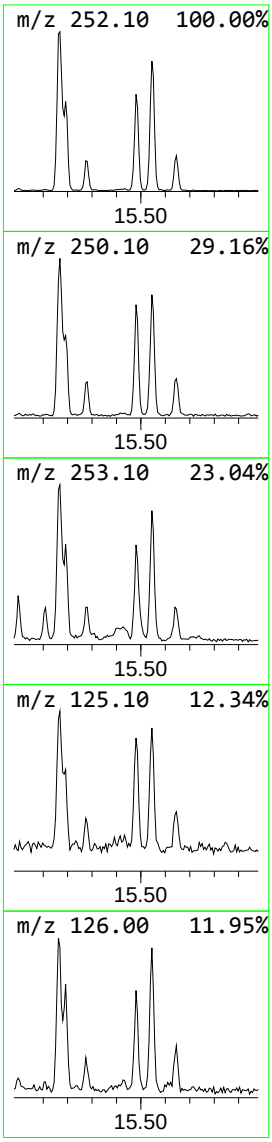
Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.480	10.64 ng	228034	Perylene-d12	15.615

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	Perylene	252	C20H12	000198-55-0	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130971.D
Acq On : 03 Nov 2022 21:28
Operator : CG\JU
Sample : N5395-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-13-103122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

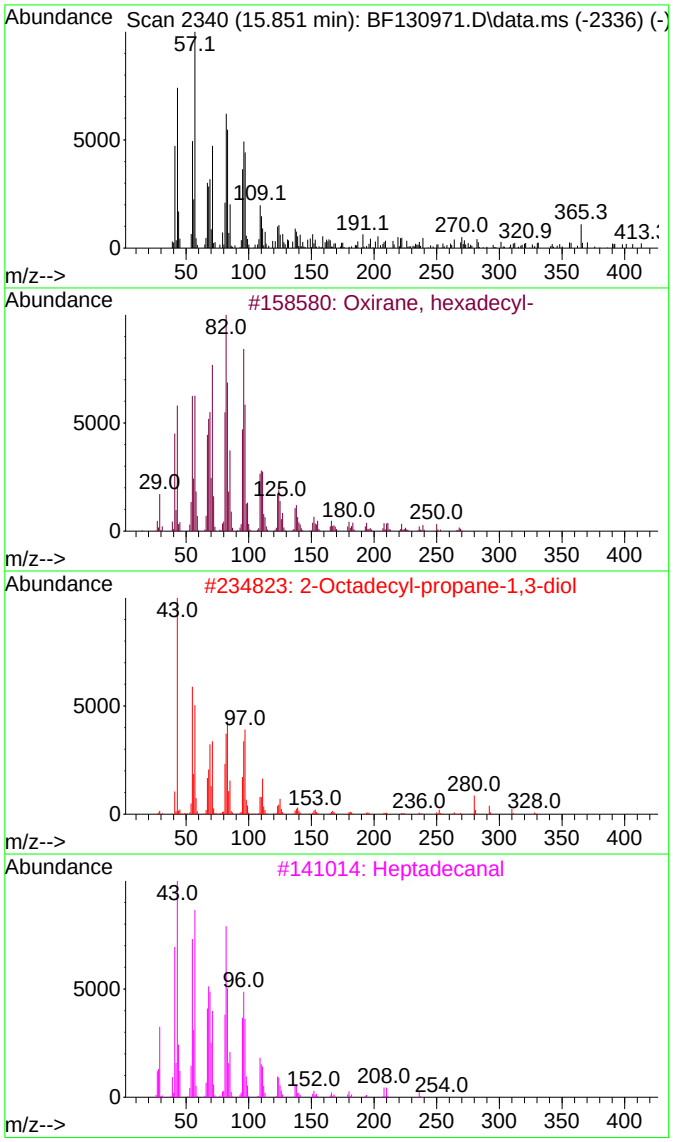
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

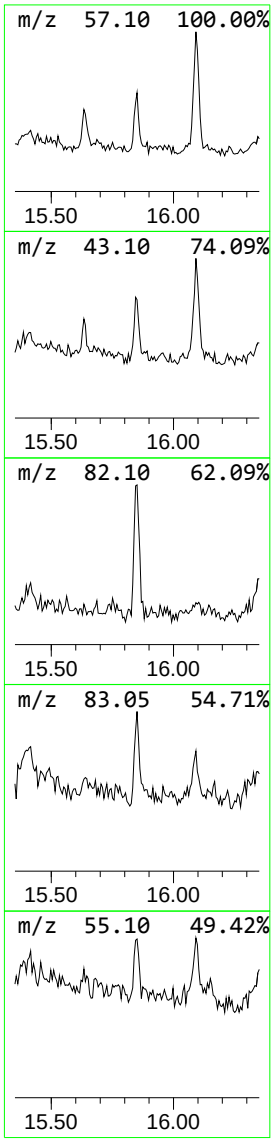
****

Peak Number 19 Oxirane, hexadecyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.851	5.97 ng	127973	Perylene-d12	15.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
2	2-Octadecyl-propane-1,3-diol	328	C21H44O2	005337-61-1	87
3	Heptadecanal	254	C17H34O	1000376-70-0	74
4	Tetracosanal	352	C24H48O	057866-08-7	72
5	Octadecanal	268	C18H36O	000638-66-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130971.D
Acq On : 03 Nov 2022 21:28
Operator : CG\JU
Sample : N5395-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-13-103122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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...	2.193	31.1	ng	635248	1	6.916	408836	20.0
Propane, 1,1-di...	2.305	2.2	ng	44639	1	6.916	408836	20.0
2-Pentanone, 4-...	5.134	20.8	ng	425495	1	6.916	408836	20.0
.alpha.-Pinene	6.192	5.8	ng	119105	1	6.916	408836	20.0
Bicyclo[2.2.1]h...	8.110	3.9	ng	87159	2	8.198	451230	20.0
Phenanthrene, 1...	11.957	2.3	ng	46794	4	11.451	404831	20.0
1H-Cyclopropa[l...	11.980	5.9	ng	119528	4	11.451	404831	20.0
4H-Cyclopenta[d...	12.069	4.8	ng	97064	4	11.451	404831	20.0
Naphthalene, 2-...	12.251	2.1	ng	43524	4	11.451	404831	20.0
4-Morpholineace...	12.545	5.0	ng	100739	4	11.451	404831	20.0
Pyrene, 1-methyl-	13.227	2.7	ng	120795	5	14.104	899977	20.0
11H-Benzo[b]flu...	13.298	2.1	ng	94885	5	14.104	899977	20.0
Acridin-9-amine...	13.422	3.1	ng	140821	5	14.104	899977	20.0
11H-Benzo[a]flu...	13.945	2.1	ng	93111	5	14.104	899977	20.0
Triphenylphosph...	14.204	3.7	ng	167082	5	14.104	899977	20.0
Benzo[j]fluoran...	15.274	2.5	ng	52899	6	15.615	428837	20.0
Benzo[e]pyrene	15.480	10.6	ng	228034	6	15.615	428837	20.0
Oxirane, hexade...	15.851	6.0	ng	127973	6	15.615	428837	20.0