LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
Data File : BF133599.D
Acq On : 06 Jun 2023 19:17
Operator : CG\JU
Sample : 03002-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB05B

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-BF052523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133599.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.040	494	502	513	rBV	32207	47903	2.59%	0.132%
2	5.445	566	571	574	rBV	1840592	1766781	95.51%	4.857%
3	6.457	739	743	746	rBV	1849617	1849813	100.00%	5.086%
4	6.834	804	807	811	rBV	941183	736835	39.83%	2.026%
5	7.398	899	903	906	rBV	1281624	1068639	57.77%	2.938%
6	8.116	1022	1025	1028	rBV	1031234	899010	48.60%	2.472%
7	9.192	1205	1208	1212	rBV	2157243	1792352	96.89%	4.928%
8	9.875	1320	1324	1327	rBV	1045659	816572	44.14%	2.245%
9	9.904	1327	1329	1333	rVB	76753	65051	3.52%	0.179%
10	10.080	1355	1359	1362	rBV	45193	41898	2.26%	0.115%
11	10.251	1385	1388	1391	rBV	128513	92529	5.00%	0.254%
12	10.422	1414	1417	1422	rBV	85090	71101	3.84%	0.195%
13	10.586	1442	1445	1449	rVB	391965	323179	17.47%	0.888%
14	10.663	1454	1458	1463	rBV	1229601	982387	53.11%	2.701%
15	10.969	1504	1510	1513	rBV3	26745	38441	2.08%	0.106%
16	11.257	1557	1559	1565	rVB	65326	58007	3.14%	0.159%
17	11.363	1573	1577	1579	rBV	904946	764647	41.34%	2.102%
18	11.386	1579	1581	1585	rVV	881960	685298	37.05%	1.884%
19	11.439	1587	1590	1593	rVB	218875	170312	9.21%	0.468%
20	11.592	1610	1616	1619	rBV	91314	87322	4.72%	0.240%
21	11.692	1630	1633	1637	rVB	64942	58824	3.18%	0.162%
22	11.774	1644	1647	1652	rVB	58385	67019	3.62%	0.184%
23	11.869	1659	1663	1665	rBV	258138	247819	13.40%	0.681%
24	11.892	1665	1667	1671	rVV	457007	388876	21.02%	1.069%
25	11.939	1672	1675	1678	rVV	85825	81327	4.40%	0.224%
26	11.974	1678	1681	1684	rVV2	193754	224138	12.12%	0.616%
27	11.998	1684	1685	1690	rVB	122104	88671	4.79%	0.244%
28	12.163	1710	1713	1715	rBV2	95100	99772	5.39%	0.274%
29	12.186	1715	1717	1723	rVB2	85132	108175	5.85%	0.297%
30	12.310	1733	1738	1741	rBV2	130504	131880	7.13%	0.363%
31	12.345	1741	1744	1746	rBV	188629	167575	9.06%	0.461%
32	12.368	1746	1748	1751	rVB	159332	121674	6.58%	0.335%
33	12.416	1751	1756	1759	rBV	212660	240676	13.01%	0.662%
34	12.451	1759	1762	1764	rBV2	103274	112228	6.07%	0.309%
35	12.474	1764	1766	1768	rVB	83980	58068	3.14%	0.160%
36	12.498	1768	1770	1775	rBV	119884	131072	7.09%	0.360%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
Data File : BF133599.D
Acq On : 06 Jun 2023 19:17
Operator : CG\JU
Sample : 03002-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB05B

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-BF052523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.580	1780	1784	1787	rBV	1017564	841518	45.49%	2.314%
38	12.627	1787	1792	1793	rBV	52780	46655	2.52%	0.128%
39	12.733	1807	1810	1813	rBV2	101328	108164	5.85%	0.297%
40	12.810	1817	1823	1826	rBV	1308079	1284097	69.42%	3.530%
41	12.868	1829	1833	1836	rVB2	150043	175341	9.48%	0.482%
42	12.916	1836	1841	1844	rBV4	87260	159378	8.62%	0.438%
43	12.951	1844	1847	1854	rVB	1521936	1485072	80.28%	4.083%
44	13.027	1855	1860	1864	rBV3	114616	216290	11.69%	0.595%
45	13.080	1867	1869	1872	rBV	93661	94500	5.11%	0.260%
46	13.115	1872	1875	1876	rBV2	85193	86702	4.69%	0.238%
47	13.139	1876	1879	1882	rVB	243384	227075	12.28%	0.624%
48	13.186	1882	1887	1888	rBV3	63764	82046	4.44%	0.226%
49	13.204	1888	1890	1893	rVB	194746	149494	8.08%	0.411%
50	13.245	1893	1897	1899	rBV	704980	651575	35.22%	1.791%
51	13.268	1899	1901	1905	rVB3	63223	64680	3.50%	0.178%
52	13.333	1909	1912	1915	rVB	329748	297175	16.07%	0.817%
53	13.368	1915	1918	1921	rBV	349152	316534	17.11%	0.870%
54	13.398	1921	1923	1927	rVB3	102452	111736	6.04%	0.307%
55	13.451	1927	1932	1935	rBV5	62727	91755	4.96%	0.252%
56	13.486	1935	1938	1940	rBV4	37525	48997	2.65%	0.135%
57	13.515	1940	1943	1944	rBV2	51330	47343	2.56%	0.130%
58	13.545	1944	1948	1949	rBV2	128563	132776	7.18%	0.365%
59	13.563	1949	1951	1954	rVV	103565	116483	6.30%	0.320%
60	13.627	1958	1962	1963	rBV2	129611	160644	8.68%	0.442%
61	13.651	1963	1966	1970	rVB2	296213	381933	20.65%	1.050%
62	13.686	1970	1972	1974	rBV	49952	46088	2.49%	0.127%
63	13.710	1974	1976	1979	rVB	319140	254293	13.75%	0.699%
64	13.745	1979	1982	1983	rBV	381049	320438	17.32%	0.881%
65	13.763	1983	1985	1988	rVB2	400515	449620	24.31%	1.236%
66	13.827	1993	1996	1999	rBV2	115433	154068	8.33%	0.424%
67	13.863	1999	2002	2005	rBV	167392	193144	10.44%	0.531%
68	13.886	2005	2006	2010	rVB	162740	135301	7.31%	0.372%
69	13.933	2011	2014	2015	rBV	128330	138560	7.49%	0.381%
70	13.951	2015	2017	2019	rVB	168136	123101	6.65%	0.338%
71	13.980	2019	2022	2023	rBV	144171	147485	7.97%	0.405%
72	14.004	2023	2026	2029	rBV2	841696	1192478	64.46%	3.278%
73	14.039	2029	2032	2034	rVB	995617	872511	47.17%	2.399%
74	14.062	2034	2036	2039	rVB	181563	159761	8.64%	0.439%
75	14.098	2039	2042	2045	rVB	574009	471268	25.48%	1.296%
76	14.174	2049	2055	2058	rBV2	427336	649564	35.12%	1.786%

LSC Area Percent Report

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Operator : CG\JU
Sample : 03002-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.204	2058	2060	2062	rVB	133033	112167	6.06%	0.308%
78	14.245	2062	2067	2069	rBV3	209419	311082	16.82%	0.855%
79	14.268	2069	2071	2074	rVB	147085	117978	6.38%	0.324%
80	14.298	2074	2076	2078	rVB	99859	68852	3.72%	0.189%
81	14.327	2078	2081	2085	rBV2	226568	298911	16.16%	0.822%
82	14.362	2085	2087	2089	rBV2	308811	327087	17.68%	0.899%
83	14.404	2089	2094	2097	rVB	1227412	1407814	76.11%	3.870%
84	14.439	2097	2100	2102	rBV	691606	621969	33.62%	1.710%
85	14.468	2103	2105	2108	rBV2	269970	247418	13.38%	0.680%
86	14.527	2112	2115	2117	rBV2	401580	344640	18.63%	0.947%
87	14.551	2117	2119	2124	rVB2	204160	216921	11.73%	0.596%
88	14.598	2124	2127	2129	rVB2	244477	234231	12.66%	0.644%
89	14.651	2133	2136	2141	rVB3	249021	329268	17.80%	0.905%
90	14.698	2141	2144	2146	rBV2	174904	162492	8.78%	0.447%
91	14.739	2147	2151	2152	rBV	386348	444014	24.00%	1.221%
92	14.792	2157	2160	2162	rBV	475781	406996	22.00%	1.119%
93	14.827	2163	2166	2170	rVB	633085	722598	39.06%	1.987%
94	14.868	2170	2173	2176	rBV	223015	209824	11.34%	0.577%
95	14.904	2176	2179	2181	rBV	224029	256522	13.87%	0.705%
96	14.957	2186	2188	2192	rVB2	259177	278679	15.07%	0.766%
97	15.057	2202	2205	2211	rVB	291428	444770	24.04%	1.223%
98	15.362	2253	2257	2261	rBV2	382991	495209	26.77%	1.361%
99	15.421	2263	2267	2274	rVB	460981	664639	35.93%	1.827%
100	15.480	2274	2277	2280	rBV	249142	278086	15.03%	0.765%

Sum of corrected areas: 36373681

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
Data File : BF133599.D
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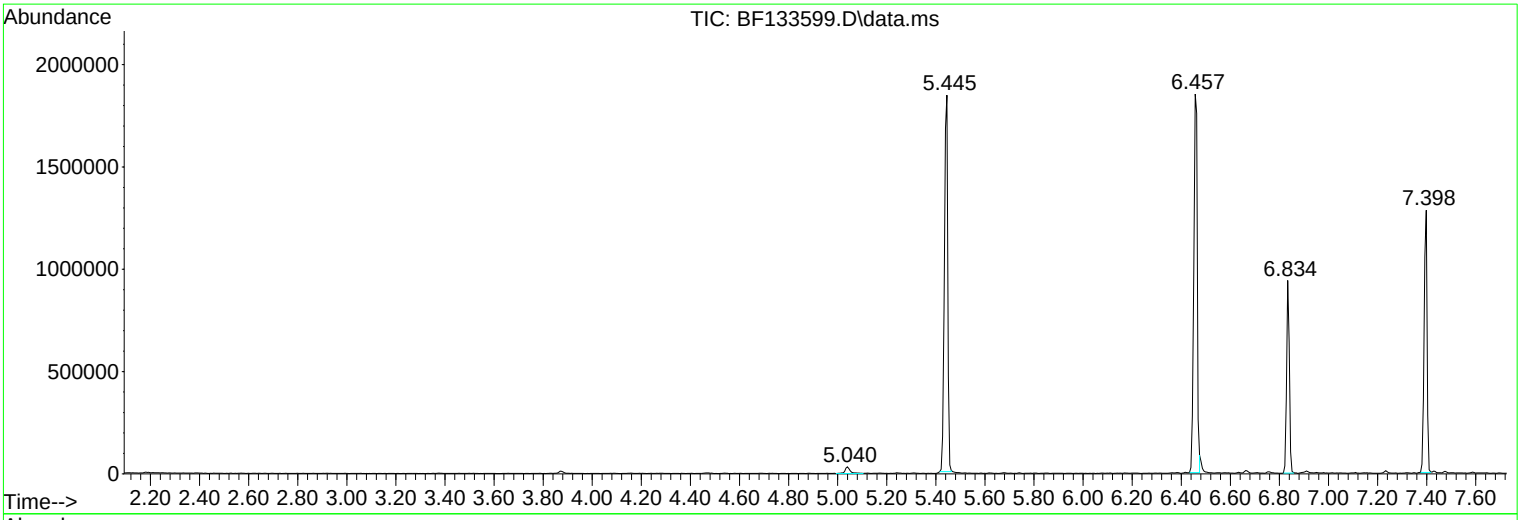
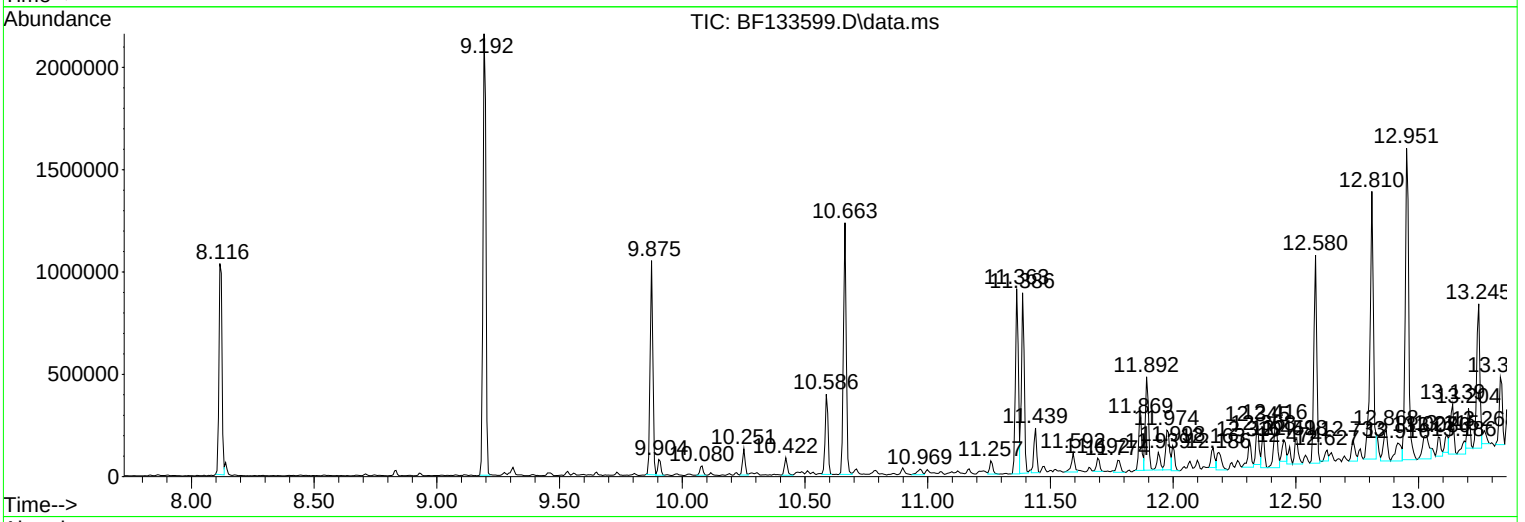
Sample : 03002-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

