LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129323.D
Acq On : 22 Jul 2022 19:15
Operator : CG\JU
Sample : N3814-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)

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-BF072022.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129323.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.122	480	482	492	rVB	28360	36406	1.67%	0.102%
2	5.510	543	548	551	rBV	1841231	1670143	76.65%	4.691%
3	6.516	714	719	722	rBV	1784466	1709703	78.47%	4.802%
4	6.893	779	783	786	rBV	859609	709076	32.54%	1.992%
5	7.451	873	878	881	rBV	1315417	1110132	50.95%	3.118%
6	7.887	946	952	962	rBV	53599	132169	6.07%	0.371%
7	8.175	997	1001	1003	rBV	1127477	905694	41.57%	2.544%
8	8.192	1003	1004	1008	rVB	102301	79767	3.66%	0.224%
9	8.886	1118	1122	1125	rVB	100515	77750	3.57%	0.218%
10	8.986	1134	1139	1142	rVB	108410	85122	3.91%	0.239%
11	9.245	1179	1183	1187	rBV	2057929	1777773	81.59%	4.993%
12	9.516	1223	1229	1232	rBV2	45297	59347	2.72%	0.167%
13	9.586	1237	1241	1243	rBV	91956	83779	3.85%	0.235%
14	9.610	1243	1245	1249	rVB	44356	37844	1.74%	0.106%
15	9.704	1258	1261	1267	rBV	46275	45894	2.11%	0.129%
16	9.792	1273	1276	1279	rVB2	89732	76943	3.53%	0.216%
17	9.933	1296	1300	1303	rVV	984350	861148	39.52%	2.419%
18	9.963	1303	1305	1308	rVB	127213	92421	4.24%	0.260%
19	10.133	1330	1334	1337	rVB2	83021	80073	3.68%	0.225%
20	10.481	1389	1393	1397	rVB	129715	127634	5.86%	0.358%
21	10.633	1417	1419	1423	rVB	40450	37187	1.71%	0.104%
22	10.716	1429	1433	1438	rBV	959490	874686	40.15%	2.457%
23	11.022	1479	1485	1488	rBV3	103424	120461	5.53%	0.338%
24	11.222	1516	1519	1522	rVV	71677	64048	2.94%	0.180%
25	11.275	1524	1528	1531	rVV4	32150	48598	2.23%	0.136%
26	11.316	1532	1535	1540	rVB	77264	72405	3.32%	0.203%
27	11.422	1549	1553	1555	rBV	847169	743445	34.12%	2.088%
28	11.445	1555	1557	1560	rVV	1393712	1023036	46.95%	2.873%
29	11.492	1560	1565	1568	rVV	297596	276949	12.71%	0.778%
30	11.522	1568	1570	1574	rVB2	50945	51666	2.37%	0.145%
31	11.651	1585	1592	1595	rBV	115904	129872	5.96%	0.365%
32	11.751	1606	1609	1614	rVB2	44860	42349	1.94%	0.119%
33	11.922	1632	1638	1640	rBV	191830	208582	9.57%	0.586%
34	11.951	1640	1643	1646	rVV	258488	270420	12.41%	0.760%
35	11.998	1646	1651	1654	rVV2	91768	91637	4.21%	0.257%
36	12.033	1654	1657	1660	rVV2	254983	303036	13.91%	0.851%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
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Acq On : 22 Jul 2022 19:15
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)

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-BF072022.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.057	1660	1661	1664	rVB	132644	70616	3.24%	0.198%
38	12.216	1685	1688	1690	rBV	107059	85868	3.94%	0.241%
39	12.239	1690	1692	1696	rVB2	64389	64386	2.96%	0.181%
40	12.469	1725	1731	1734	rBV	85614	107514	4.93%	0.302%
41	12.510	1734	1738	1740	rVV3	51694	66669	3.06%	0.187%
42	12.557	1743	1746	1751	rBV	80693	89500	4.11%	0.251%
43	12.639	1756	1760	1763	rBV	1587181	1342386	61.61%	3.770%
44	12.727	1772	1775	1778	rBV2	58263	58040	2.66%	0.163%
45	12.786	1783	1785	1788	rVB	46868	41183	1.89%	0.116%
46	12.869	1792	1799	1804	rBV	1443101	1438336	66.01%	4.040%
47	12.910	1804	1806	1811	rVB2	66012	76333	3.50%	0.214%
48	12.980	1815	1818	1819	rBV	139062	121506	5.58%	0.341%
49	13.004	1819	1822	1825	rVB	1291649	995345	45.68%	2.796%
50	13.057	1828	1831	1832	rBV	114735	91854	4.22%	0.258%
51	13.080	1832	1835	1842	rVB3	244192	283123	12.99%	0.795%
52	13.163	1846	1849	1851	rBV	274774	267819	12.29%	0.752%
53	13.192	1851	1854	1857	rVB	606999	526078	24.15%	1.478%
54	13.269	1863	1867	1869	rBV2	402734	448647	20.59%	1.260%
55	13.292	1869	1871	1874	rVB2	604678	528546	24.26%	1.485%
56	13.404	1884	1890	1892	rBV2	393043	514661	23.62%	1.446%
57	13.480	1898	1903	1905	rBV	332404	318699	14.63%	0.895%
58	13.504	1905	1907	1909	rVB	131949	98605	4.53%	0.277%
59	13.533	1909	1912	1915	rVB	146520	148094	6.80%	0.416%
60	13.574	1915	1919	1921	rBV2	125754	176002	8.08%	0.494%
61	13.639	1927	1930	1934	rBV	81724	105718	4.85%	0.297%
62	13.698	1934	1940	1943	rVV2	179719	357457	16.41%	1.004%
63	13.727	1943	1945	1947	rVV	185053	145644	6.68%	0.409%
64	13.757	1947	1950	1952	rVV	317069	354417	16.27%	0.995%
65	13.792	1952	1956	1958	rVV2	277717	462815	21.24%	1.300%
66	13.821	1958	1961	1963	rVV2	410065	470671	21.60%	1.322%
67	13.863	1966	1968	1970	rVV	215042	216873	9.95%	0.609%
68	13.886	1970	1972	1974	rVV2	202520	205410	9.43%	0.577%
69	13.910	1974	1976	1981	rVV2	315896	356628	16.37%	1.002%
70	13.957	1981	1984	1987	rVV	141280	160485	7.37%	0.451%
71	13.986	1987	1989	1994	rVV2	86410	106382	4.88%	0.299%
72	14.033	1994	1997	1998	rVV	259476	222398	10.21%	0.625%
73	14.063	1998	2002	2005	rVV3	1473050	2178808	100.00%	6.120%
74	14.092	2005	2007	2013	rVB	1002540	866313	39.76%	2.433%
75	14.174	2018	2021	2024	rVV	105934	91815	4.21%	0.258%
76	14.210	2025	2027	2031	rVV4	44981	72849	3.34%	0.205%

