LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
Data File : BF129557.D
Acq On : 04 Aug 2022 00:22
Operator : CG\JU
Sample : N4009-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-080222

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129557.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.098	474	478	486	rVB	105517	131145	4.26%	0.335%
2	5.504	543	547	557	rBV	3173306	2784415	90.49%	7.117%
3	6.516	714	719	732	rVB	2732530	2555651	83.05%	6.533%
4	6.869	775	779	782	rBV	898695	702425	22.83%	1.796%
5	7.434	870	875	878	rBV	1852286	1608816	52.28%	4.112%
6	8.151	993	997	1000	rBV	957775	781126	25.39%	1.997%
7	9.222	1175	1179	1183	rBV	2804595	2519334	81.87%	6.440%
8	9.486	1221	1224	1229	rBV	70887	60102	1.95%	0.154%
9	9.533	1229	1232	1234	rVV3	43965	39885	1.30%	0.102%
10	9.563	1234	1237	1240	rVB3	39143	39989	1.30%	0.102%
11	9.910	1292	1296	1299	rBV	837017	740593	24.07%	1.893%
12	9.939	1299	1301	1304	rVB	45542	35046	1.14%	0.090%
13	10.457	1385	1389	1394	rBV	38864	41408	1.35%	0.106%
14	10.698	1426	1430	1434	rBV	1751590	1557807	50.63%	3.982%
15	10.816	1444	1450	1457	rVB6	24115	51136	1.66%	0.131%
16	11.245	1519	1523	1526	rBV5	30331	41205	1.34%	0.105%
17	11.292	1529	1531	1536	rVB	40050	37940	1.23%	0.097%
18	11.398	1545	1549	1551	rBV	945949	817789	26.58%	2.090%
19	11.422	1551	1553	1558	rVV	738925	586233	19.05%	1.499%
20	11.474	1558	1562	1564	rVV	156871	136043	4.42%	0.348%
21	11.510	1564	1568	1573	rVB2	34602	50132	1.63%	0.128%
22	11.633	1584	1589	1594	rBV	69387	97138	3.16%	0.248%
23	11.727	1603	1605	1610	rVB3	30891	32385	1.05%	0.083%
24	11.774	1610	1613	1617	rBV	581915	476276	15.48%	1.217%
25	11.898	1631	1634	1636	rBV	129879	127873	4.16%	0.327%
26	11.927	1636	1639	1642	rVV	197175	191747	6.23%	0.490%
27	11.974	1644	1647	1650	rVB	53438	42488	1.38%	0.109%
28	12.010	1650	1653	1656	rBV2	183765	212907	6.92%	0.544%
29	12.033	1656	1657	1662	rVB	98454	61003	1.98%	0.156%
30	12.080	1662	1665	1669	rBV4	51420	69382	2.25%	0.177%
31	12.192	1681	1684	1687	rBV	111368	96137	3.12%	0.246%
32	12.221	1687	1689	1693	rVB	132170	109002	3.54%	0.279%
33	12.345	1704	1710	1712	rBV2	54052	68928	2.24%	0.176%
34	12.374	1712	1715	1717	rVB	46289	39222	1.27%	0.100%
35	12.469	1724	1731	1732	rBV	2282671	2278201	74.04%	5.823%
36	12.486	1732	1734	1740	rVV2	1827817	1610174	52.33%	4.116%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
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Acq On : 04 Aug 2022 00:22
Operator : CG\JU
Sample : N4009-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-080222

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.539	1740	1743	1746	rVV	107931	127165	4.13%	0.325%
38	12.569	1746	1748	1752	rVB	414634	315999	10.27%	0.808%
39	12.616	1752	1756	1760	rBV	2076550	1744389	56.69%	4.459%
40	12.745	1775	1778	1780	rBV2	34461	42402	1.38%	0.108%
41	12.769	1780	1782	1784	rVV	59494	42583	1.38%	0.109%
42	12.827	1788	1792	1793	rBV2	375370	392682	12.76%	1.004%
43	12.845	1793	1795	1800	rVB	1758407	1415232	45.99%	3.618%
44	12.892	1800	1803	1807	rVB2	96966	104728	3.40%	0.268%
45	12.986	1811	1819	1822	rBV	3174058	3077077	100.00%	7.865%
46	13.057	1827	1831	1836	rBV2	126223	230997	7.51%	0.590%
47	13.145	1843	1846	1847	rBV2	114037	108519	3.53%	0.277%
48	13.174	1848	1851	1853	rVV	252666	244657	7.95%	0.625%
49	13.198	1853	1855	1857	rVV2	56416	45814	1.49%	0.117%
50	13.239	1859	1862	1864	rVB2	192744	157368	5.11%	0.402%
51	13.274	1864	1868	1870	rBV2	191690	214739	6.98%	0.549%
52	13.298	1870	1872	1875	rVB	111605	102761	3.34%	0.263%
53	13.368	1881	1884	1887	rBV	111920	97115	3.16%	0.248%
54	13.410	1887	1891	1895	rBV2	264212	339625	11.04%	0.868%
55	13.451	1895	1898	1902	rVV4	65894	87651	2.85%	0.224%
56	13.680	1934	1937	1941	rVB	226246	214857	6.98%	0.549%
57	13.792	1952	1956	1958	rBV2	215399	234173	7.61%	0.599%
58	13.821	1958	1961	1963	rVV	181138	170070	5.53%	0.435%
59	13.845	1963	1965	1967	rVV	179056	183979	5.98%	0.470%
60	13.886	1967	1972	1980	rVB3	351713	621726	20.21%	1.589%
61	13.963	1983	1985	1989	rBV2	75427	80064	2.60%	0.205%
62	14.010	1990	1993	1994	rVV	92462	86176	2.80%	0.220%
63	14.039	1994	1998	2001	rVV2	1321318	2026039	65.84%	5.179%
64	14.068	2001	2003	2011	rVB	1116017	1081008	35.13%	2.763%
65	14.151	2015	2017	2019	rBV	169984	119931	3.90%	0.307%
66	14.427	2062	2064	2067	rVB	153300	144127	4.68%	0.368%
67	14.463	2068	2070	2073	rBV2	89432	109593	3.56%	0.280%
68	15.098	2173	2178	2181	rBV	793171	1254581	40.77%	3.207%
69	15.404	2226	2230	2237	rVB	444294	548228	17.82%	1.401%
70	15.468	2237	2241	2247	rVB	627417	726915	23.62%	1.858%
71	15.533	2247	2252	2255	rBV	507038	675036	21.94%	1.725%
72	15.962	2322	2325	2331	rVB2	148866	239372	7.78%	0.612%
73	17.027	2502	2506	2519	rVB2	236242	523638	17.02%	1.339%
74	17.486	2579	2584	2596	rVB	178972	359123	11.67%	0.918%

Sum of corrected areas: 39121222

Instrument :
BNA_F
ClientSampleId :
TR-05-080222

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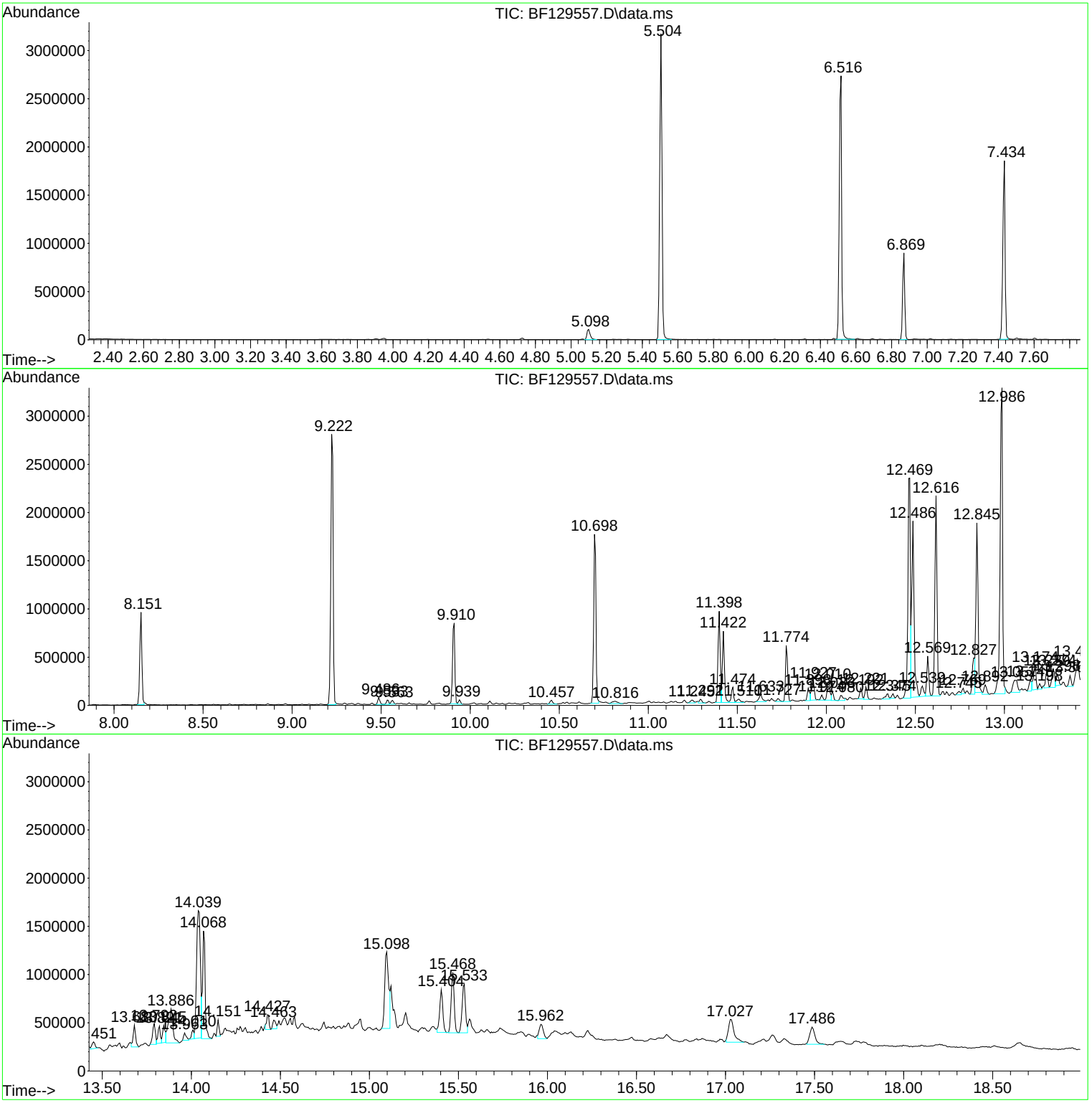
Instrument :
BNA_F
ClientSampleId :
TR-05-080222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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\BF080322\
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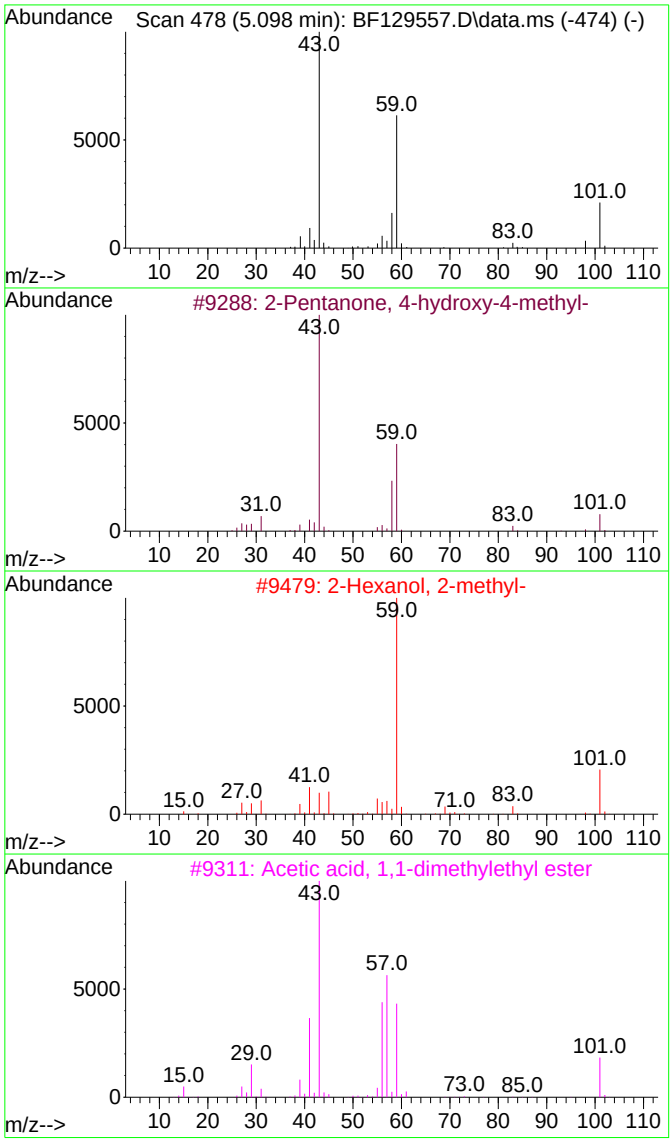
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