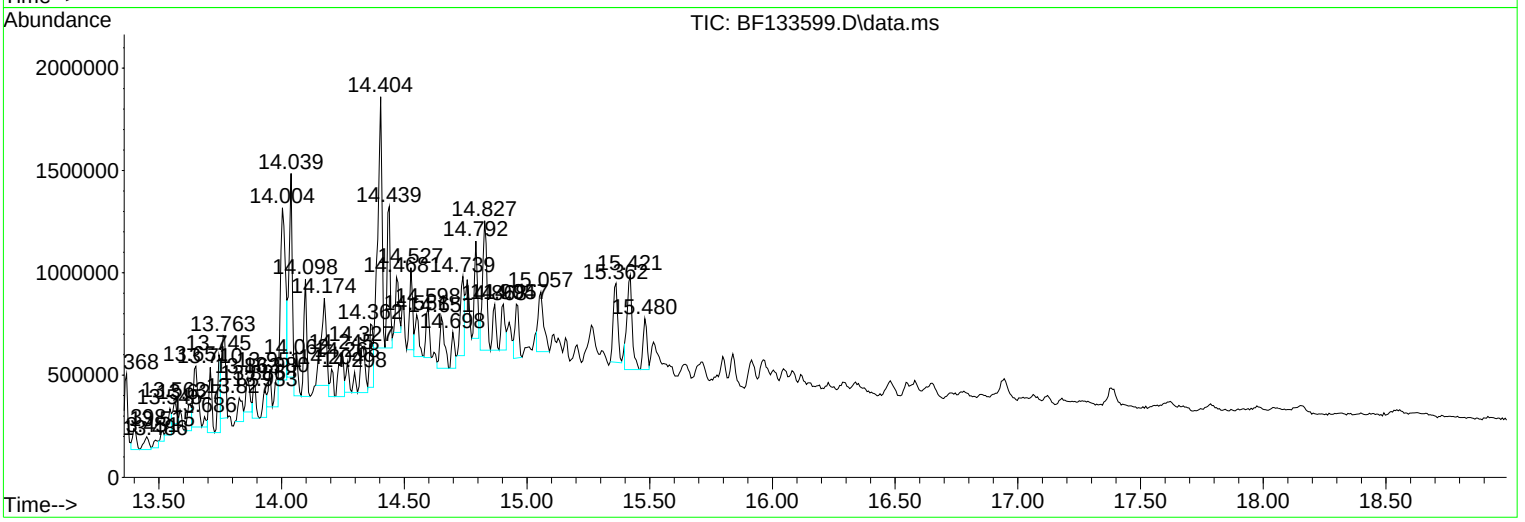
Instrument :
BNA_F
ClientSampleId :
SB05B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.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\BF060623\
Data File : BF133599.D
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Operator : CG\JU
Sample : 03002-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB05B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

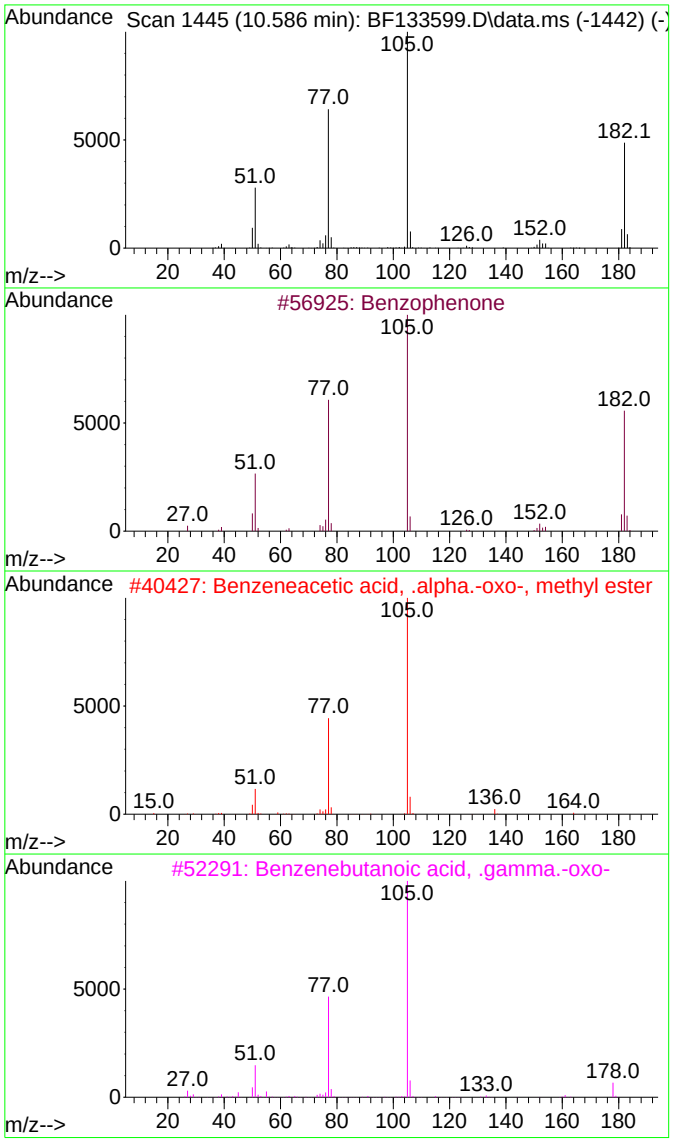
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