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Misc :
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Instrument :
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ClientSampleId :
ENV-DE-4(0-5)

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-BF072022.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.263	2033	2036	2039	rVV2	470007	474956	21.80%	1.334%
78	14.292	2039	2041	2044	rVV2	157407	135765	6.23%	0.381%
79	14.421	2060	2063	2065	rBV2	197271	191266	8.78%	0.537%
80	14.451	2065	2068	2071	rVB	203680	172232	7.90%	0.484%
81	14.486	2071	2074	2077	rVB	112454	101788	4.67%	0.286%
82	14.521	2078	2080	2081	rBV2	41922	35733	1.64%	0.100%
83	14.580	2087	2090	2092	rBV2	97342	117813	5.41%	0.331%
84	14.598	2092	2093	2097	rVB2	100977	80353	3.69%	0.226%
85	14.763	2118	2121	2124	rBV3	52266	64223	2.95%	0.180%
86	14.957	2148	2154	2161	rVB2	62391	138418	6.35%	0.389%
87	15.021	2162	2165	2169	rBV5	36030	43552	2.00%	0.122%
88	15.121	2177	2182	2185	rBV	815288	1311795	60.21%	3.684%
89	15.227	2197	2200	2203	rVB	140799	145502	6.68%	0.409%
90	15.321	2213	2216	2223	rBV6	42248	102604	4.71%	0.288%
91	15.427	2230	2234	2240	rVB	461252	648418	29.76%	1.821%
92	15.492	2241	2245	2251	rVB	691048	822982	37.77%	2.311%
93	15.557	2251	2256	2260	rBV2	687713	947673	43.50%	2.662%
94	15.592	2260	2262	2269	rVB	220522	253805	11.65%	0.713%
95	17.062	2506	2512	2520	rVB2	257404	507259	23.28%	1.425%
96	17.245	2541	2543	2548	rVB2	53490	67254	3.09%	0.189%
97	17.521	2584	2590	2600	rVB	189570	384423	17.64%	1.080%
98	17.762	2626	2631	2639	rVB2	44265	90816	4.17%	0.255%
99	18.127	2687	2693	2703	rVB2	108379	270561	12.42%	0.760%
100	18.892	2819	2823	2824	rBV3	27650	43032	1.98%	0.121%

Sum of corrected areas: 35603911

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
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Misc :
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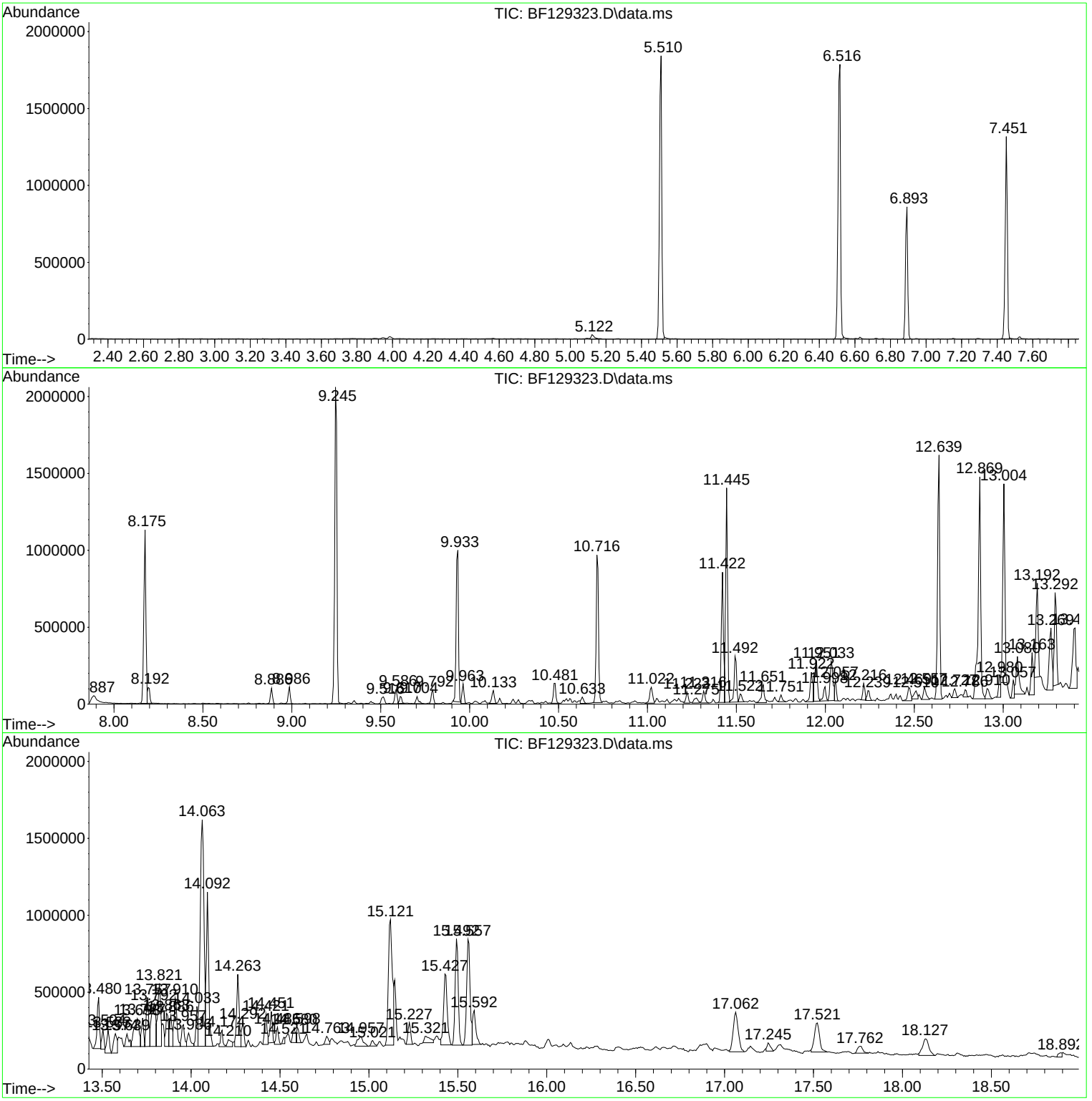
Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.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\BF072222\
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Misc :
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Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