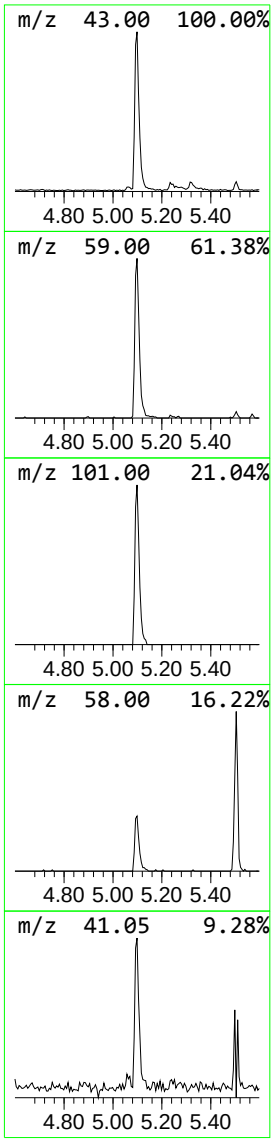
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.098	3.73 ng	131145	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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Data File : BF129557.D
Acq On : 04 Aug 2022 00:22
Operator : CG\JU
Sample : N4009-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-080222

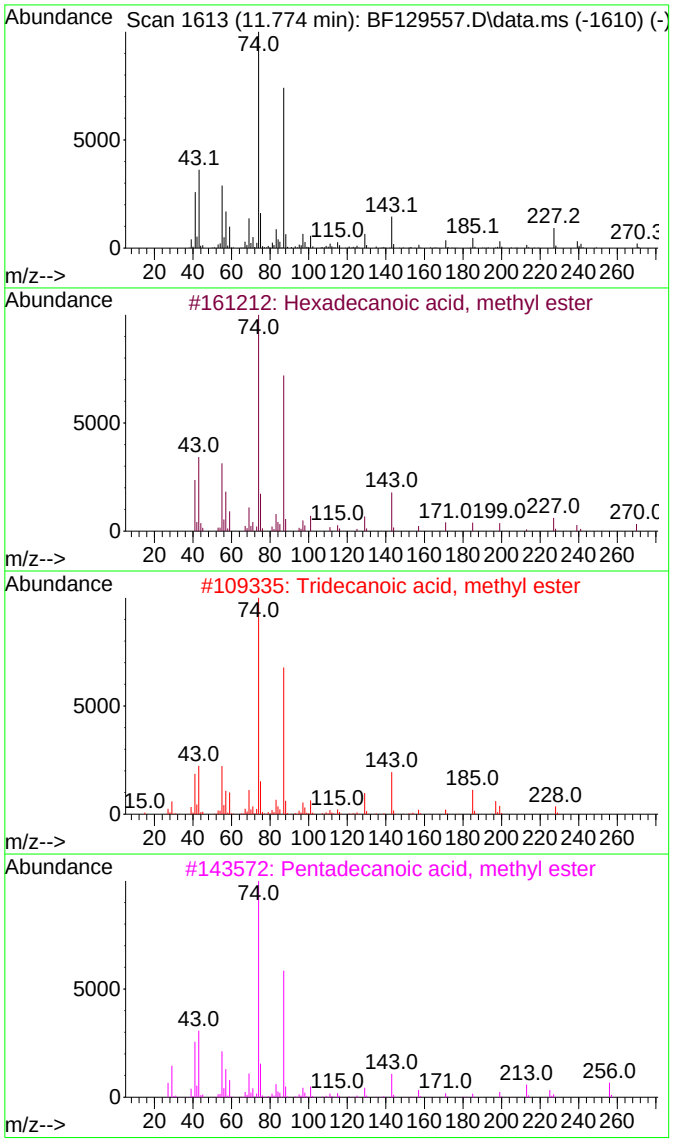
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

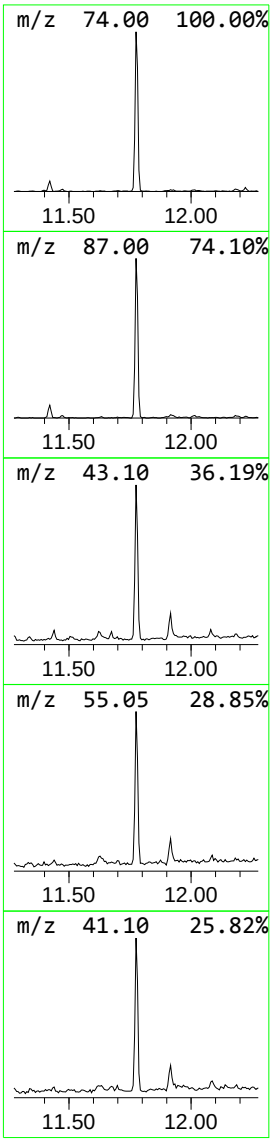
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.775	11.65 ng	476276	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	95
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	86





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Data File : BF129557.D
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Operator : CG\JU
Sample : N4009-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-080222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

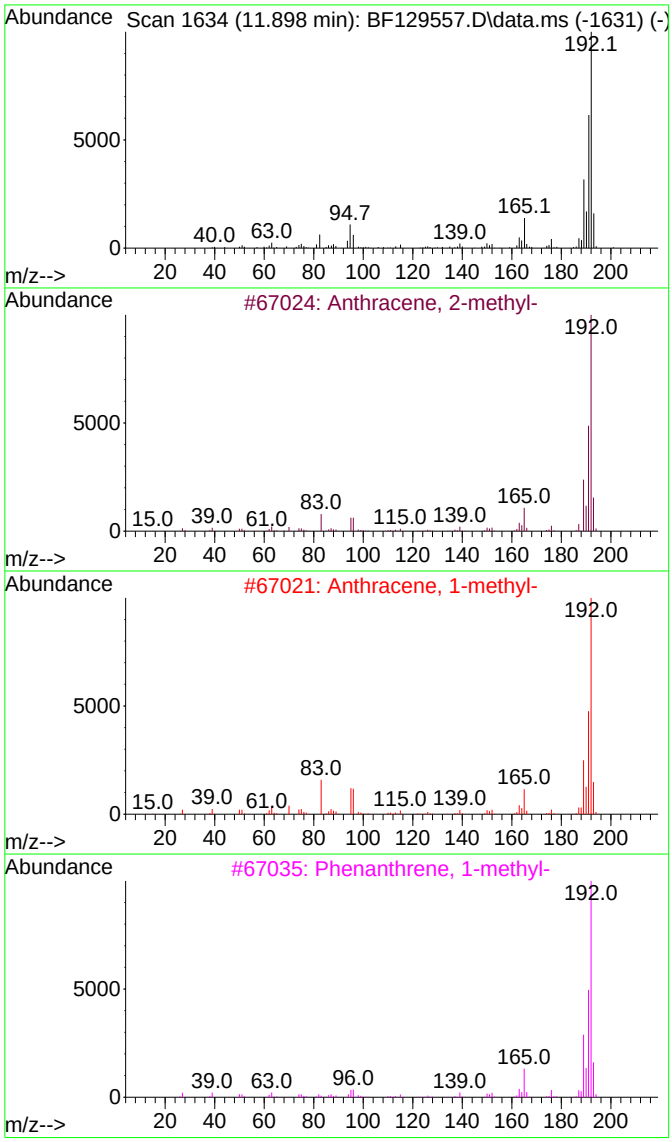
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