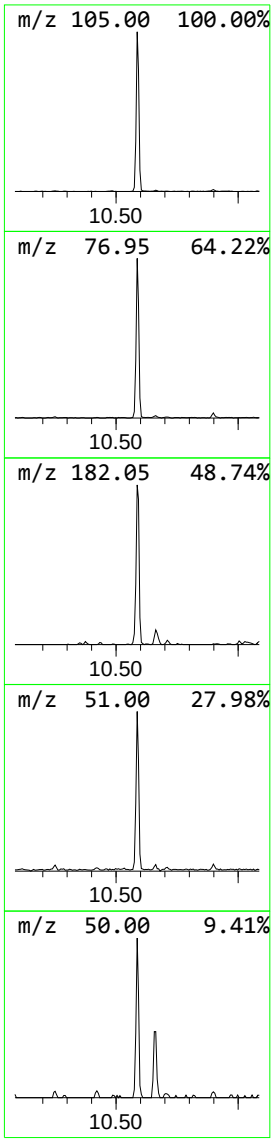
****

Peak Number 1 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.586	7.92 ng	323179	Acenaphthene-d10	9.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	58
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	50
4	acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	50
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
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Sample : 03002-02
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.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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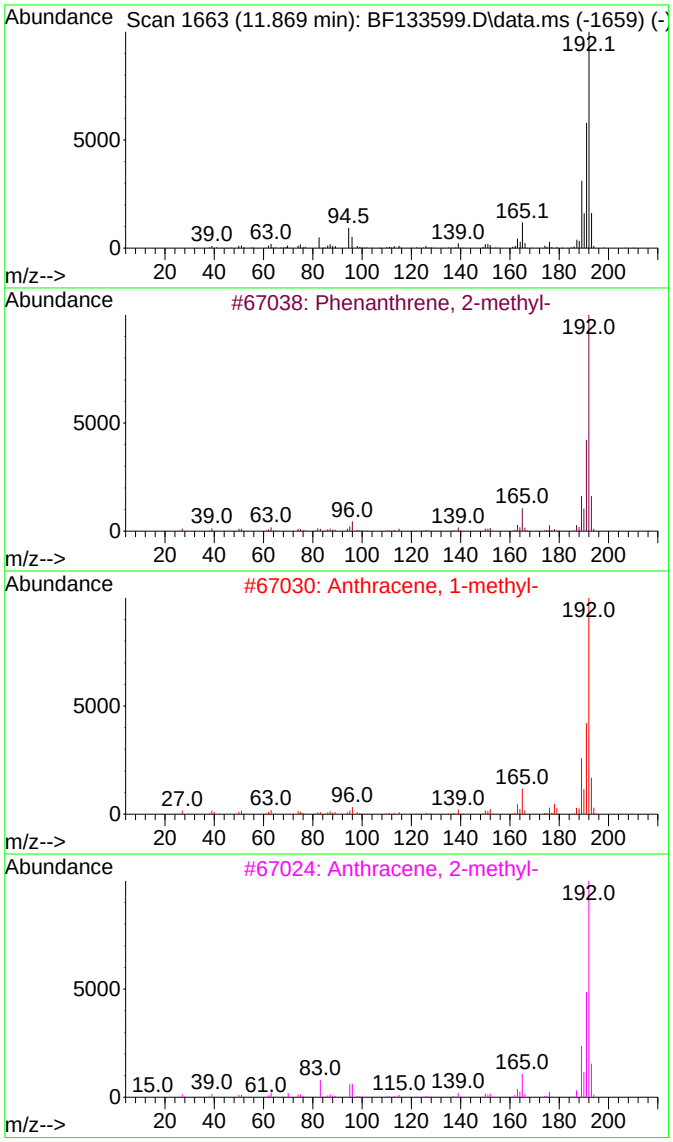
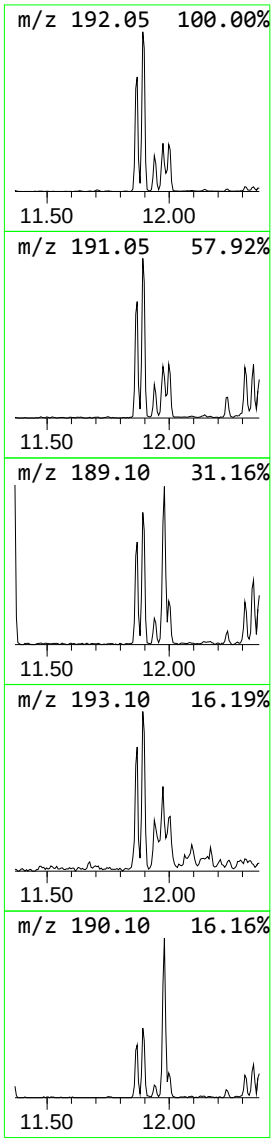
Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.868	6.48 ng	247819	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.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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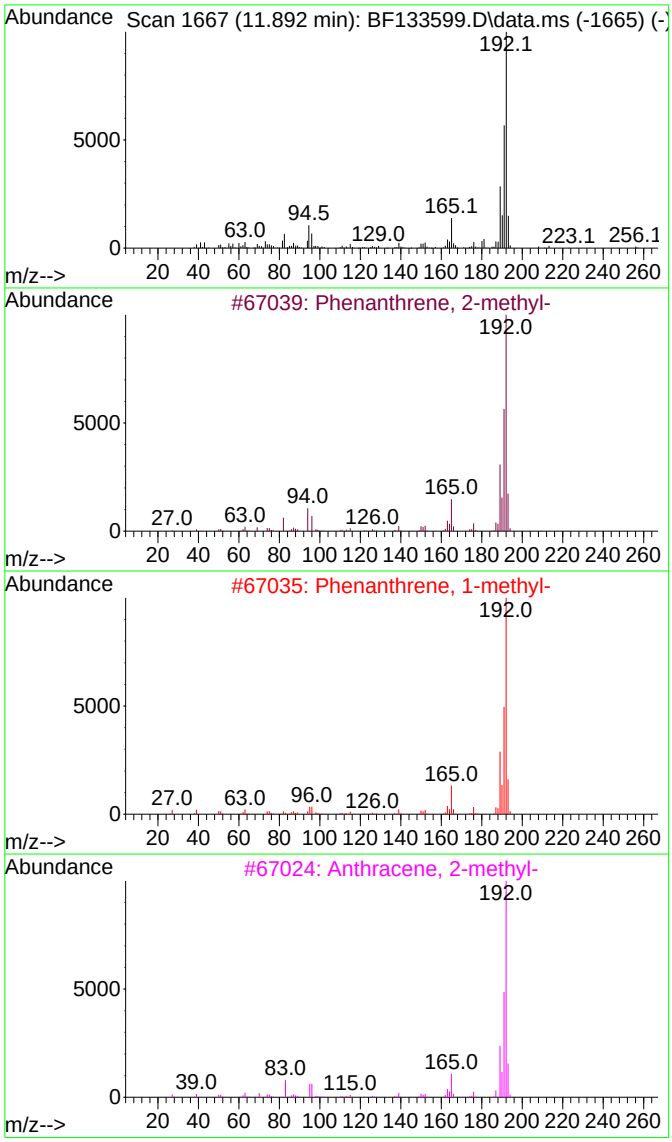
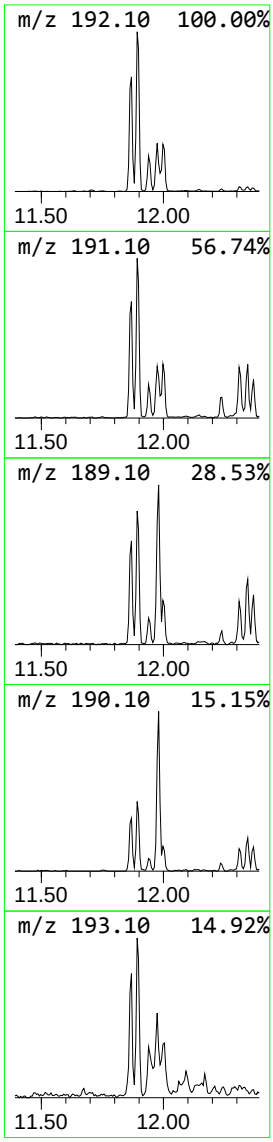
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	10.17 ng	388876	Phenanthrene-d10	11.363

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	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
Data File : BF133599.D
Acq On : 06 Jun 2023 19:17
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Sample : 03002-02
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.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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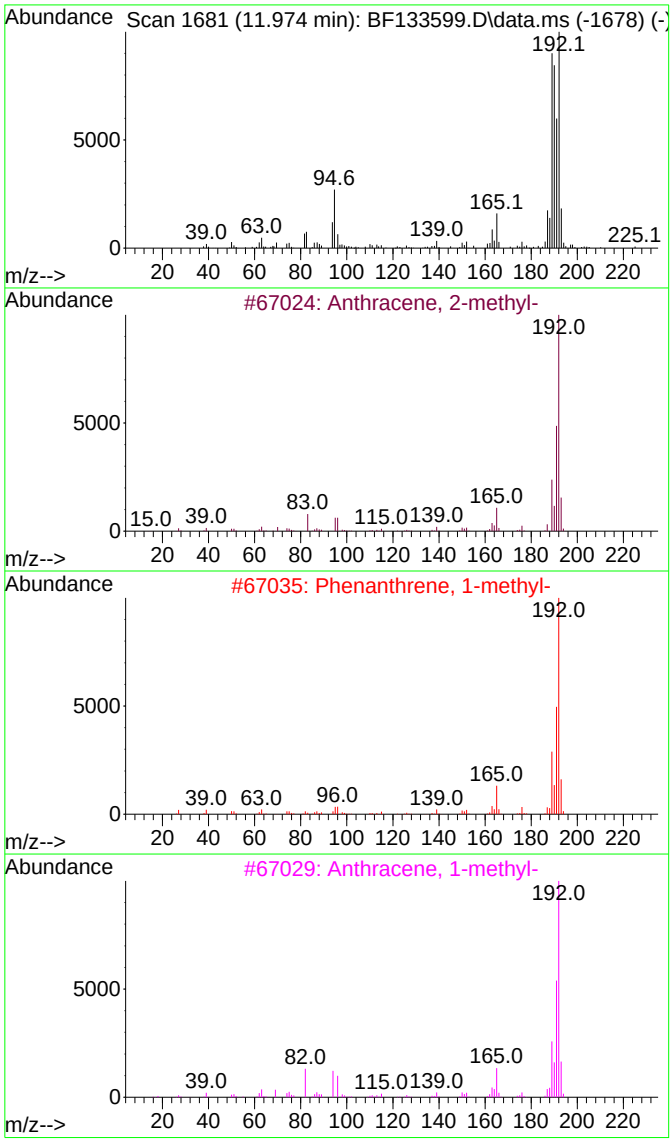
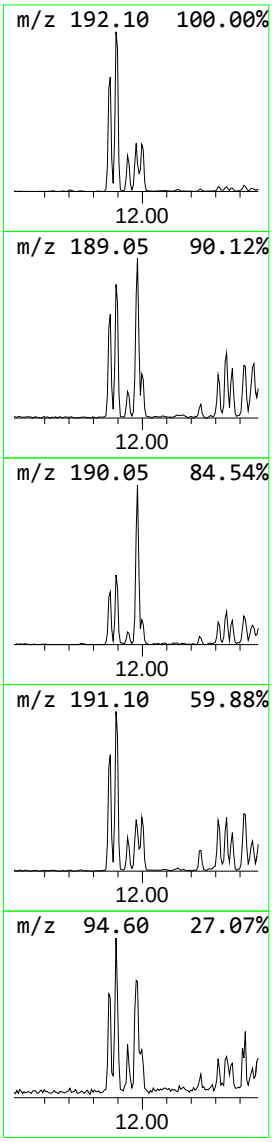
Peak Number 4 Anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	5.86 ng	224138	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	80
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
Data File : BF133599.D
Acq On : 06 Jun 2023 19:17
Operator : CG\JU
Sample : 03002-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB05B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.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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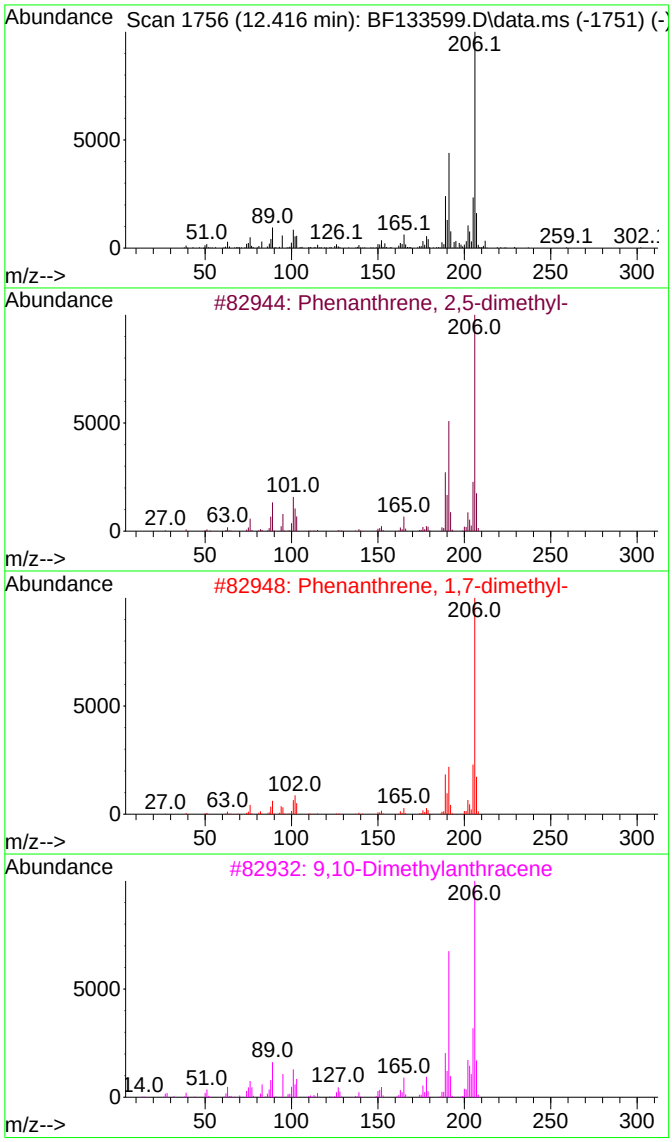
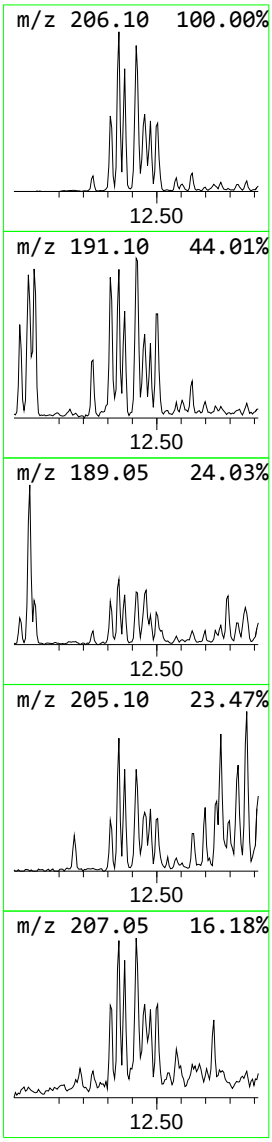
Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	6.30 ng	240676	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





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Acq On : 06 Jun 2023 19:17
Operator : CG\JU
Sample : 03002-02
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