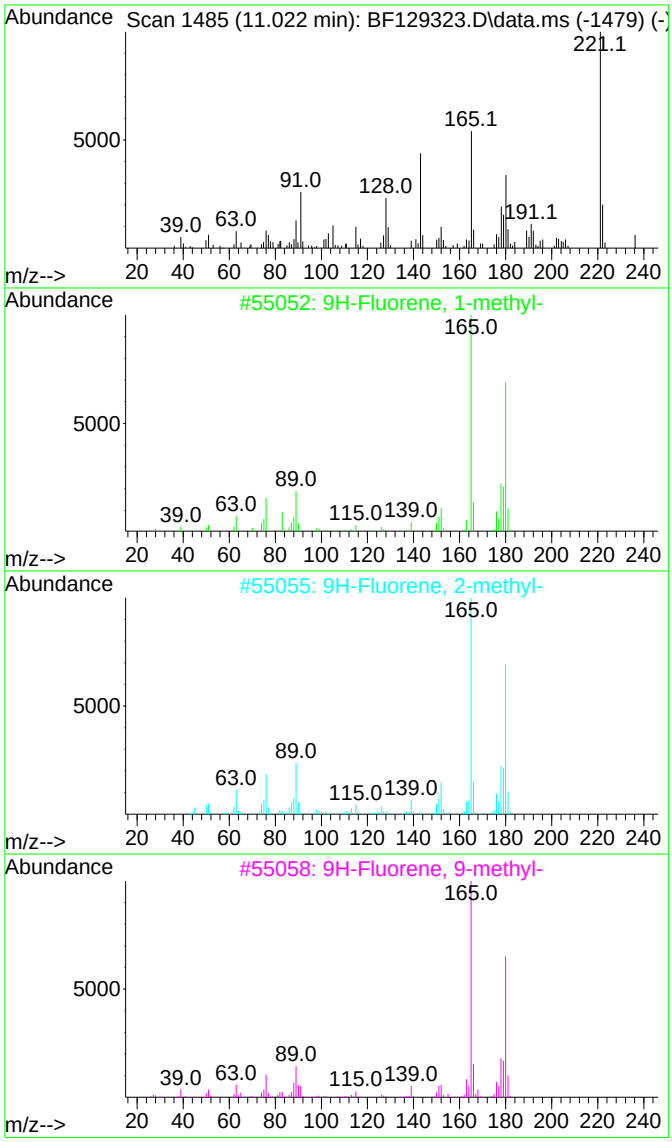
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

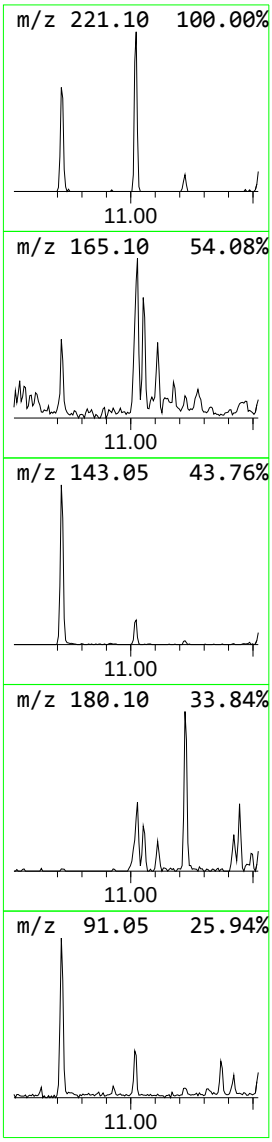
****

Peak Number 1 9H-Fluorene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.022	3.24 ng	120461	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	59
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	53
4	1H-Indole, 1-ethyl-2-phenyl-	221	C16H15N	013228-39-2	53
5	Cyclohexyl-(octahydrobenzofuran-...	221	C14H23NO	1000190-83-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129323.D
Acq On : 22 Jul 2022 19:15
Operator : CG\JU
Sample : N3814-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