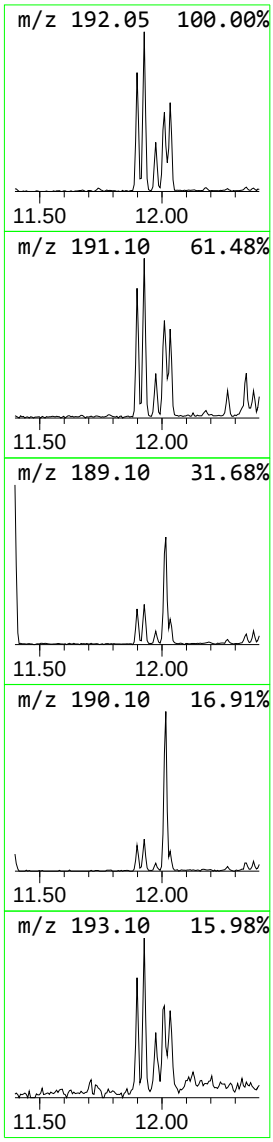
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	3.13 ng	127873	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

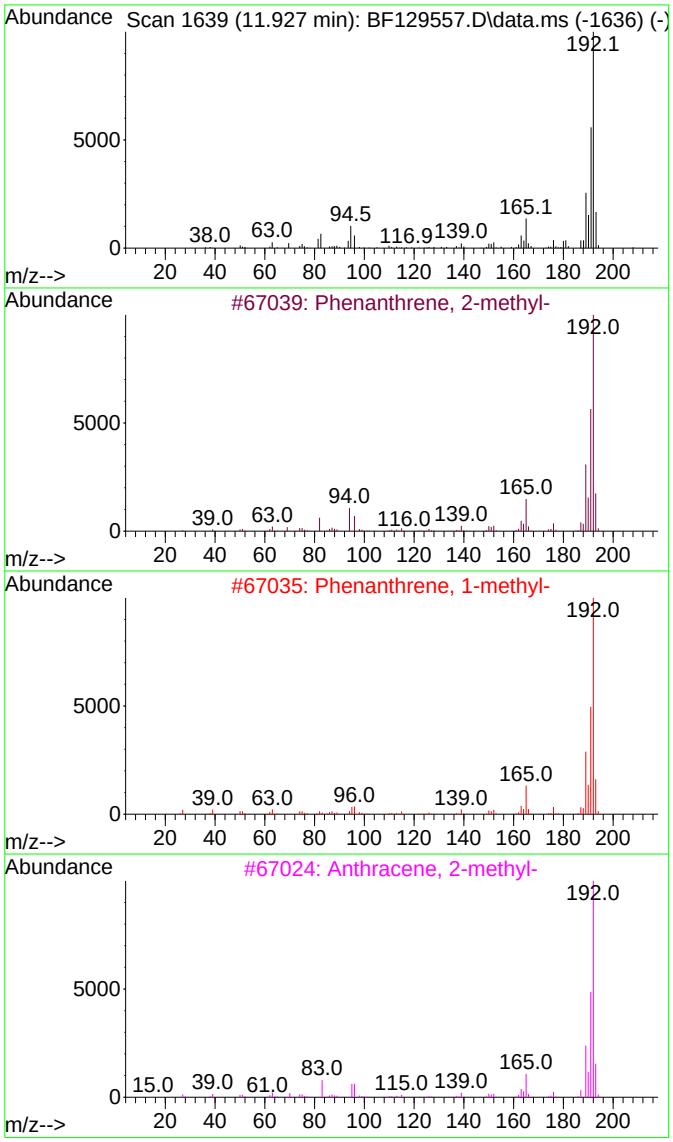
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

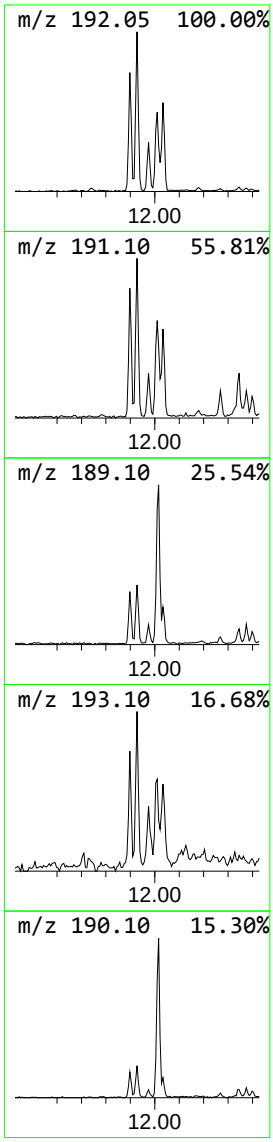
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	4.69 ng	191747	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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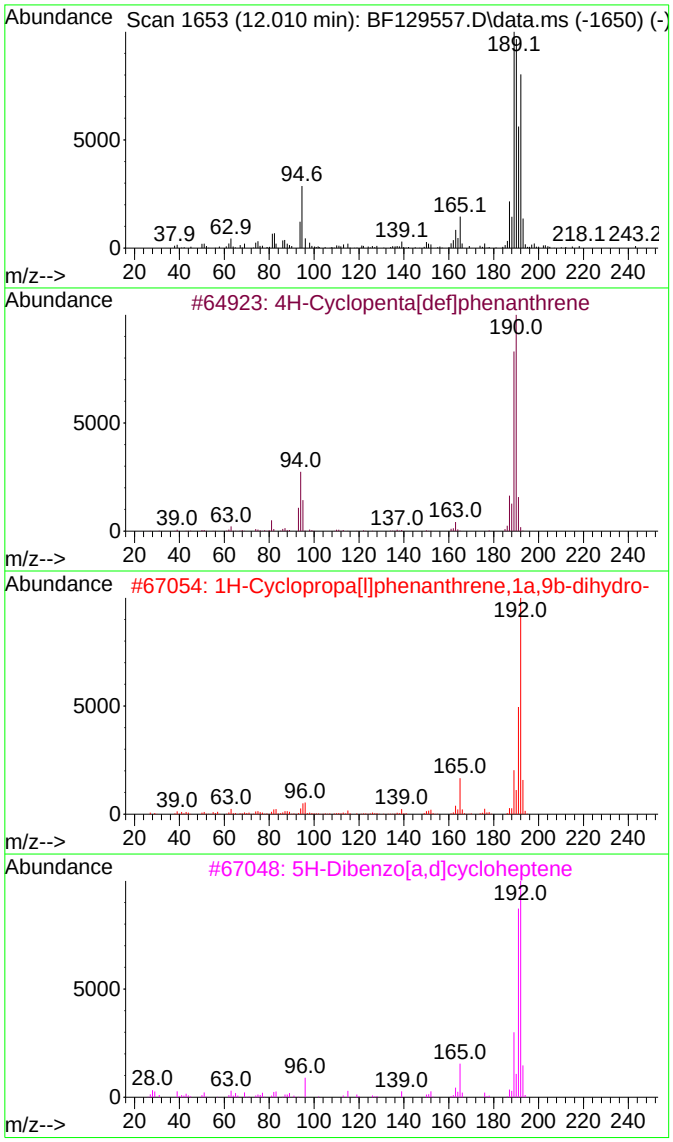
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

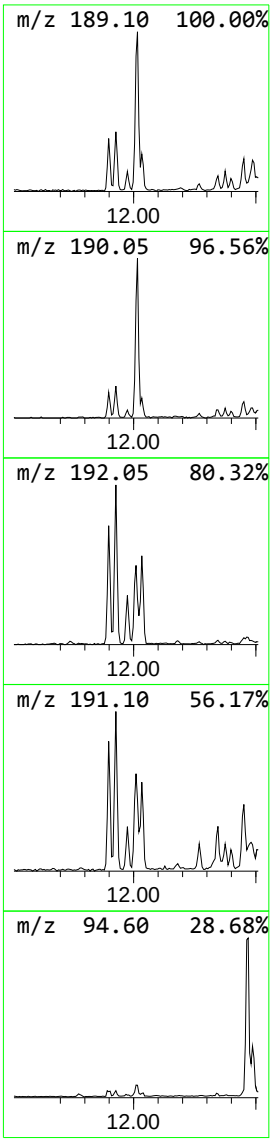
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	5.21 ng	212907	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	42
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38





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Acq On : 04 Aug 2022 00:22
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Sample : N4009-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-080222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

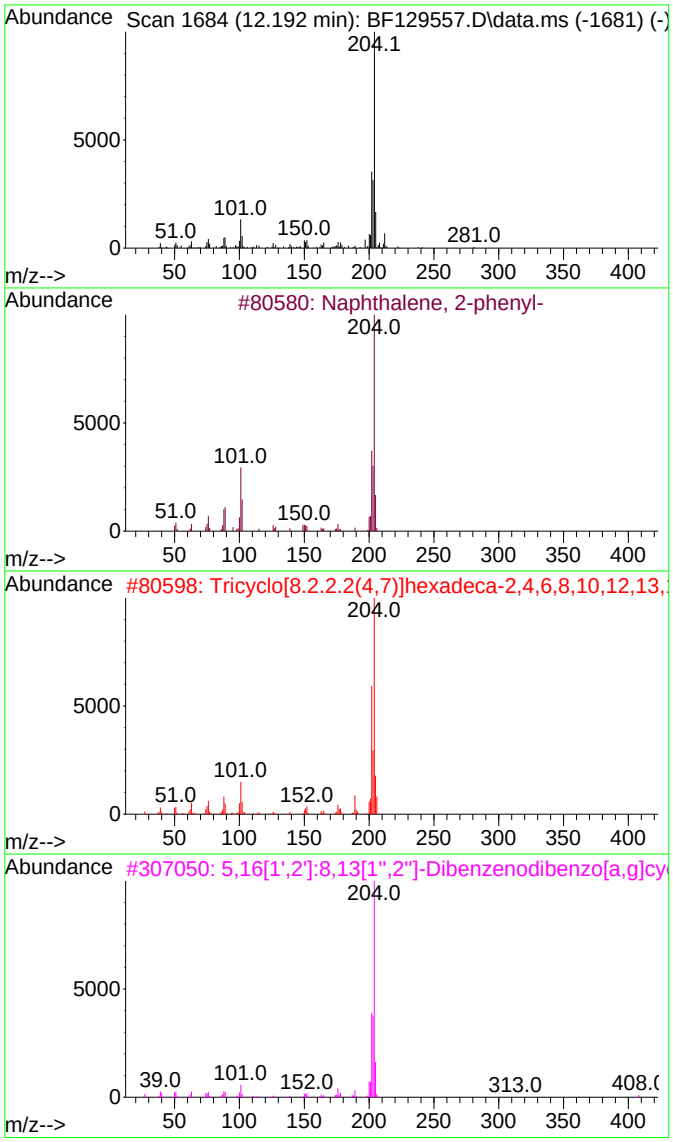
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