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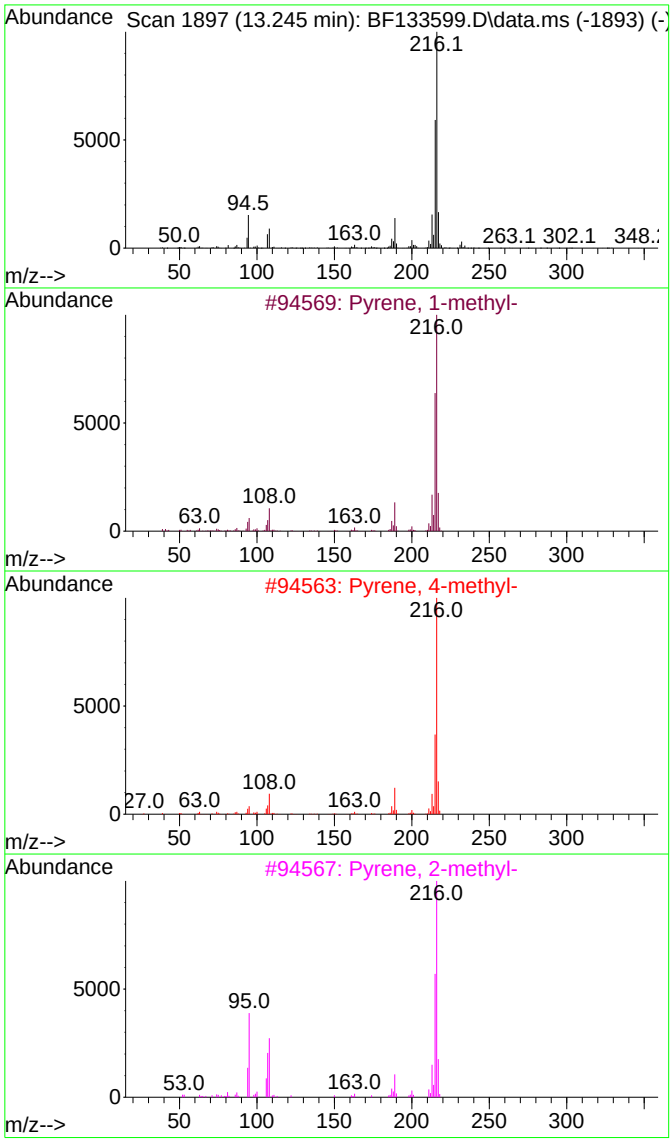
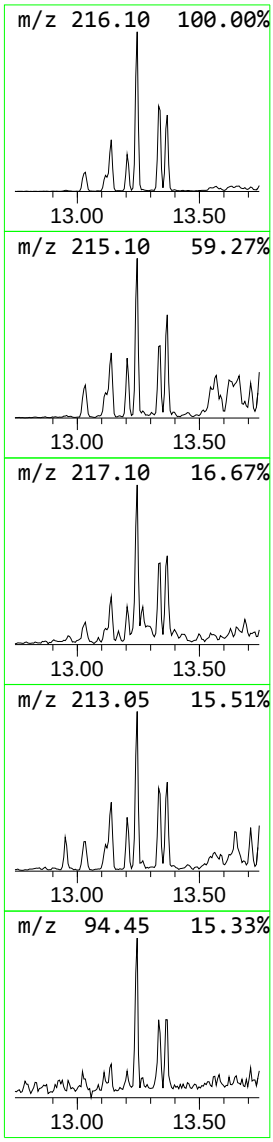
Peak Number 6 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.245	10.93 ng	651575	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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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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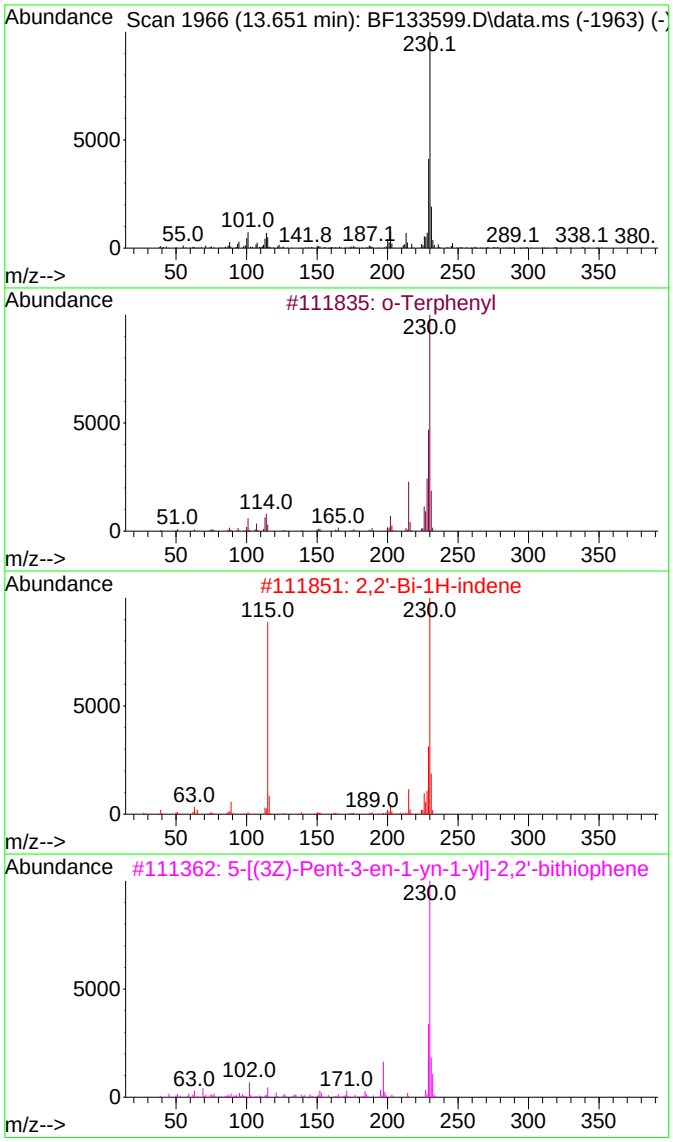
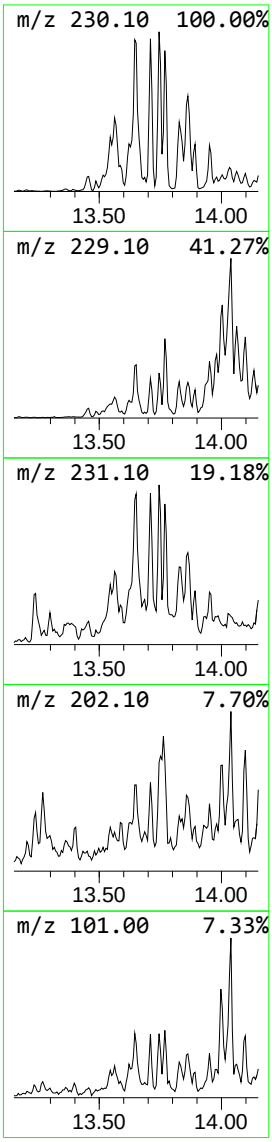
Peak Number 7 o-Terphenyl Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.651	6.41 ng	381933	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Terphenyl	230	C18H14	000084-15-1	90
2	2,2'-Bi-1H-indene	230	C18H14	000787-61-1	87
3	5-[(3Z)-Pent-3-en-1-yn-1-yl]-2,2...	230	C13H10S2	1000415-02-3	86
4	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	64
5	m-Terphenyl	230	C18H14	000092-06-8	58





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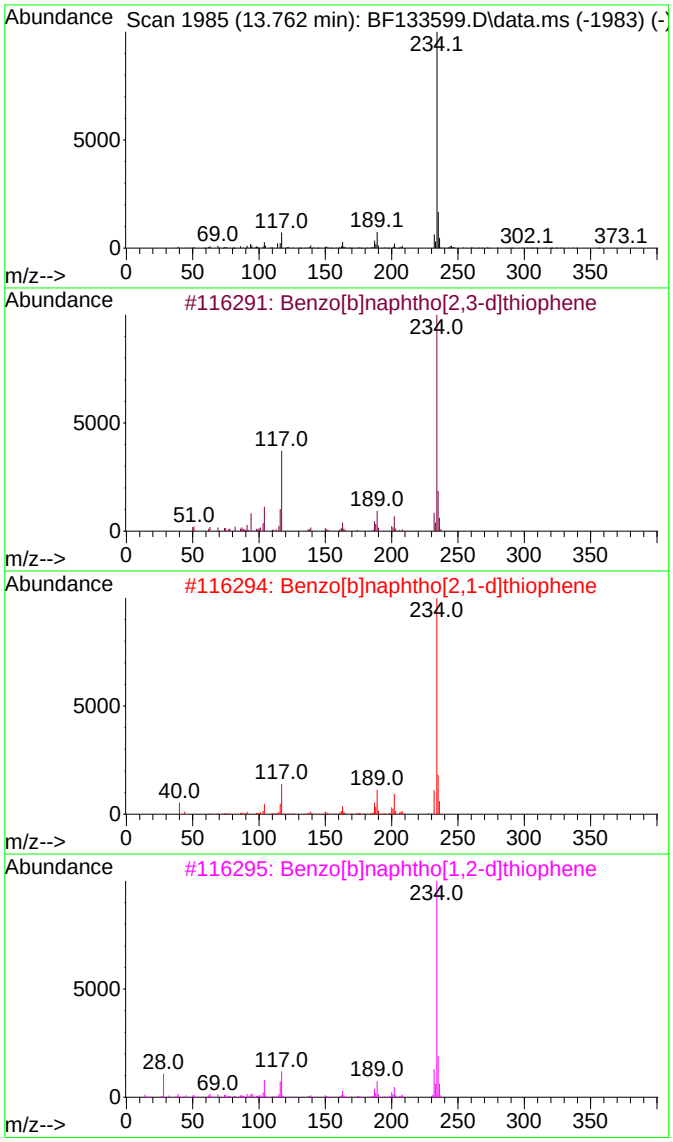
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

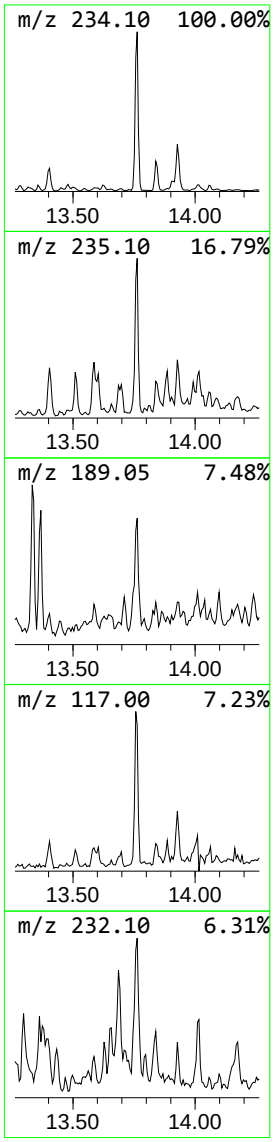
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.762	7.54 ng	449620	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	86
4	Benzo[b]1,4-dioxan-2-ol, 2-(2-th...	234	C12H10O3S	312614-85-0	72
5	5,6,8,9,10,11-Hexahydrobenz[a]an...	234	C18H18	067064-61-3	64