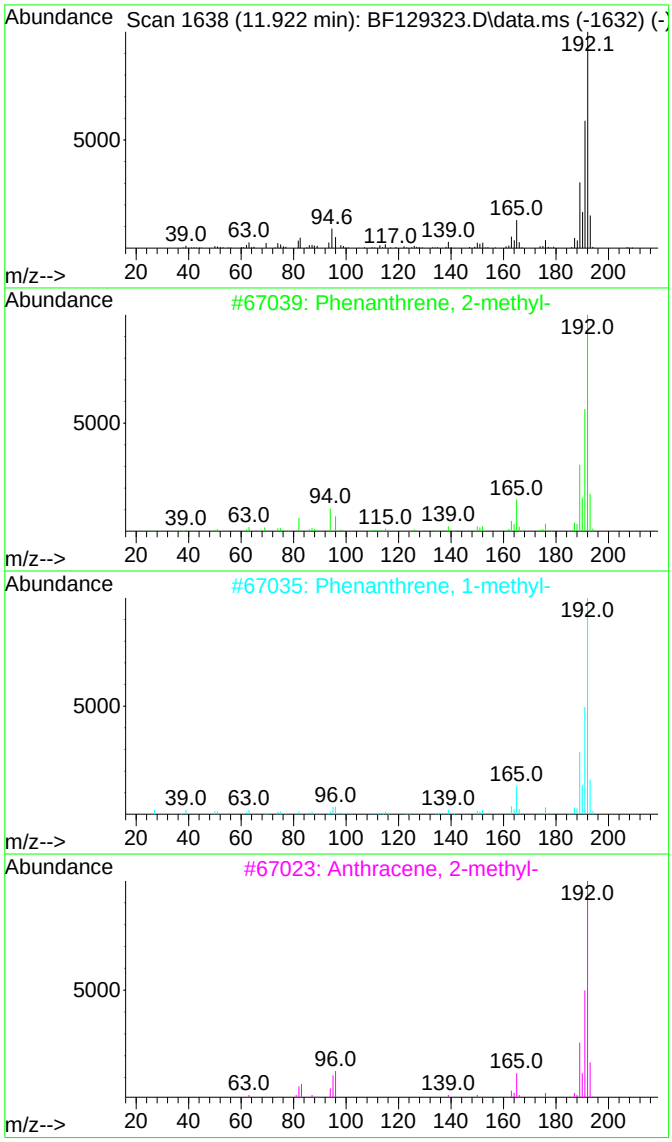
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

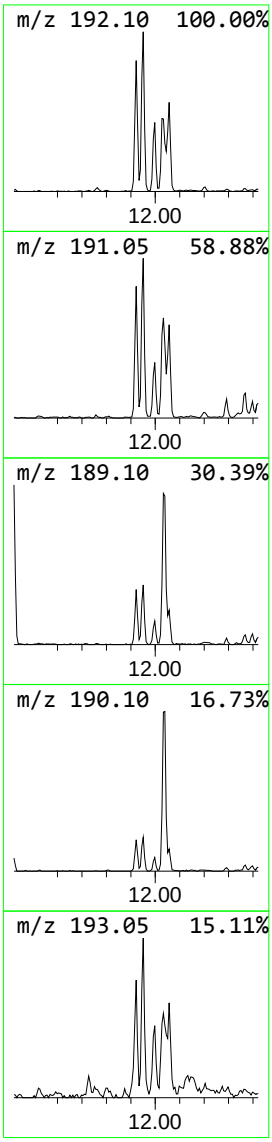
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	5.61 ng	208582	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129323.D
Acq On : 22 Jul 2022 19:15
Operator : CG\JU
Sample : N3814-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.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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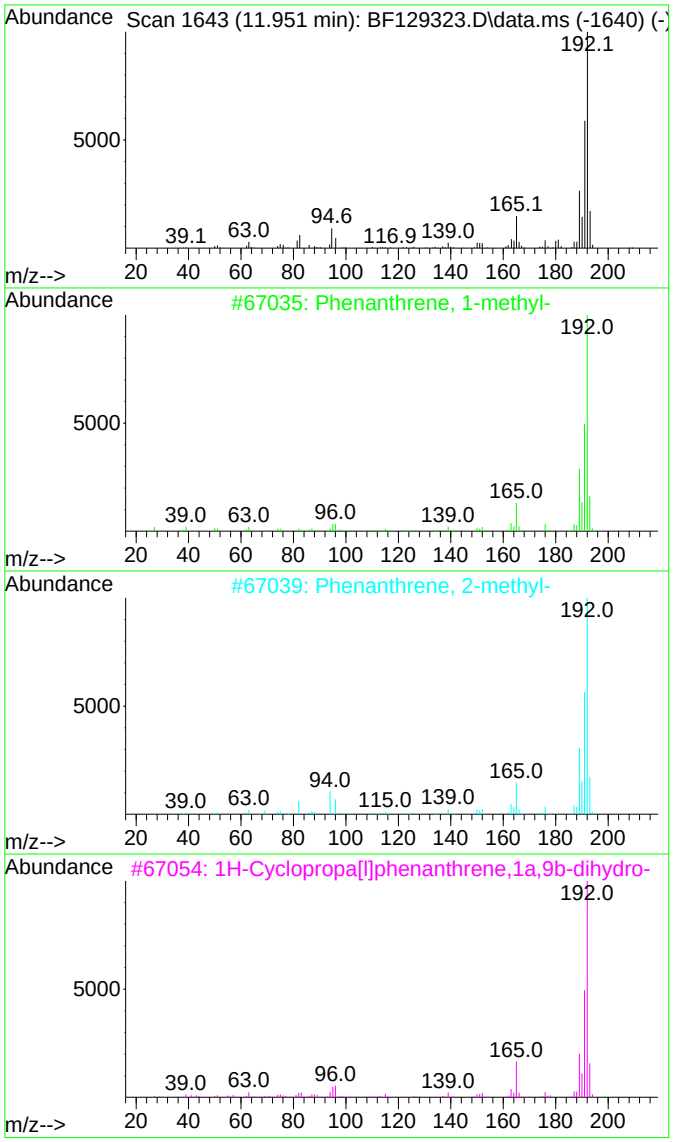
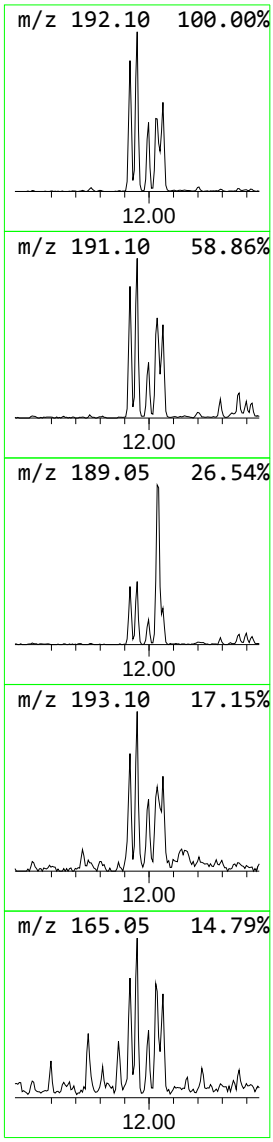
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	7.27 ng	270420	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
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Acq On : 22 Jul 2022 19:15
Operator : CG\JU
Sample : N3814-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)