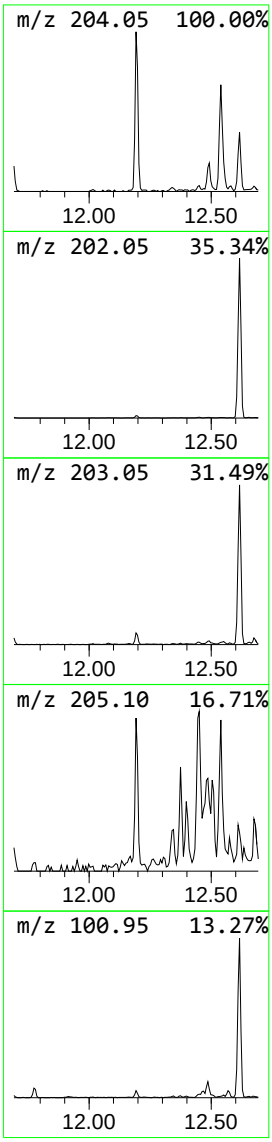
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	2.35 ng	96137	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
Data File : BF129557.D
Acq On : 04 Aug 2022 00:22
Operator : CG\JU
Sample : N4009-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-080222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

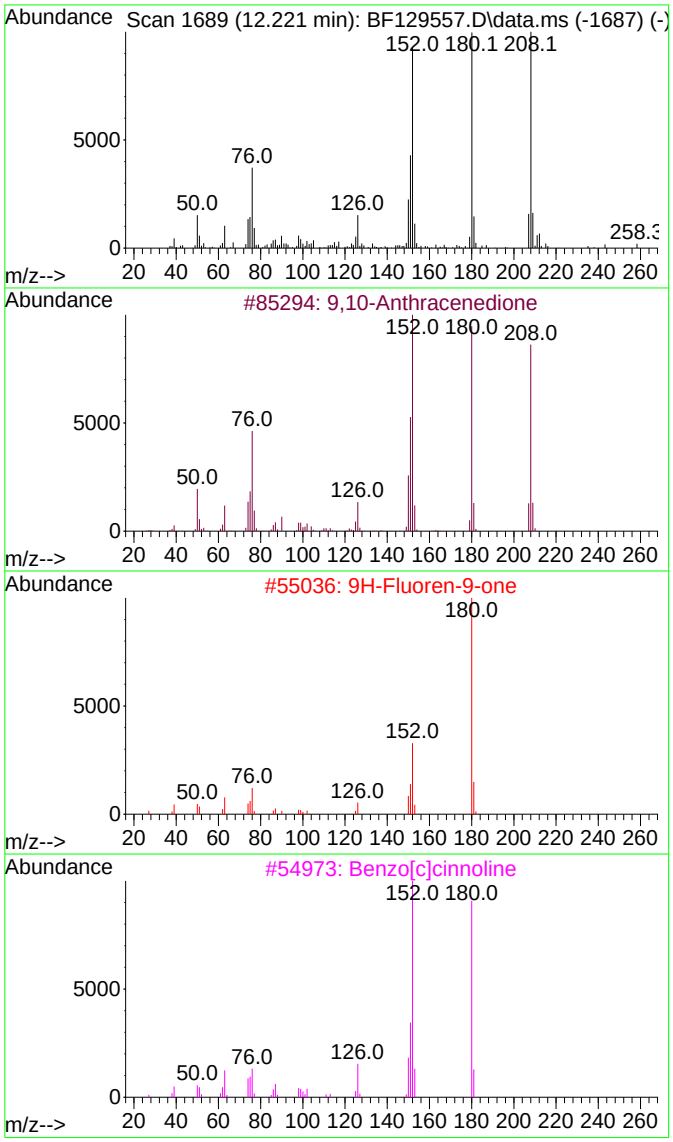
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

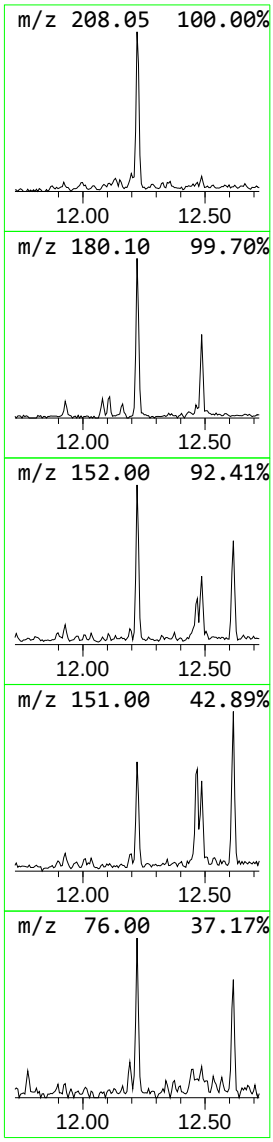
****

Peak Number 8 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.222	2.67 ng	109002	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
5	Acenaphthylene	152	C12H8	000208-96-8	60





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Acq On : 04 Aug 2022 00:22
Operator : CG\JU
Sample : N4009-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
TR-05-080222

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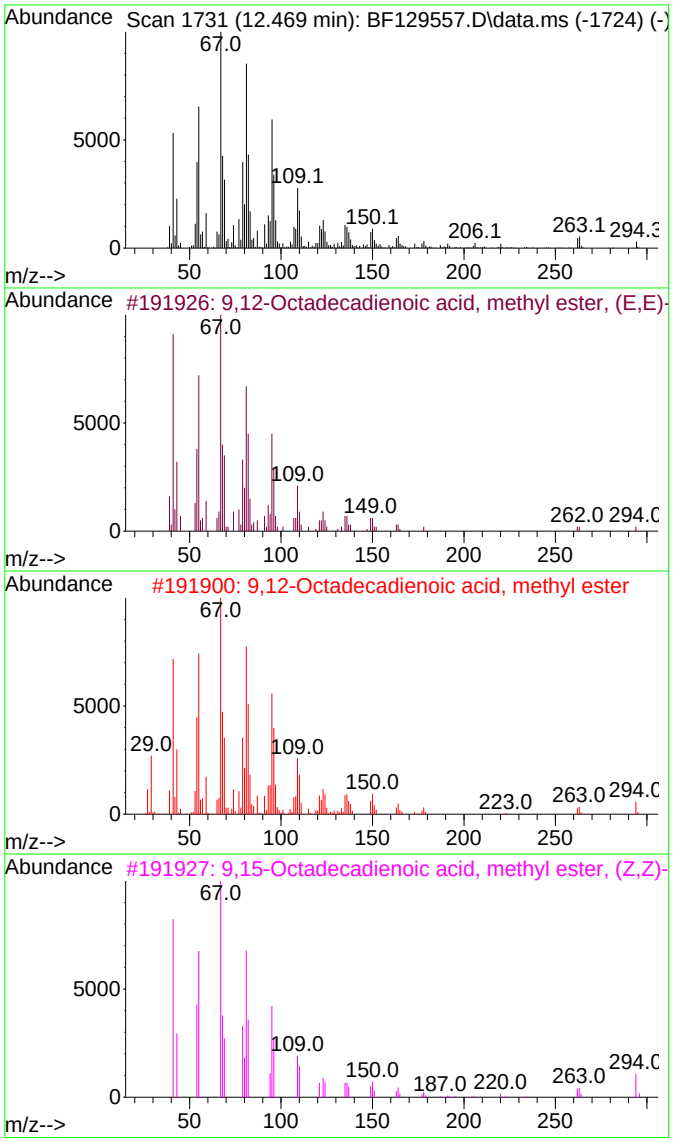
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

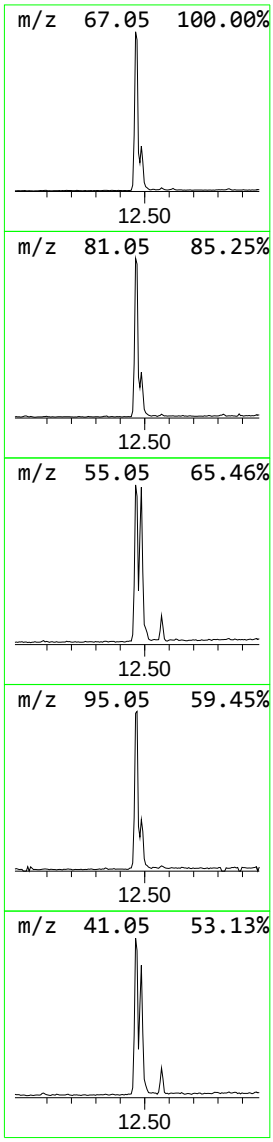
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	55.72 ng	2278200	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98