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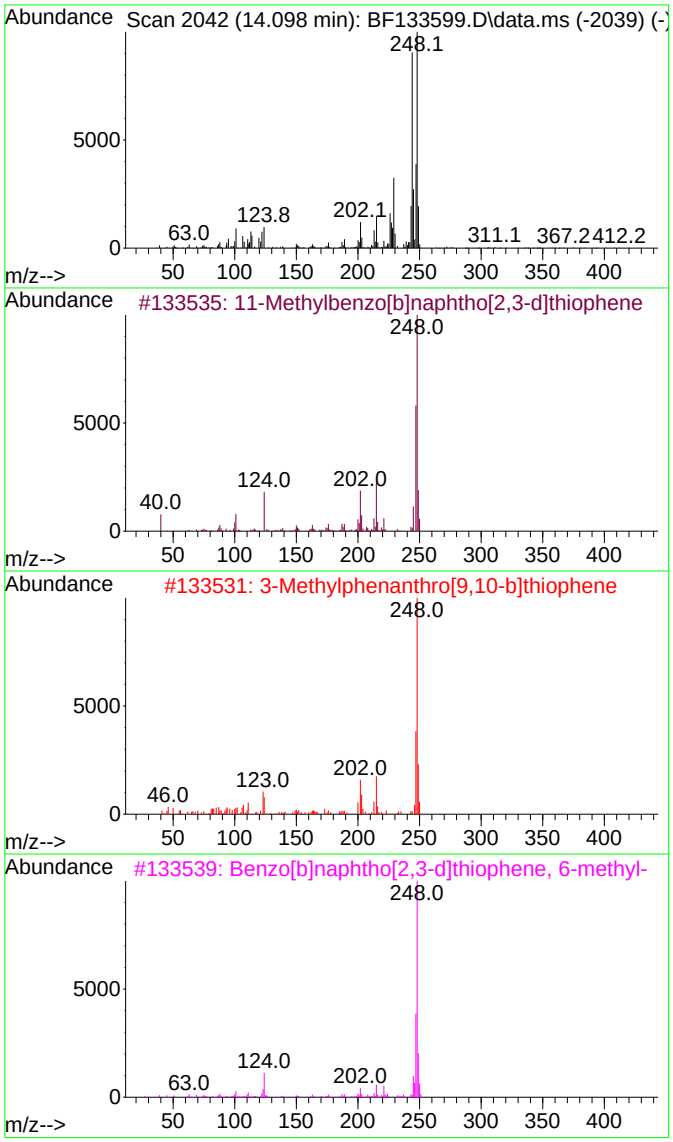
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

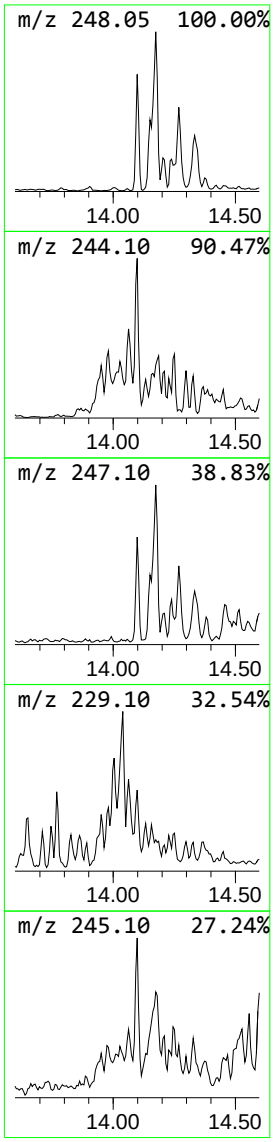
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 11-Methylbenzo[b]naphtho[2,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.098	7.90 ng	471268	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Methylbenzo[b]naphtho[2,3-d]t...	248	C17H12S	079966-33-9	66
2	3-Methylphenanthro[9,10-b]thiophene	248	C17H12S	082420-70-0	50
3	Benzo[b]naphtho[2,3-d]thiophene,...	248	C17H12S	024360-63-2	50
4	3-Methylbenzo[b]naphtho[2,1-d]th...	248	C17H12S	004567-45-7	43
5	2-Phenyldibenzofuran	244	C18H12O	078210-31-8	35





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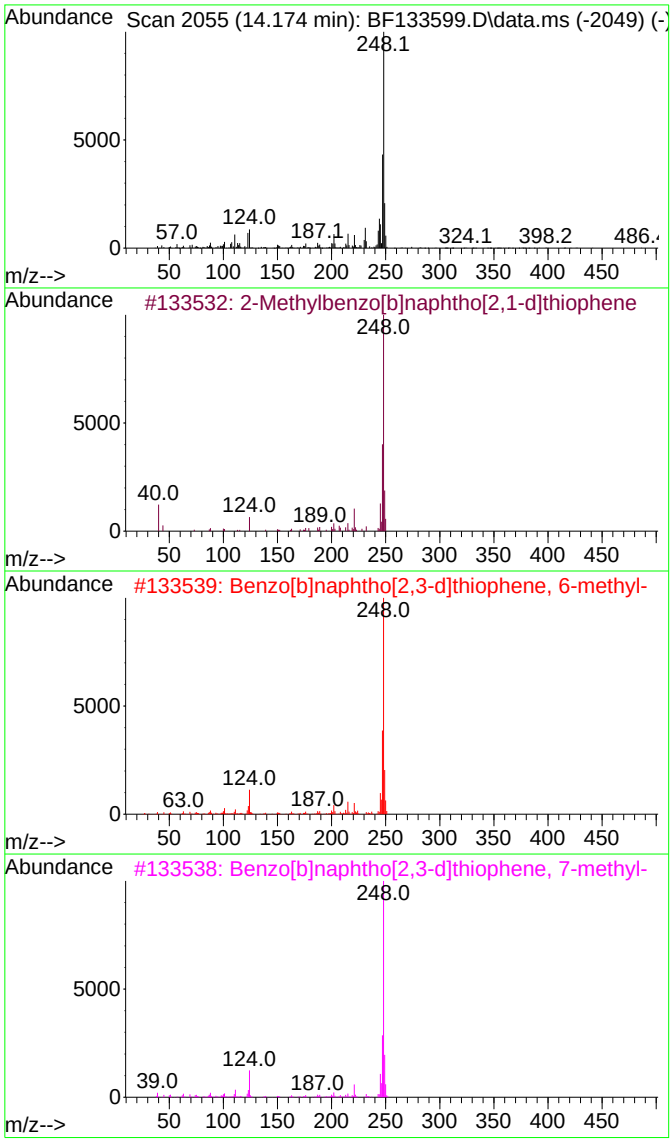
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

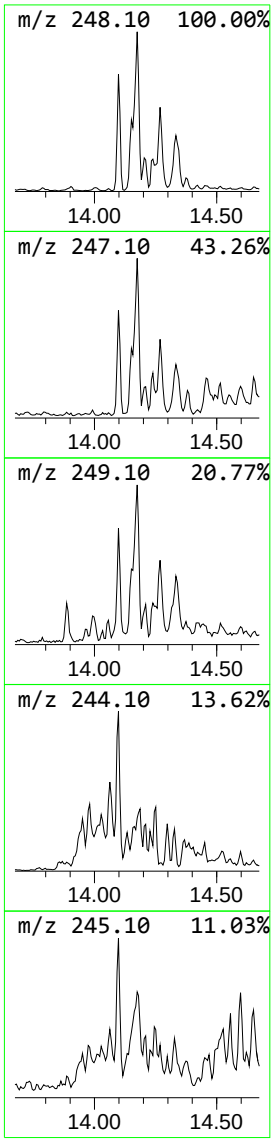
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2-Methylbenzo[b]naphtho[2,1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.174	10.89 ng	649564	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylbenzo[b]naphtho[2,1-d]th...	248	C17H12S	1000326-06-8	90
2	Benzo[b]naphtho[2,3-d]thiophene,...	248	C17H12S	024360-63-2	90
3	Benzo[b]naphtho[2,3-d]thiophene,...	248	C17H12S	024964-09-8	76
4	11-Methylbenzo[b]naphtho[2,3-d]t...	248	C17H12S	079966-33-9	74
5	Benzo[b]naphtho[2,3-d]thiophene,...	248	C17H12S	024964-07-6	70





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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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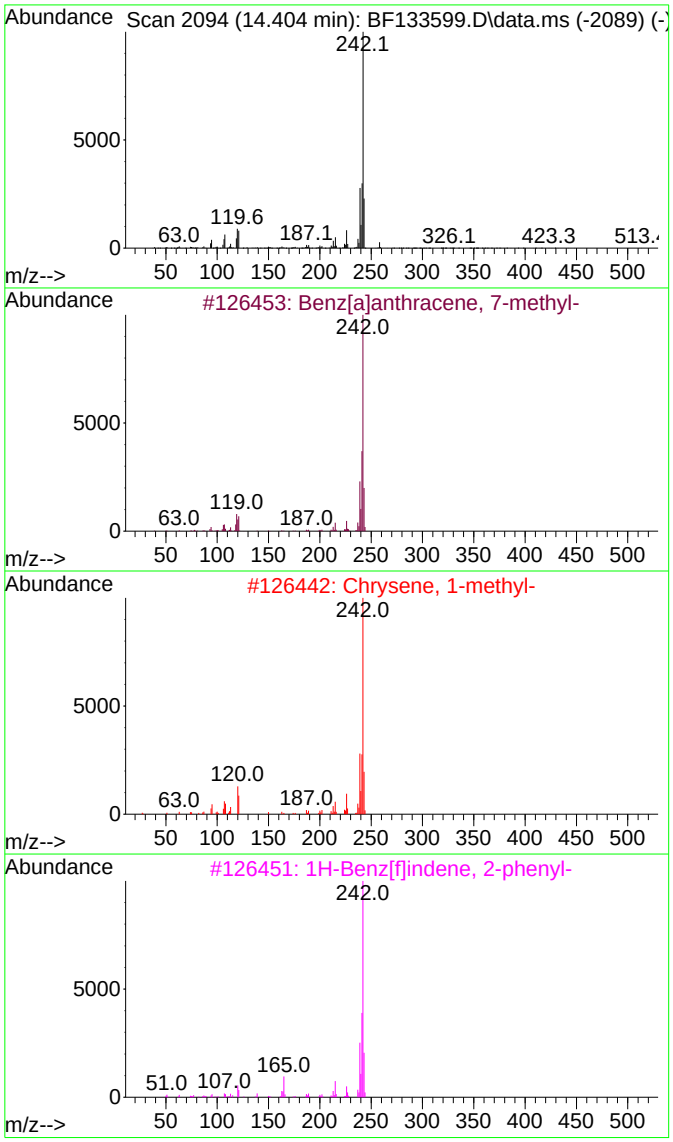
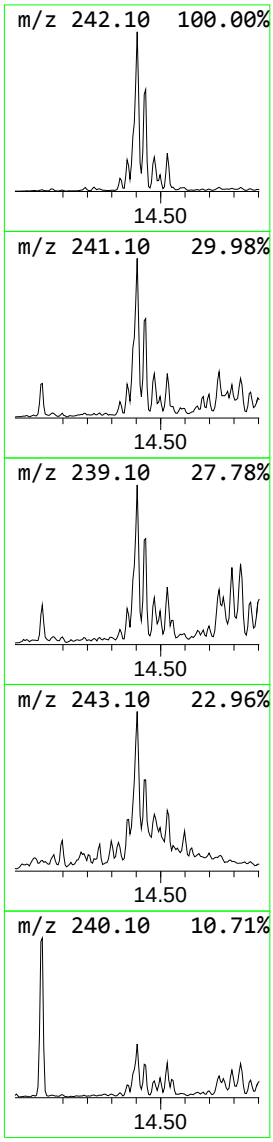
Peak Number 11 Benz[a]anthracene, 7-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.404	23.61 ng	1407810	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
3	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	93
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	92
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	89