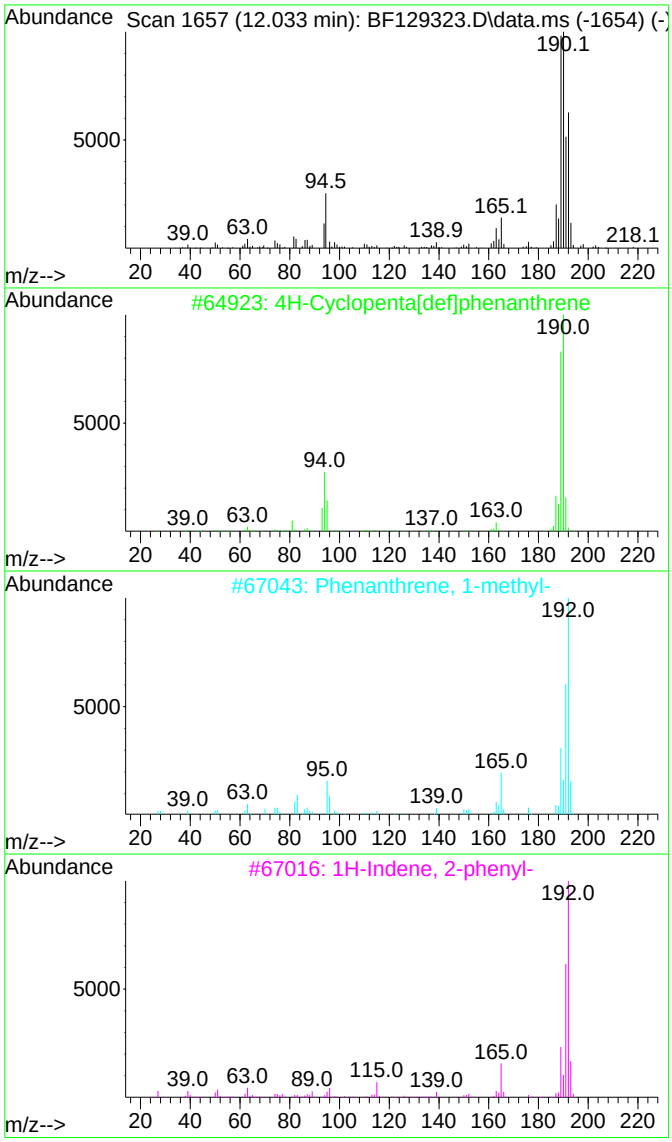
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

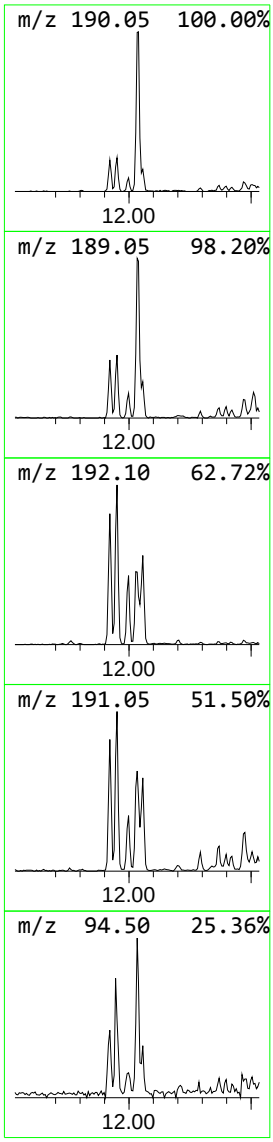
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	8.15 ng	303036	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129323.D
Acq On : 22 Jul 2022 19:15
Operator : CG\JU
Sample : N3814-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