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Sample : N4009-01
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ClientSampleId :
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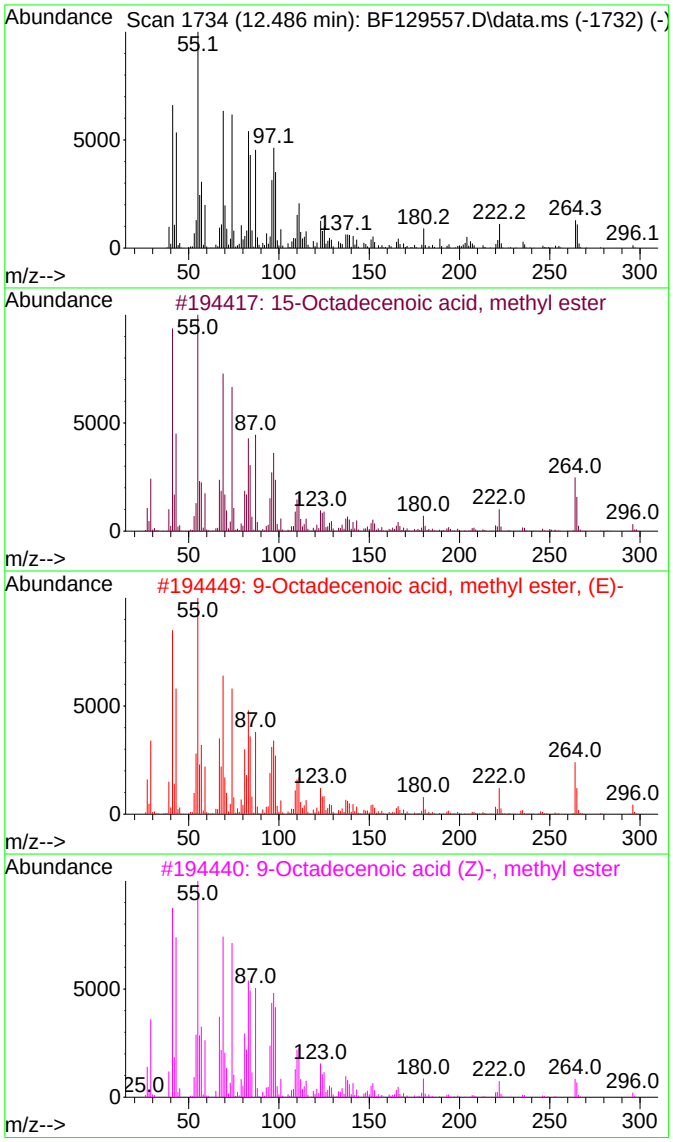
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

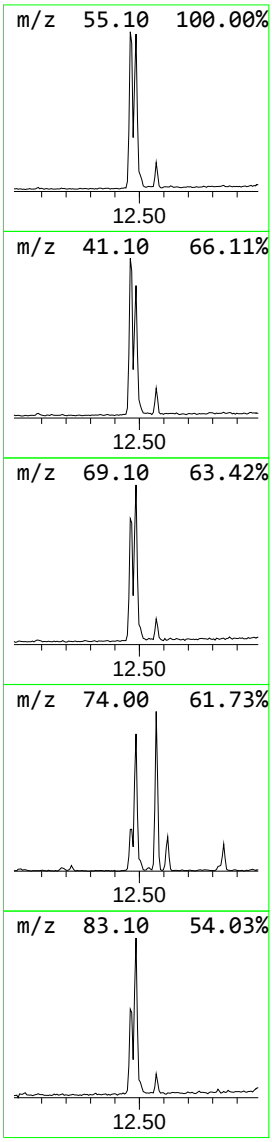
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 15-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	39.38 ng	1610170	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	96
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	96
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	94
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	94





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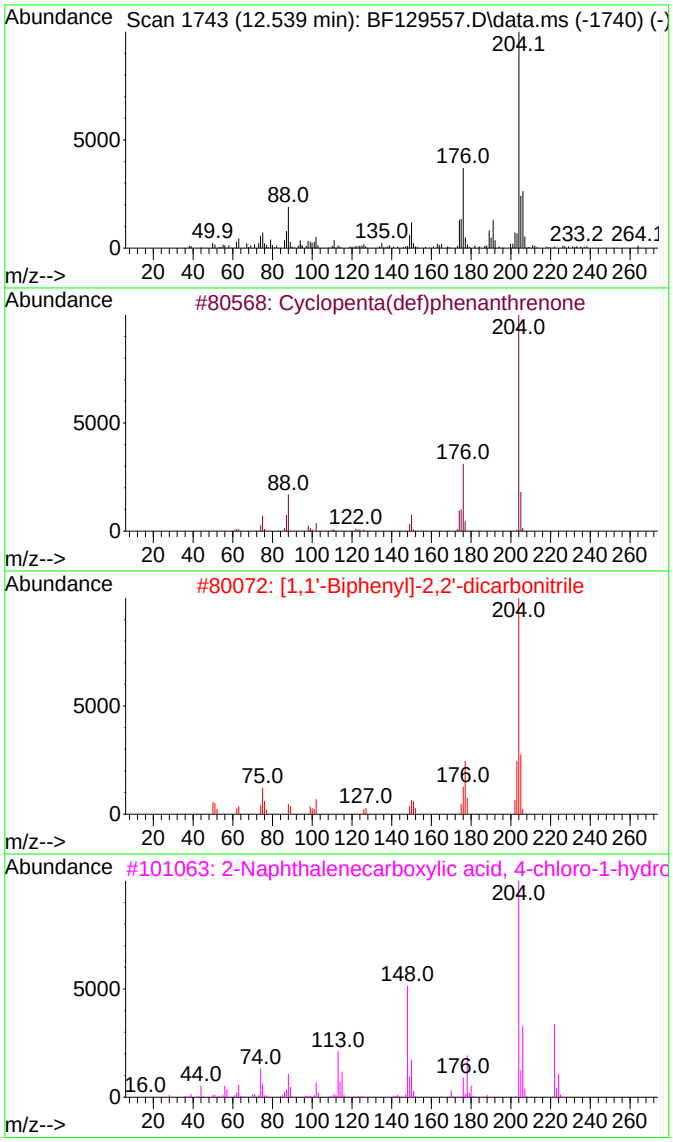
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

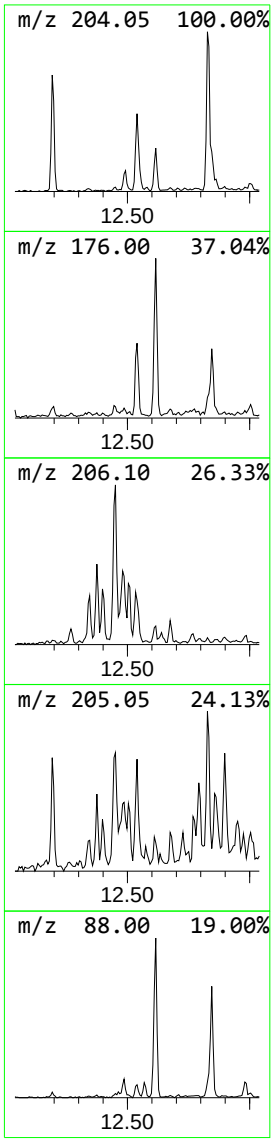
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.539	3.11 ng	127165	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	52
3	2-Naphthalenecarboxylic acid, 4-...	222	C11H7ClO3	005409-15-4	50
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43





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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

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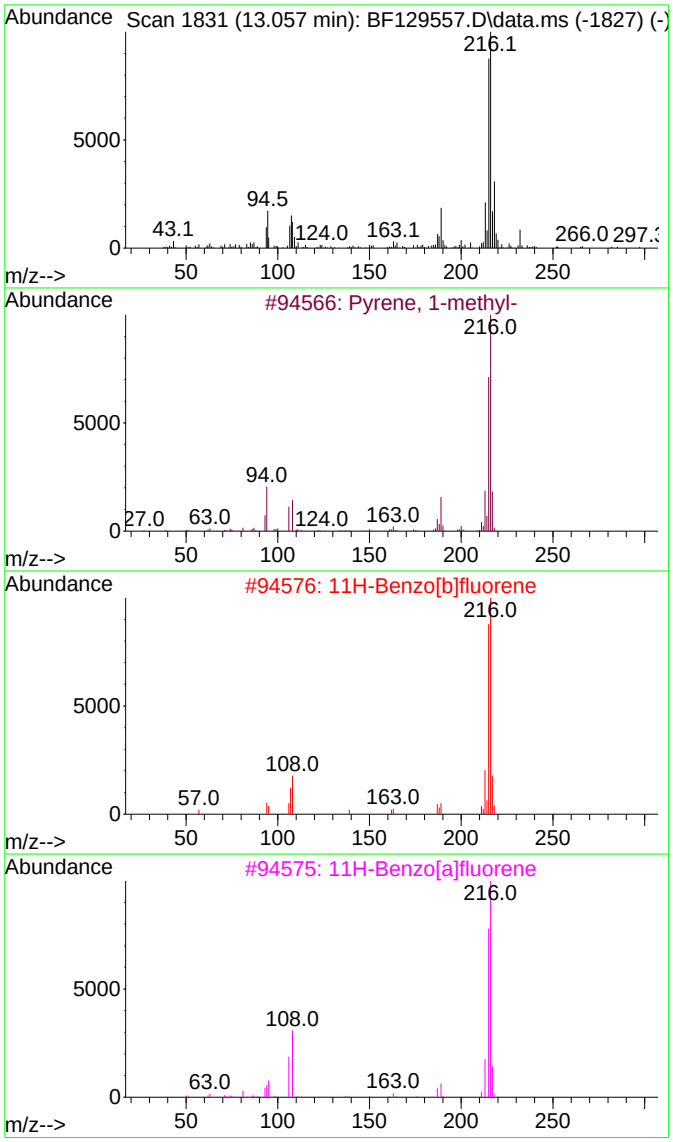
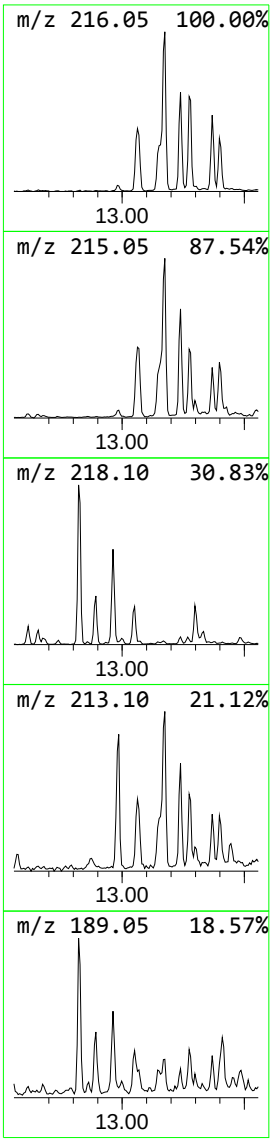
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	2.28 ng	230997	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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Sample : N4009-01
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ClientSampleId :
TR-05-080222