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Sample : 03002-02
Misc :
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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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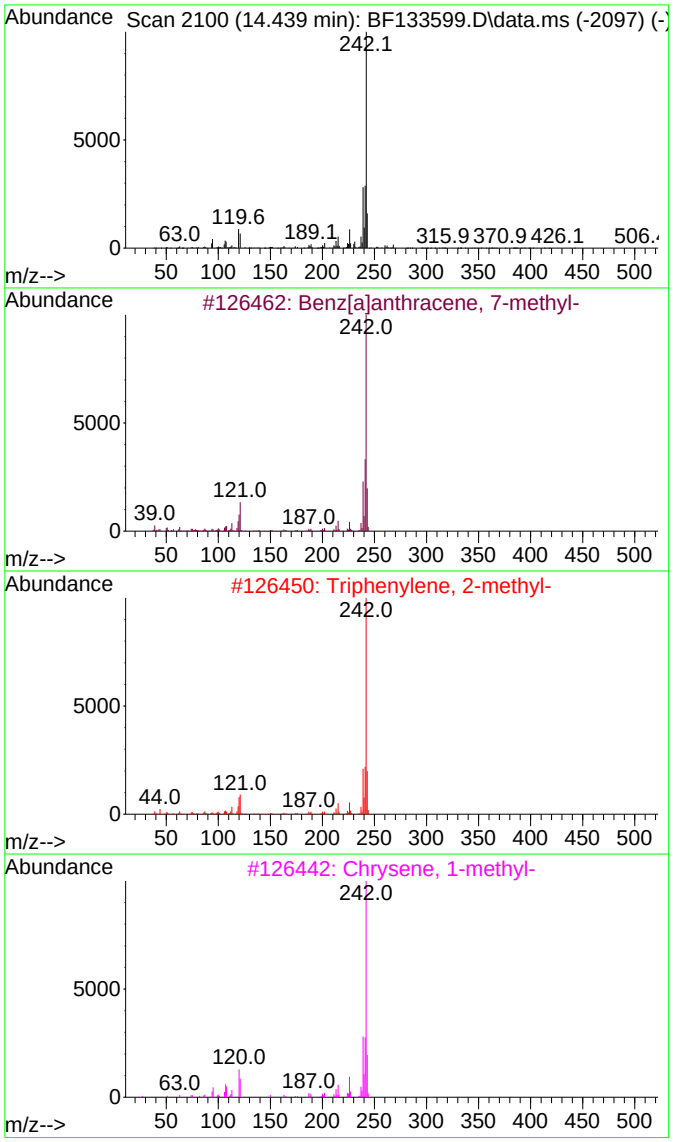
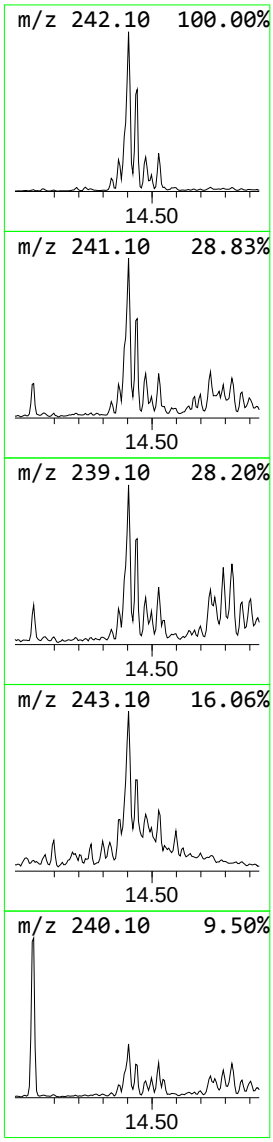
Peak Number 12 Triphenylene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.439	10.43 ng	621969	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	94
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
4	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	93
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90





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Misc :
ALS Vial : 15 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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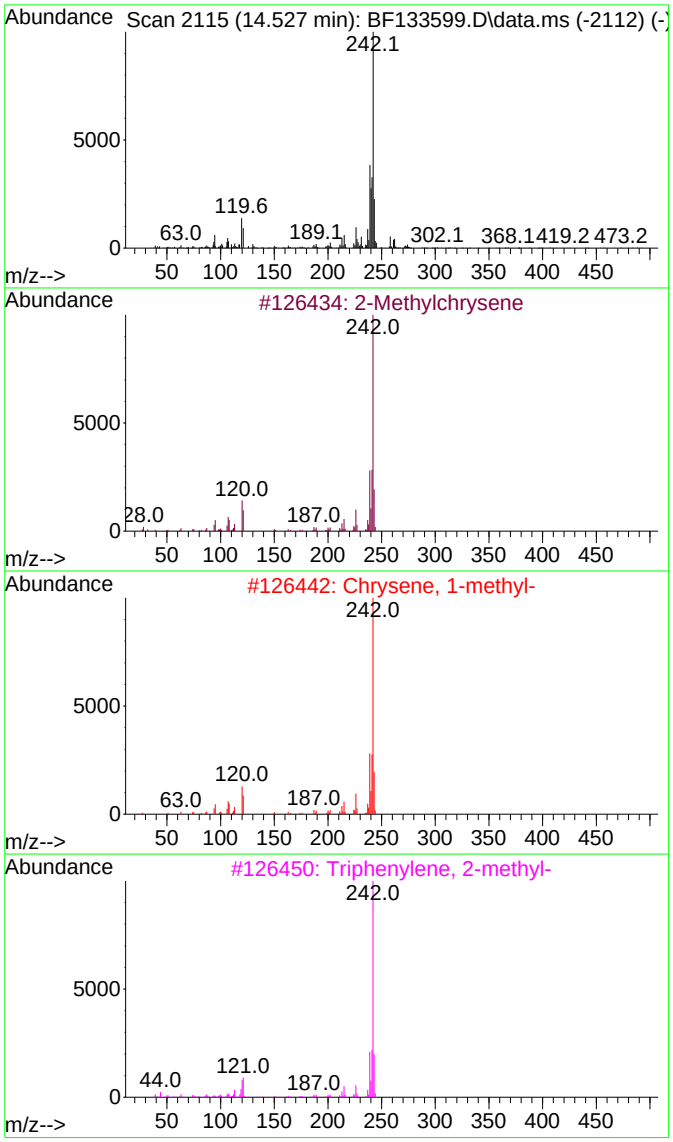
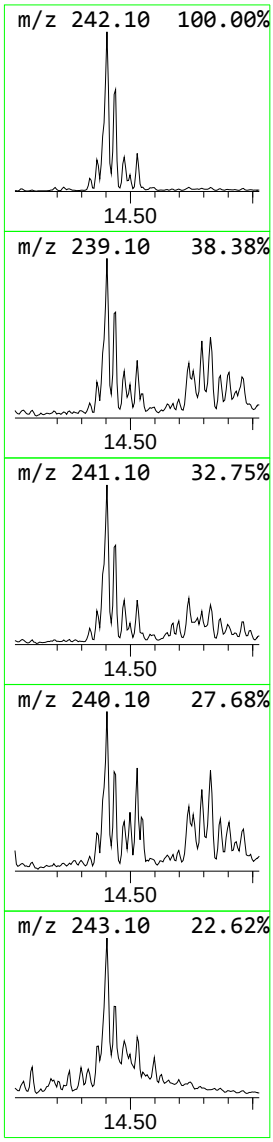
Peak Number 13 2-Methylchrysene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.527	5.78 ng	344640	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylchrysene	242	C19H14	003351-32-4	96
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	92
4	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	90
5	Chrysene, 6-methyl-	242	C19H14	001705-85-7	87





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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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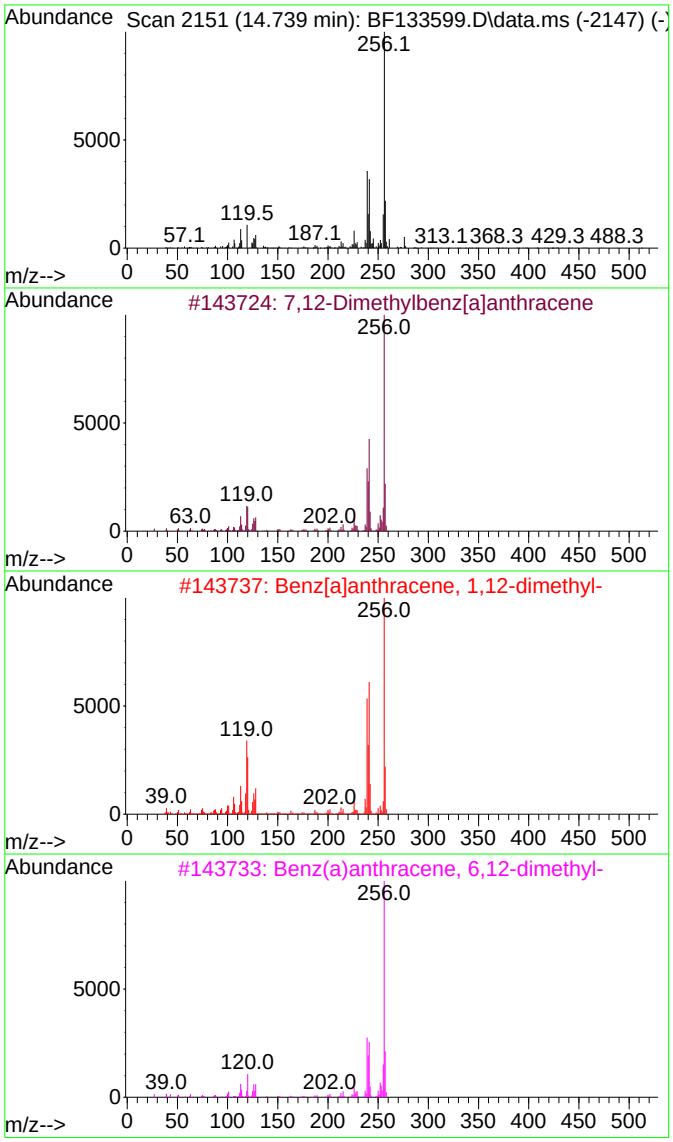
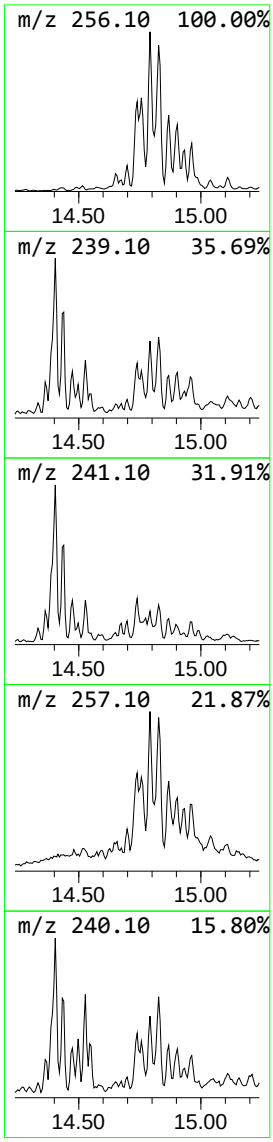
Peak Number 14 7,12-Dimethylbenz[a]anthracene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.739	7.45 ng	444014	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dimethylbenz[a]anthracene	256	C20H16	000057-97-6	94
2	Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	93
3	Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	93
4	4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	91
5	5,12-Dimethylbenz[a]anthracene	256	C20H16	021297-22-3	90





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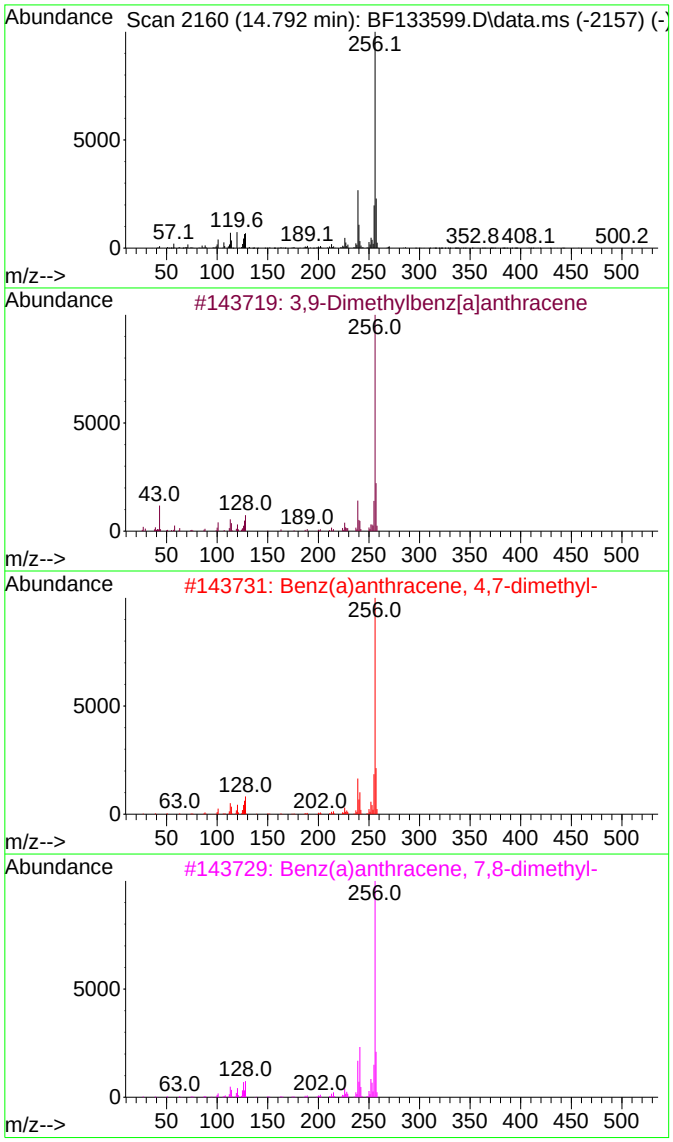
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