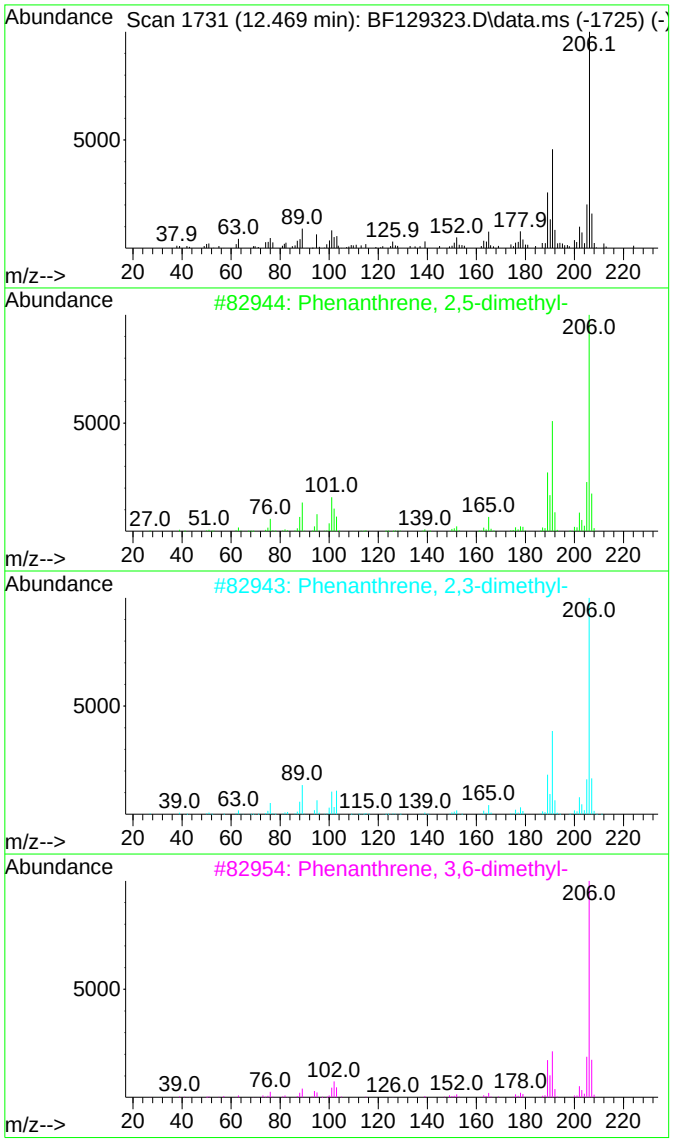
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

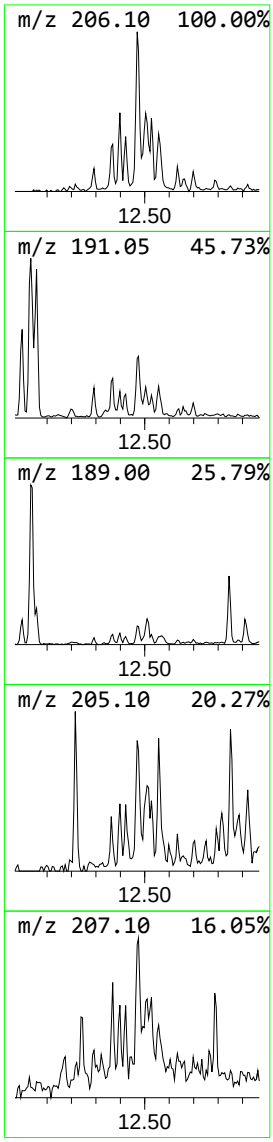
****

Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	2.89 ng	107514	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Acq On : 22 Jul 2022 19:15
Operator : CG\JU
Sample : N3814-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

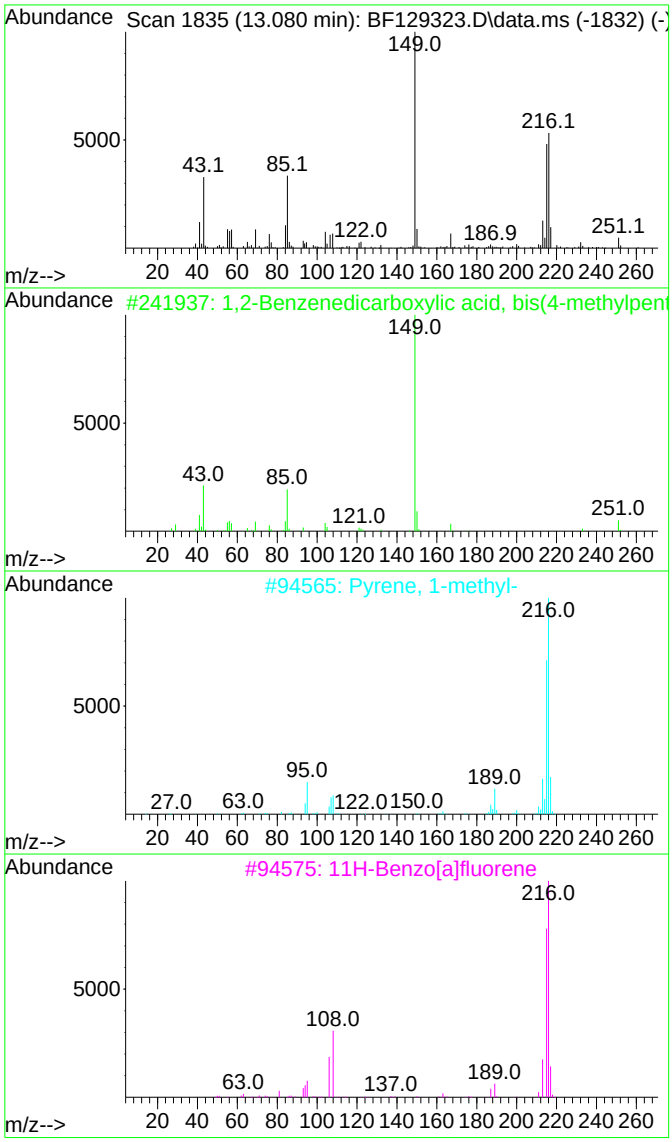
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