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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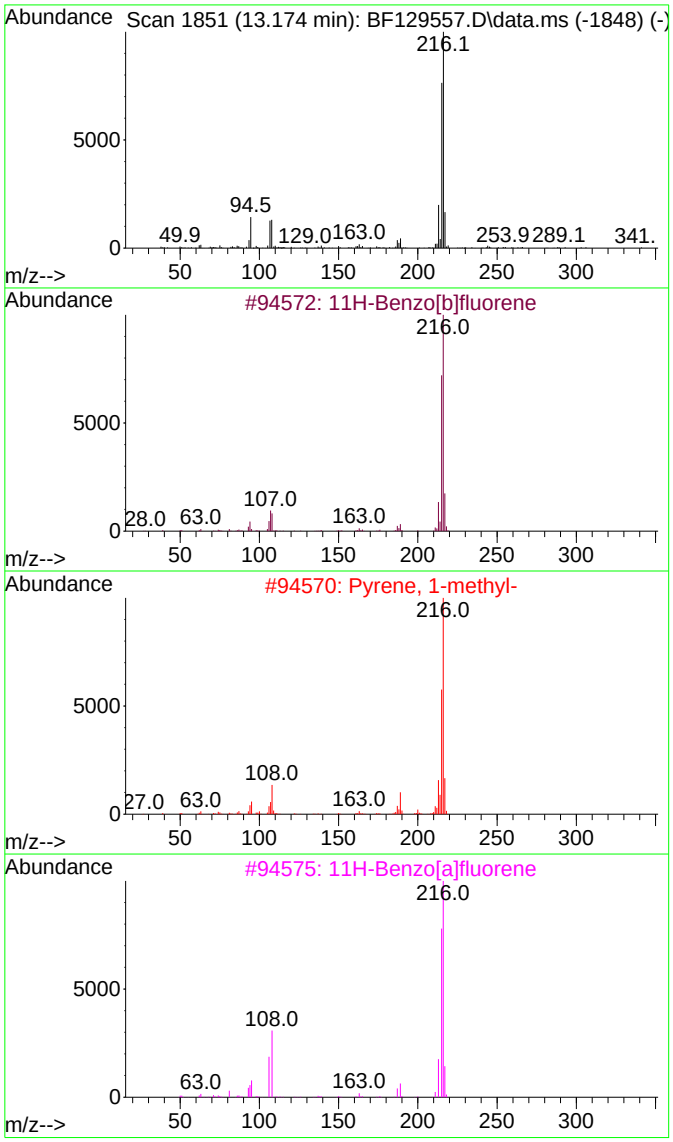
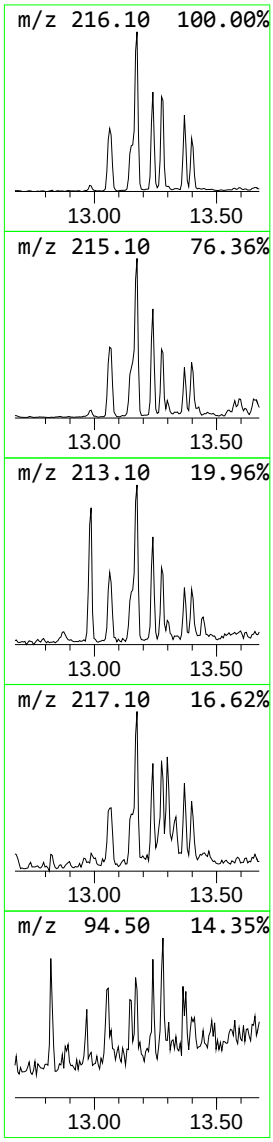
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.174	2.42 ng	244657	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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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

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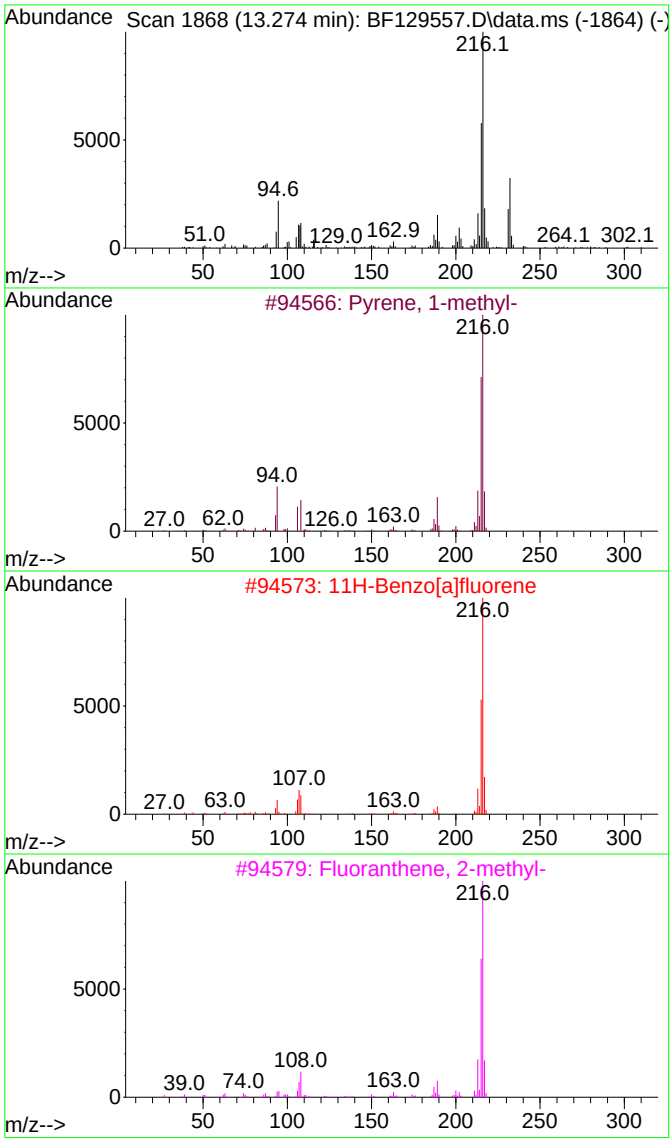
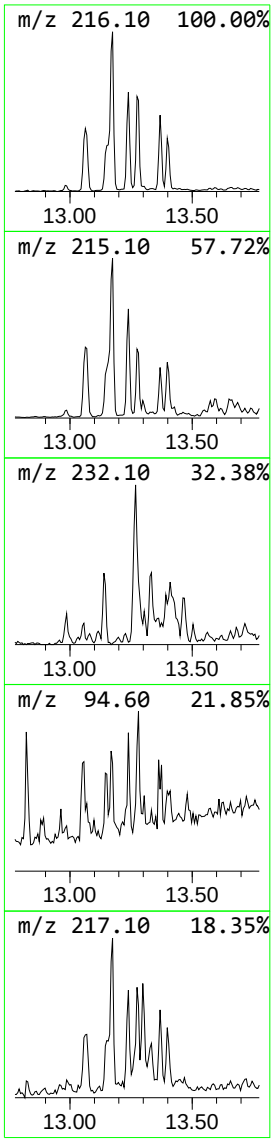
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.274	2.12 ng	214739	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60





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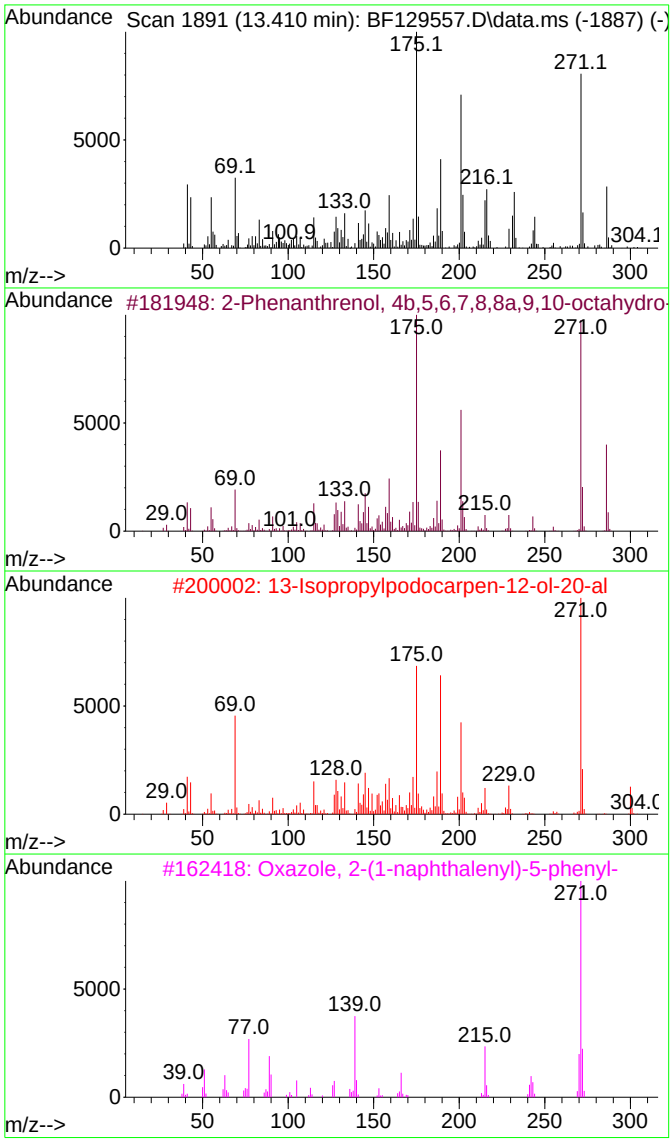
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

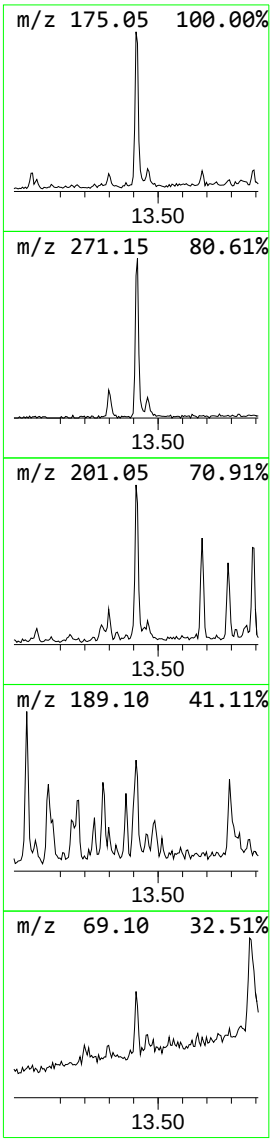
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.410	3.35 ng	339625	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	99
2	13-Isopropylpodocarpen-12-ol-20-al	300	C20H28O2	024035-37-8	49
3	Oxazole, 2-(1-naphthalenyl)-5-ph...	271	C19H13NO	000846-63-9	25
4	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	25
5	Phosphoric acid, dibutyl phenyl ...	286	C14H23O4P	002528-36-1	20