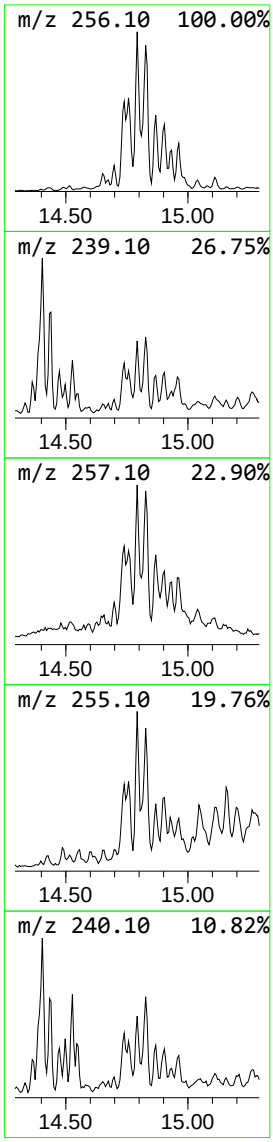
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 3,9-Dimethylbenz[a]anthracene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	29.27 ng	406996	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,9-Dimethylbenz[a]anthracene	256	C20H16	000316-51-8	96
2	Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	95
3	Benz(a)anthracene, 7,8-dimethyl-	256	C20H16	000604-81-9	91
4	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	91
5	4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	91





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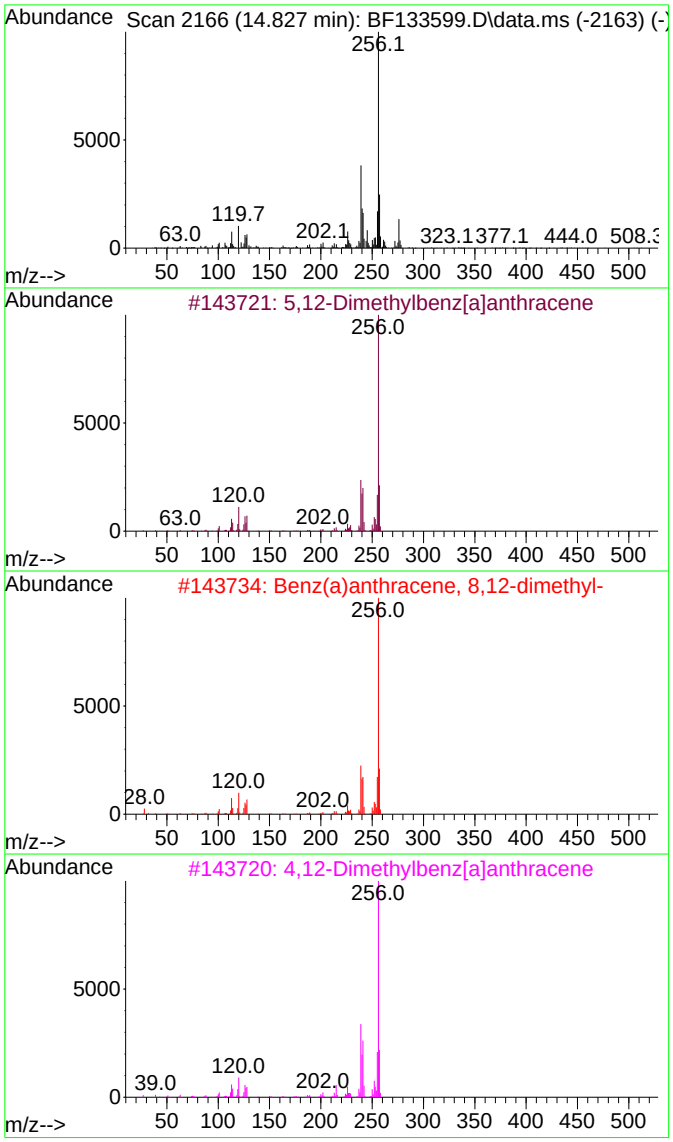
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

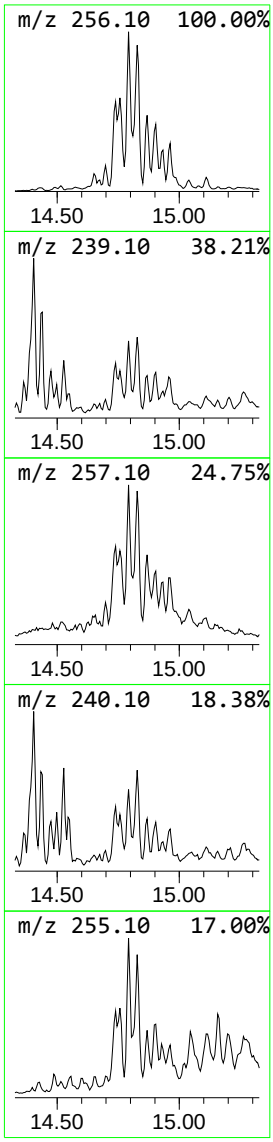
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 5,12-Dimethylbenz[a]anthracene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.827	51.97 ng	722598	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,12-Dimethylbenz[a]anthracene	256	C20H16	021297-22-3	94
2	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	94
3	4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	91
4	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	89
5	7,12-Dimethylbenz[a]anthracene	256	C20H16	000057-97-6	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
Data File : BF133599.D
Acq On : 06 Jun 2023 19:17
Operator : CG\JU
Sample : 03002-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB05B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.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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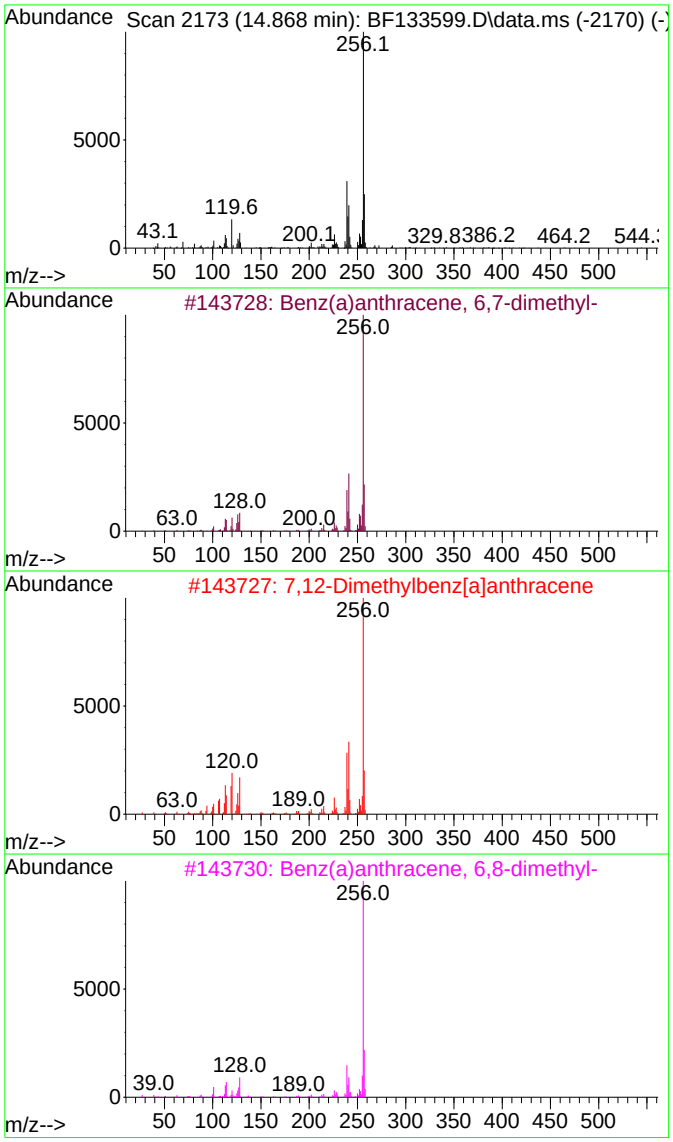
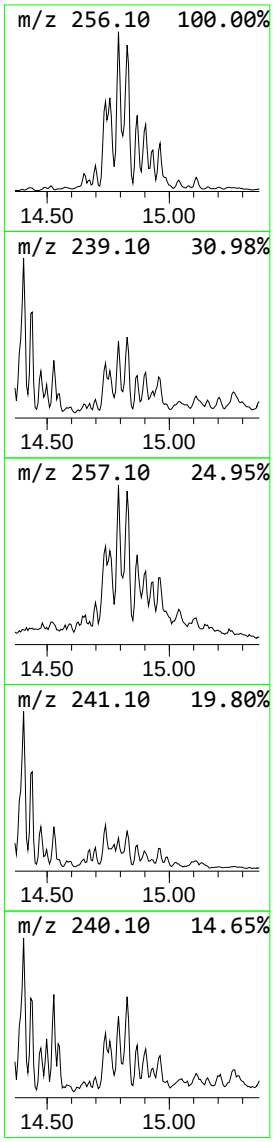
Peak Number 17 Benz(a)anthracene, 6,7-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.868	15.09 ng	209824	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene, 6,7-dimethyl-	256	C20H16	020627-28-5	95
2	7,12-Dimethylbenz[a]anthracene	256	C20H16	000057-97-6	93
3	Benz(a)anthracene, 6,8-dimethyl-	256	C20H16	000317-64-6	93
4	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	93
5	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
Data File : BF133599.D
Acq On : 06 Jun 2023 19:17
Operator : CG\JU
Sample : 03002-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB05B

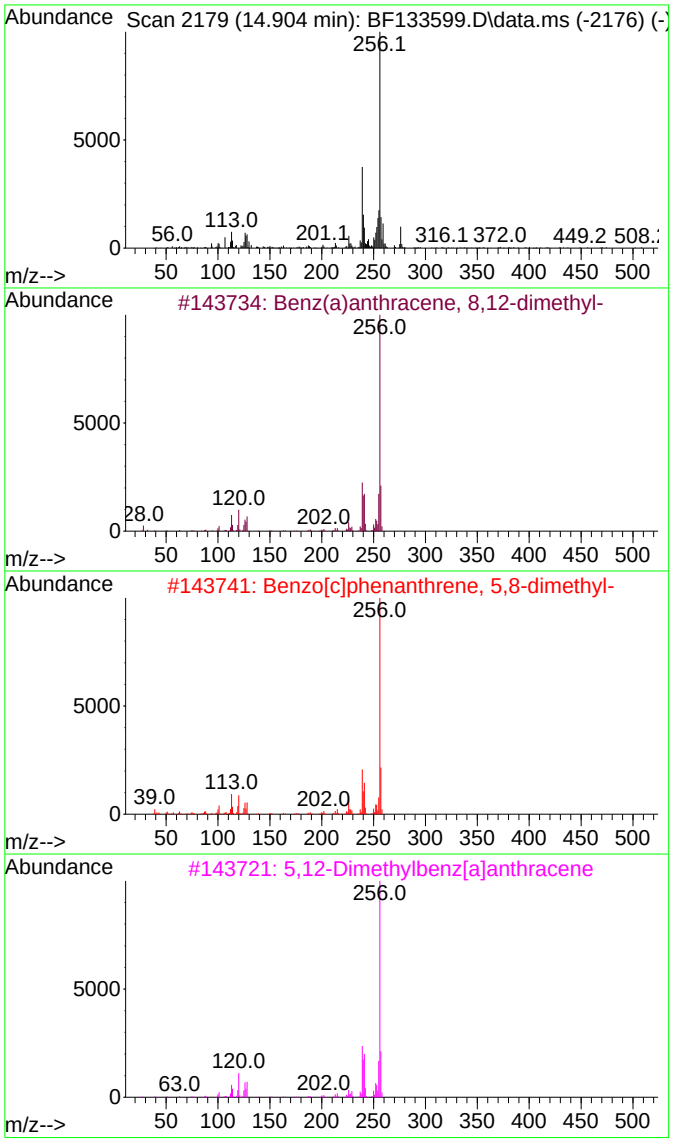
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