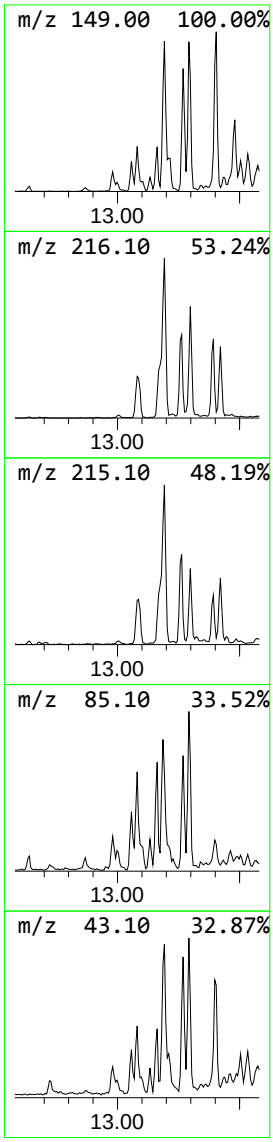
****

Peak Number 6 unknown13.080 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.080	2.60 ng	283123	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	43
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	41
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	38
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	38
5	Phthalic acid, hexyl 4-methylpen...	334	C20H30O4	1000356-87-6	35





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Sample : N3814-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)

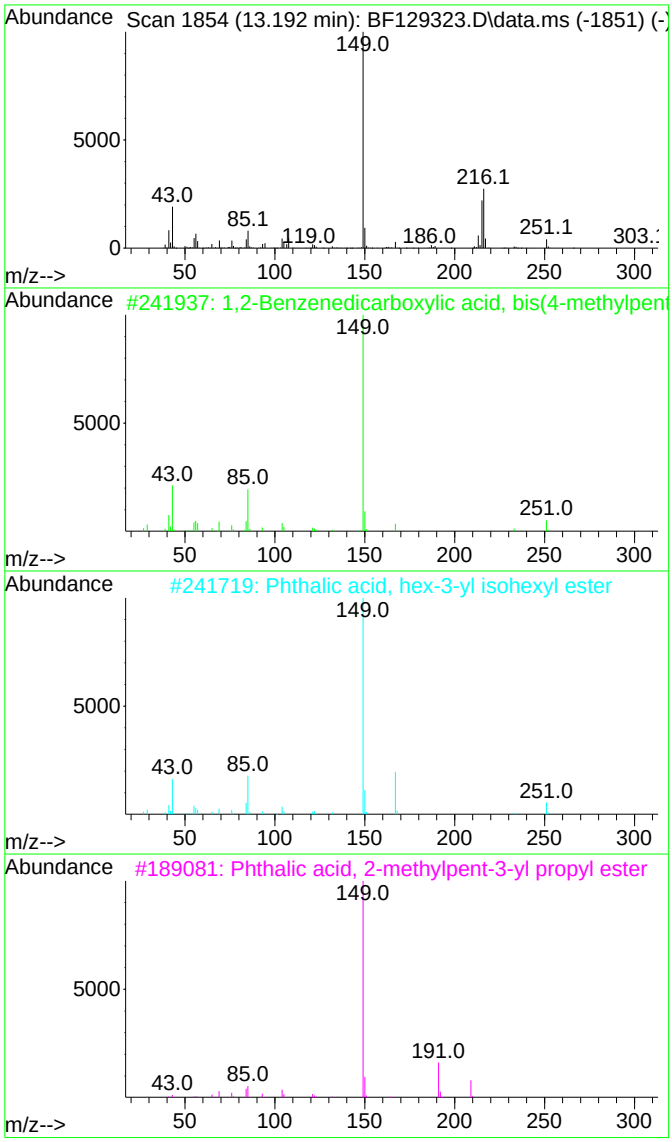
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

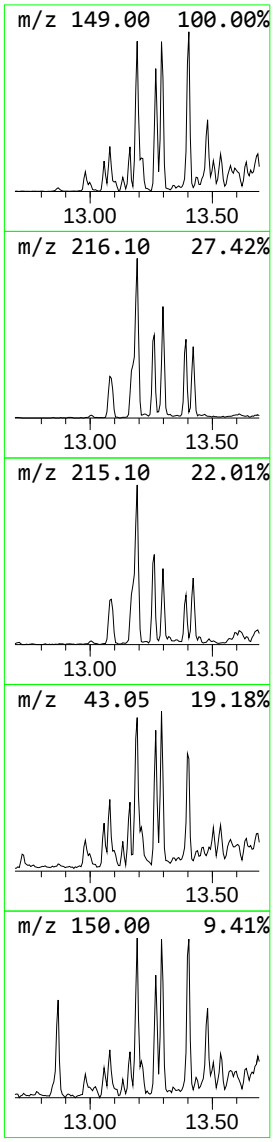
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,2-Benzenedicarboxylic aci... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	4.83 ng	526078	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	53
2	Phthalic acid, hex-3-yl isohexyl...	334	C20H30O4	1000356-95-6	49
3	Phthalic acid, 2-methylpent-3-yl...	292	C17H24O4	1000356-90-6	49
4	Phthalic acid, isohexyl pentyl e...	320	C19H28O4	1000308-95-8	49
5	Phthalic acid, dodecyl ethyl ester	362	C22H34O4	1000308-93-4	49





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ENV-DE-4(0-5)