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

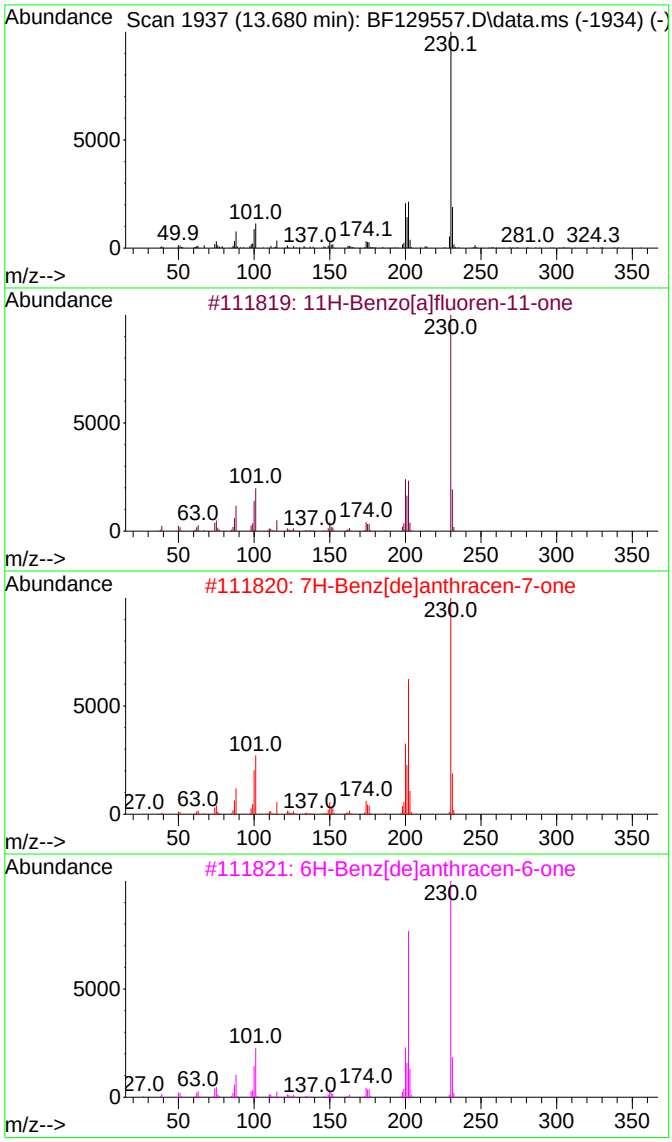
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

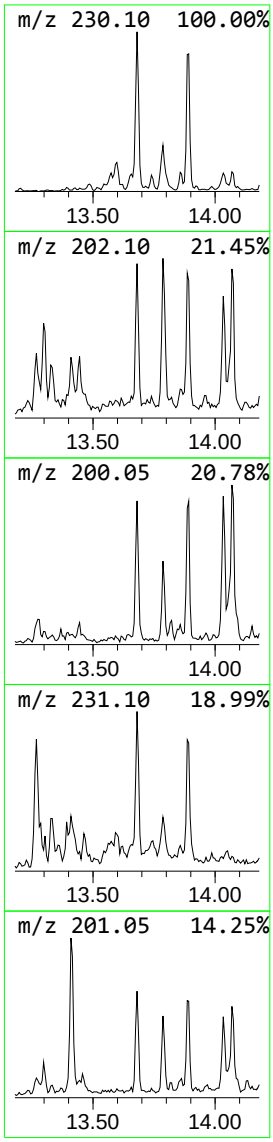
****

Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.680	2.12 ng	214857	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
4	o-Terphenyl	230	C18H14	000084-15-1	59
5	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	53





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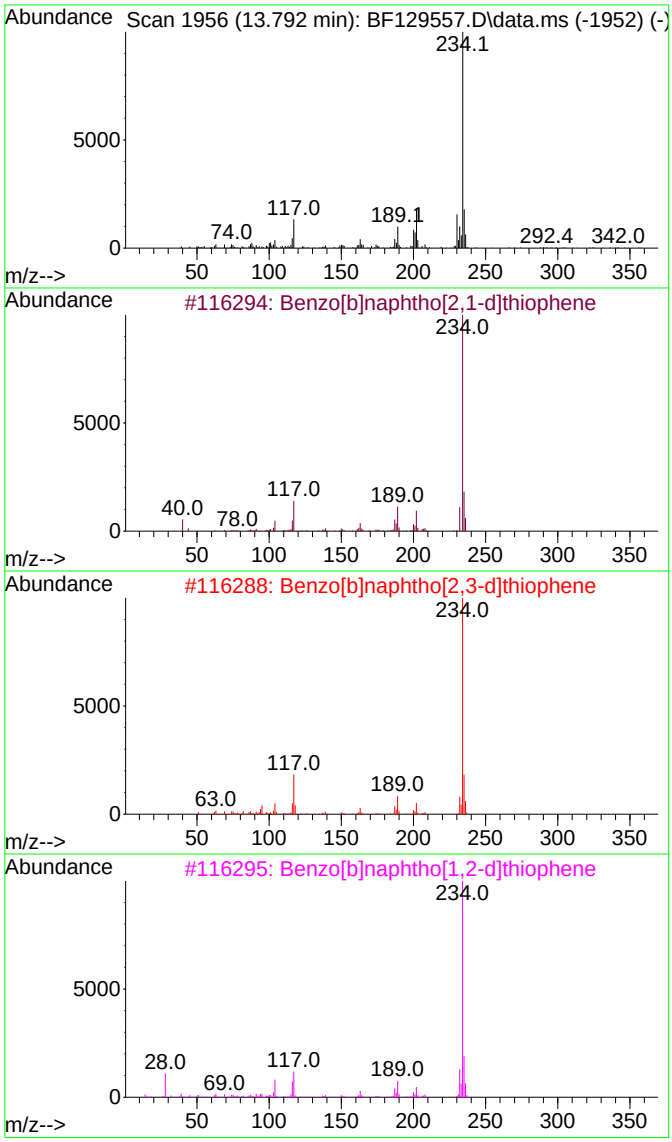
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