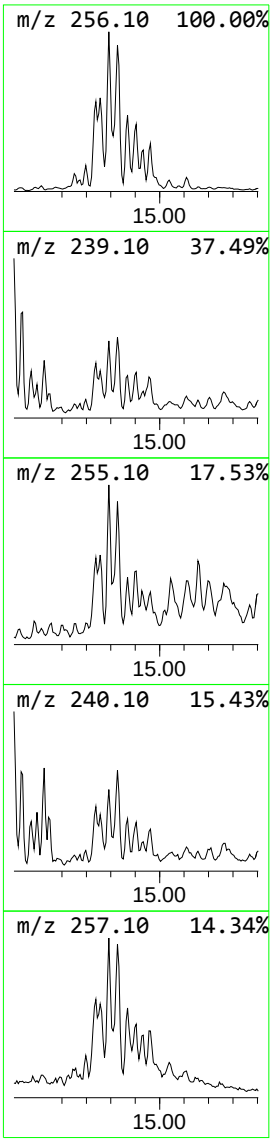
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benz(a)anthracene, 8,12-dim... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.904	18.45 ng	256522	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	86
2	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	70
3	5,12-Dimethylbenz[a]anthracene	256	C20H16	021297-22-3	70
4	7,12-Dimethylbenz[a]anthracene	256	C20H16	000057-97-6	64
5	Benz(a)anthracene, 6,7-dimethyl-	256	C20H16	020627-28-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
Data File : BF133599.D
Acq On : 06 Jun 2023 19:17
Operator : CG\JU
Sample : 03002-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB05B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.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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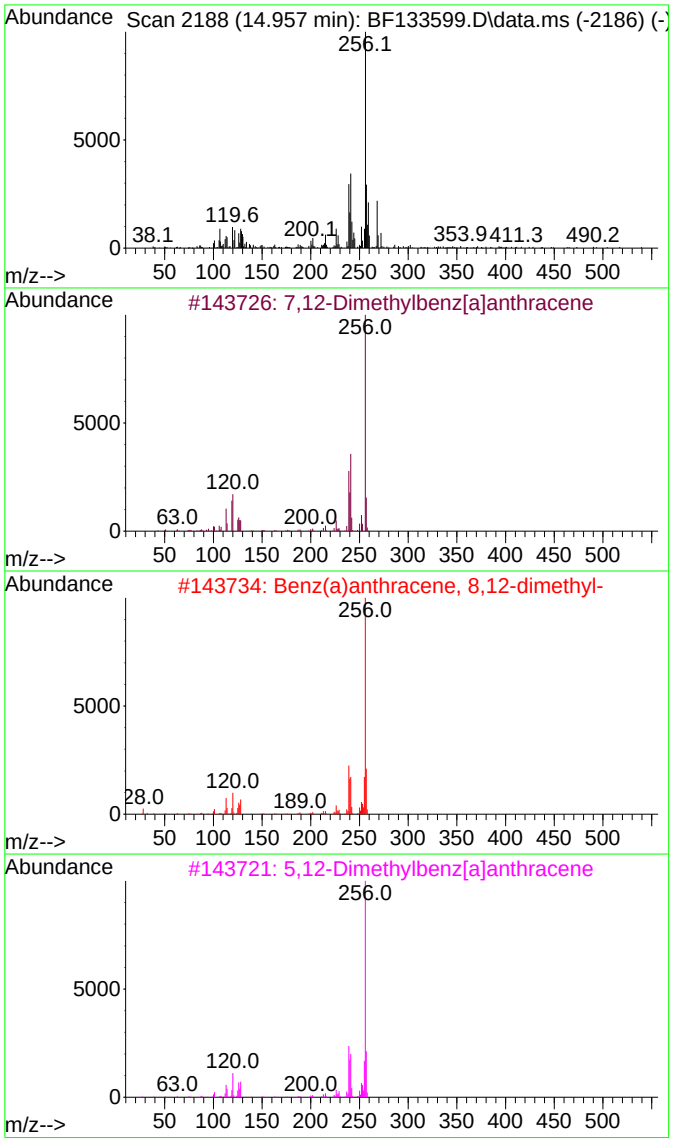
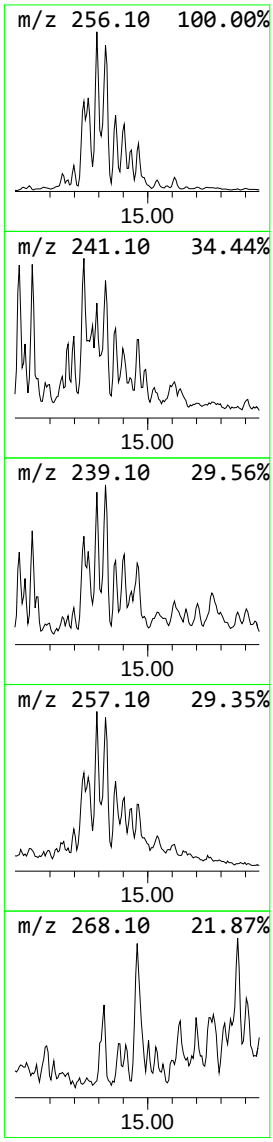
Peak Number 19 Benzo[c]phenanthrene, 5,8-d... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.957	20.04 ng	278679	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dimethylbenz[a]anthracene	256	C20H16	000057-97-6	83
2	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	70
3	5,12-Dimethylbenz[a]anthracene	256	C20H16	021297-22-3	64
4	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	62
5	4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
Data File : BF133599.D
Acq On : 06 Jun 2023 19:17
Operator : CG\JU
Sample : 03002-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB05B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.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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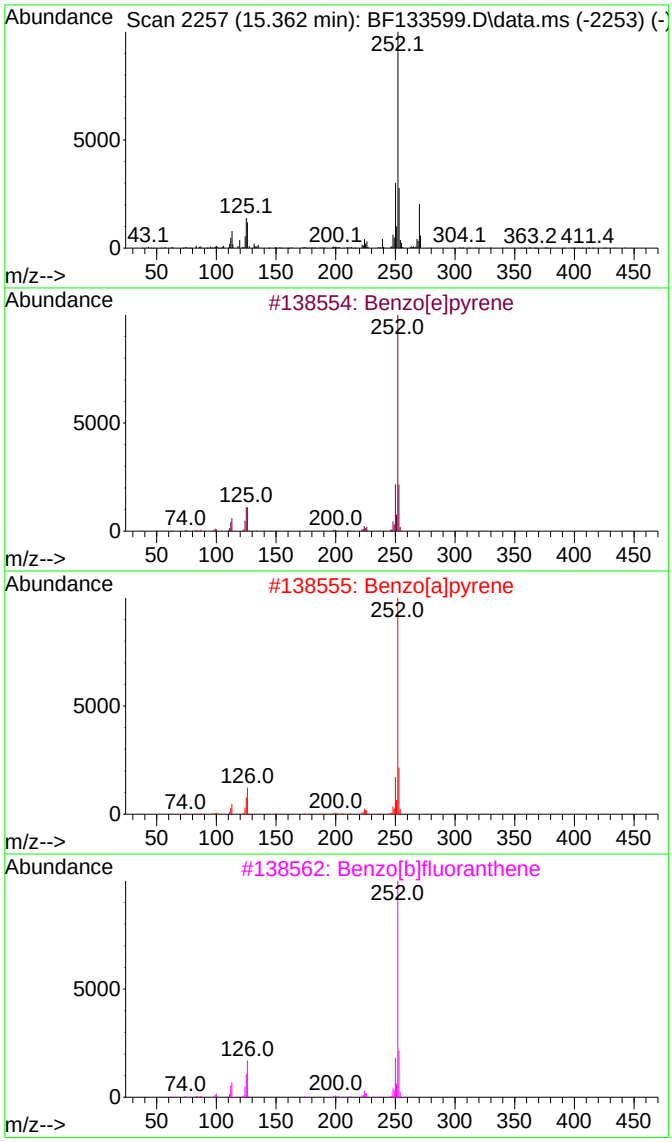
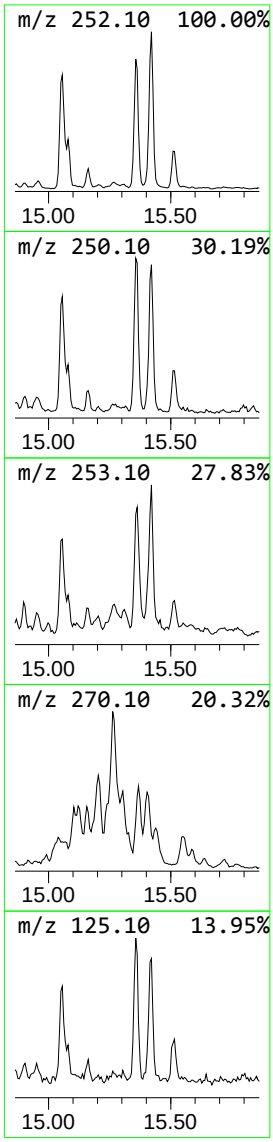
Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.362	35.62 ng	495209	Perylene-d12	15.480

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	98
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	83
5	Perylene	252	C20H12	000198-55-0	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
Data File : BF133599.D
Acq On : 06 Jun 2023 19:17
Operator : CG\JU
Sample : 03002-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB05B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.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
Benzophenone	10.586	7.9	ng	323179	3	9.875	816572	20.0
Phenanthrene, 2...	11.868	6.5	ng	247819	4	11.363	764647	20.0
Phenanthrene, 1...	11.892	10.2	ng	388876	4	11.363	764647	20.0
Anthracene, 2-m...	11.974	5.9	ng	224138	4	11.363	764647	20.0
Phenanthrene, 2...	12.416	6.3	ng	240676	4	11.363	764647	20.0
Pyrene, 1-methyl-	13.245	10.9	ng	651575	5	14.015	1192480	20.0
o-Terphenyl	13.651	6.4	ng	381933	5	14.015	1192480	20.0
Benzo[b]naphtho...	13.762	7.5	ng	449620	5	14.015	1192480	20.0
11-Methylbenzo[...	14.098	7.9	ng	471268	5	14.015	1192480	20.0
2-Methylbenzo[b...	14.174	10.9	ng	649564	5	14.015	1192480	20.0
Benz[a]anthrace...	14.404	23.6	ng	1407810	5	14.015	1192480	20.0
Triphenylene, 2...	14.439	10.4	ng	621969	5	14.015	1192480	20.0
2-Methylchrysene	14.527	5.8	ng	344640	5	14.015	1192480	20.0
7,12-Dimethylbe...	14.739	7.5	ng	444014	5	14.015	1192480	20.0
3,9-Dimethylben...	14.792	29.3	ng	406996	6	15.480	278086	20.0
5,12-Dimethylbe...	14.827	52.0	ng	722598	6	15.480	278086	20.0
Benz(a)anthrace...	14.868	15.1	ng	209824	6	15.480	278086	20.0
Benz(a)anthrace...	14.904	18.4	ng	256522	6	15.480	278086	20.0
Benzo[c]phenant...	14.957	20.0	ng	278679	6	15.480	278086	20.0
Benzo[e]pyrene	15.362	35.6	ng	495209	6	15.480	278086	20.0