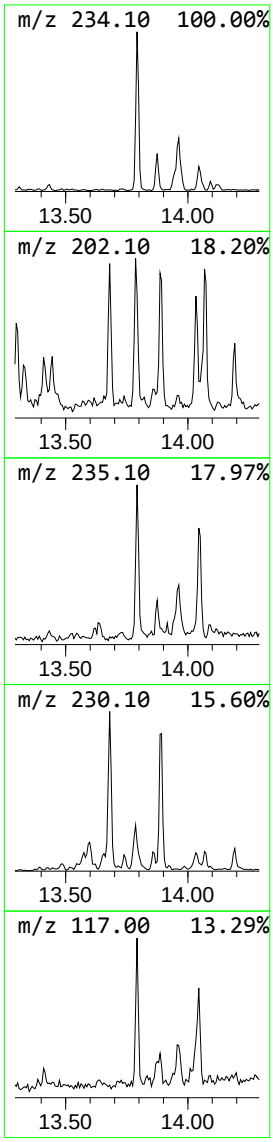
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.792	2.31 ng	234173	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	90
4	Cyclohexene, 1,2-diphenyl-	234	C18H18	041317-87-7	53
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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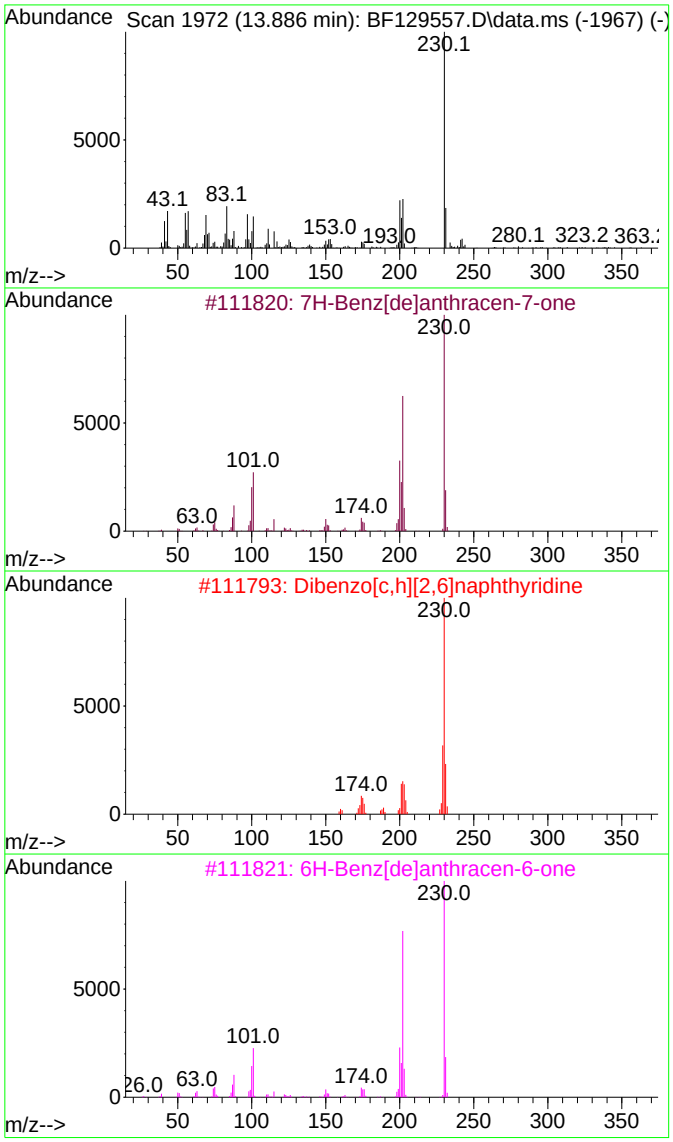
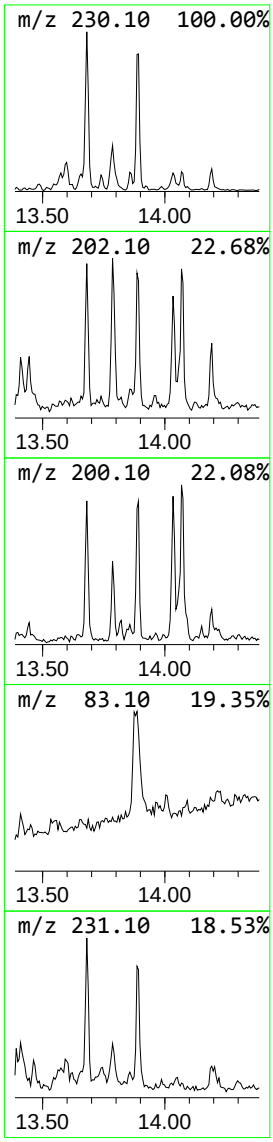
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	6.14 ng	621726	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
2	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	59
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	53
4	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	47
5	o-Terphenyl	230	C18H14	000084-15-1	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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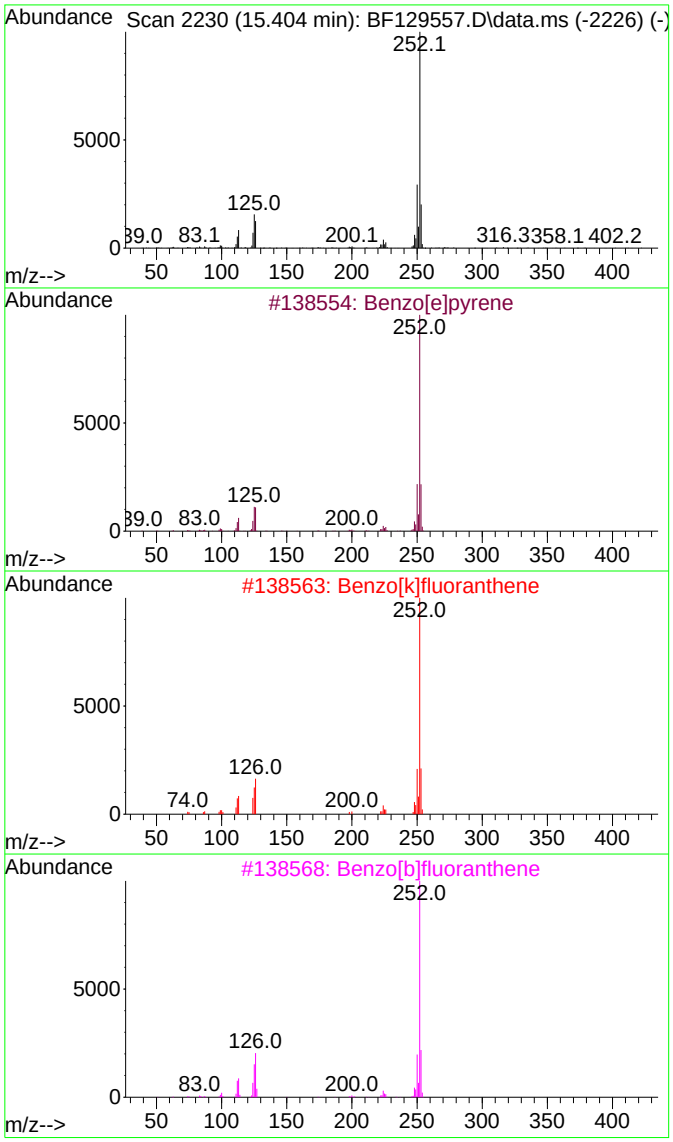
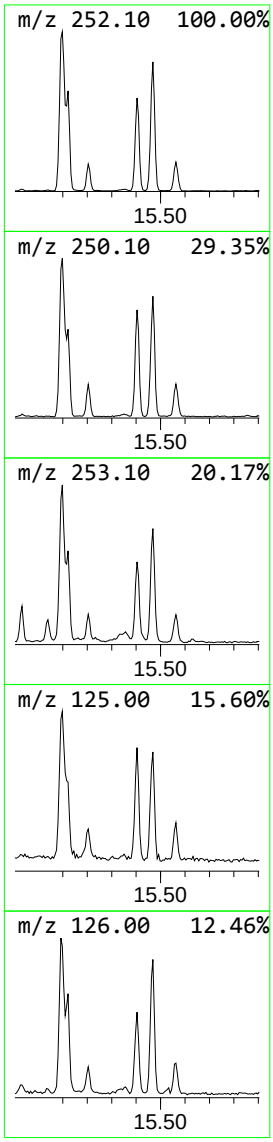
Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.404	16.24 ng	548228	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
Data File : BF129557.D
Acq On : 04 Aug 2022 00:22
Operator : CG\JU
Sample : N4009-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-080222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

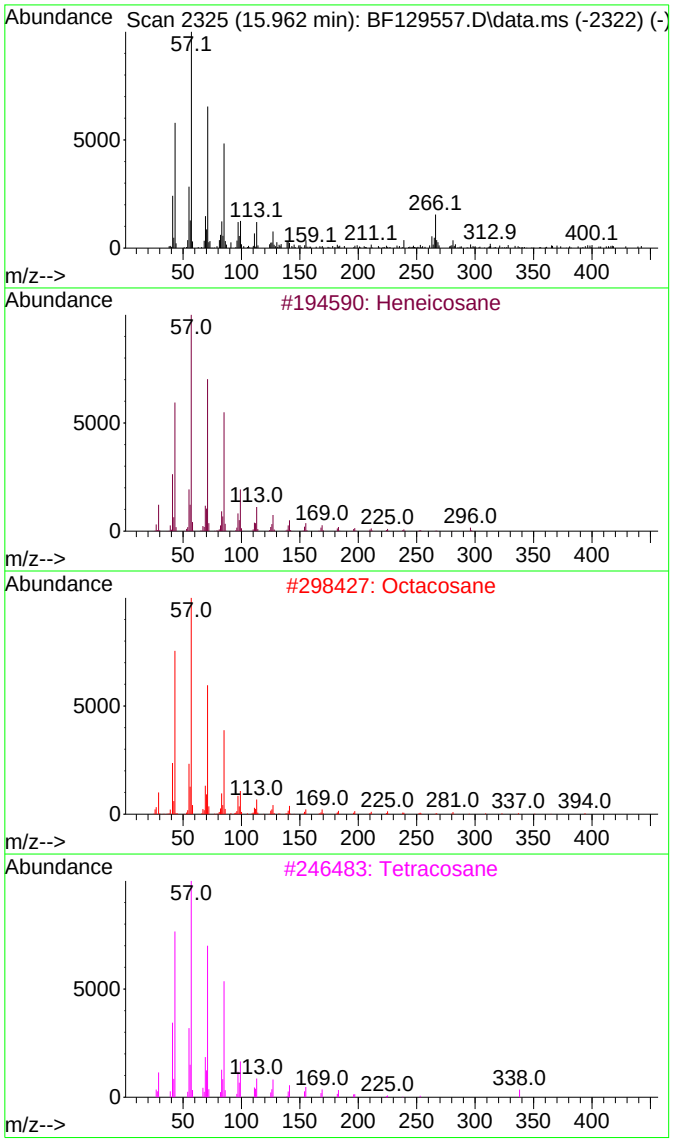
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

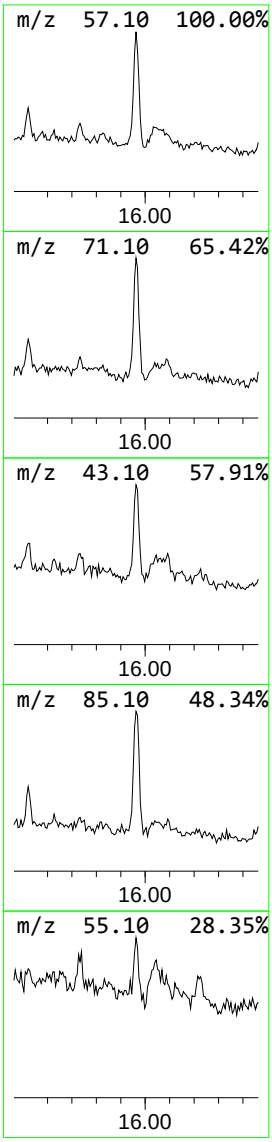
****

Peak Number 20 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.962	7.09 ng	239372	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Octacosane	394	C28H58	000630-02-4	89
3	Tetracosane	338	C24H50	000646-31-1	86
4	Nonadecane	268	C19H40	000629-92-5	76
5	Tetratetracontane	619	C44H90	007098-22-8	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
Data File : BF129557.D
Acq On : 04 Aug 2022 00:22
Operator : CG\JU
Sample : N4009-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-080222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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
2-Pentanone, 4-...	5.098	3.7	ng	131145	1	6.869	702425	20.0
Hexadecanoic ac...	11.775	11.7	ng	476276	4	11.398	817789	20.0
Anthracene, 2-m...	11.898	3.1	ng	127873	4	11.398	817789	20.0
Phenanthrene, 2...	11.927	4.7	ng	191747	4	11.398	817789	20.0
4H-Cyclopenta[d...	12.010	5.2	ng	212907	4	11.398	817789	20.0
Naphthalene, 2-...	12.192	2.4	ng	96137	4	11.398	817789	20.0
9,10-Anthracene...	12.222	2.7	ng	109002	4	11.398	817789	20.0
9,12-Octadecadi...	12.469	55.7	ng	2278200	4	11.398	817789	20.0
15-Octadecenoic...	12.486	39.4	ng	1610170	4	11.398	817789	20.0
Cyclopenta(def)...	12.539	3.1	ng	127165	4	11.398	817789	20.0
Pyrene, 1-methyl-	13.057	2.3	ng	230997	5	14.045	2026040	20.0
11H-Benzo[b]flu...	13.174	2.4	ng	244657	5	14.045	2026040	20.0
11H-Benzo[a]flu...	13.274	2.1	ng	214739	5	14.045	2026040	20.0
2-Phenanthrenol...	13.410	3.4	ng	339625	5	14.045	2026040	20.0
11H-Benzo[a]flu...	13.680	2.1	ng	214857	5	14.045	2026040	20.0
Benzo[b]naphtho...	13.792	2.3	ng	234173	5	14.045	2026040	20.0
7H-Benz[de]anth...	13.886	6.1	ng	621726	5	14.045	2026040	20.0
Benzo[e]pyrene	15.404	16.2	ng	548228	6	15.533	675036	20.0
Heneicosane	15.962	7.1	ng	239372	6	15.533	675036	20.0