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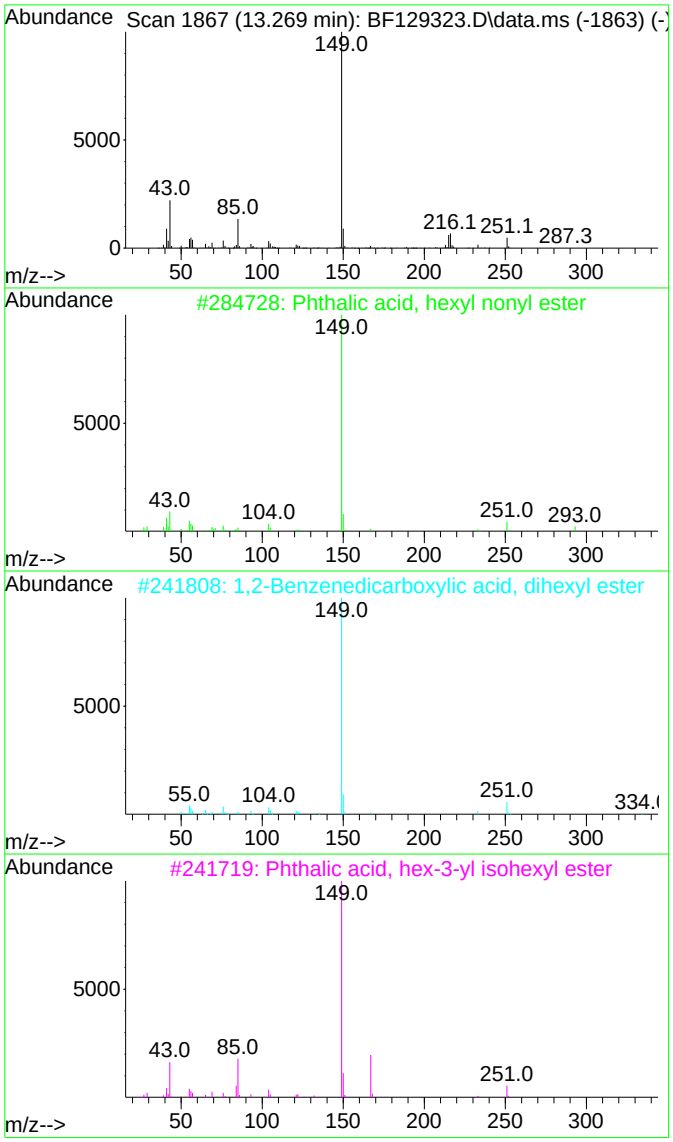
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

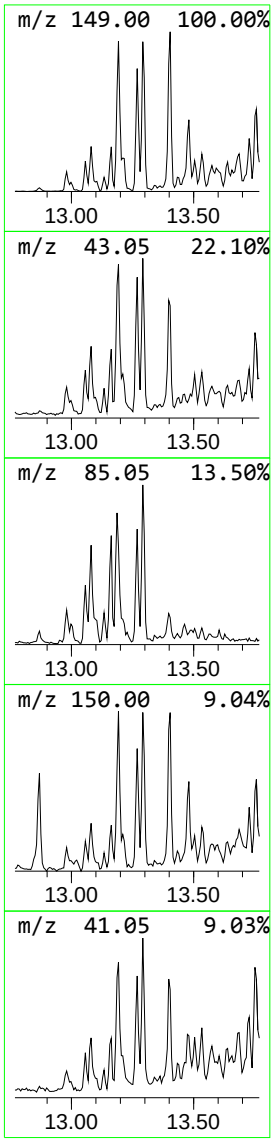
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phthalic acid, hexyl nonyl ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.269	4.12 ng	448647	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, hexyl nonyl ester	376	C23H36O4	1000309-01-1	80
2	1,2-Benzenedicarboxylic acid, di...	334	C20H30O4	000084-75-3	80
3	Phthalic acid, hex-3-yl isohexyl...	334	C20H30O4	1000356-95-6	80
4	Di-sec-butyl phthalate	278	C16H22O4	1000373-65-4	64
5	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	64





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Sample : N3814-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)

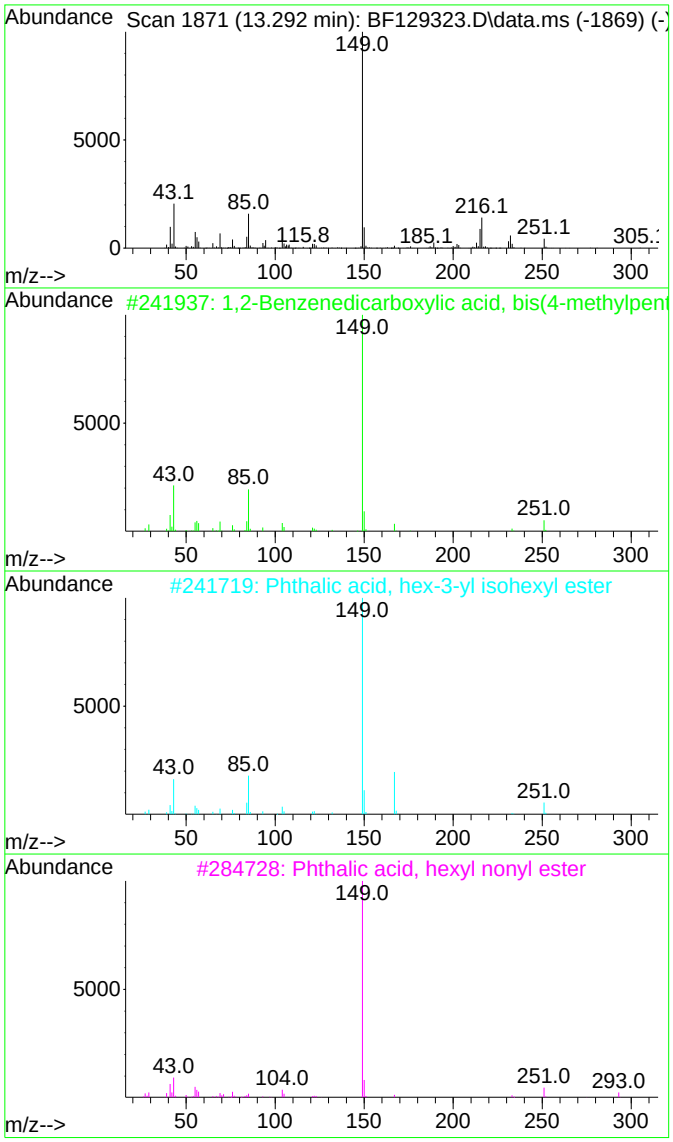
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

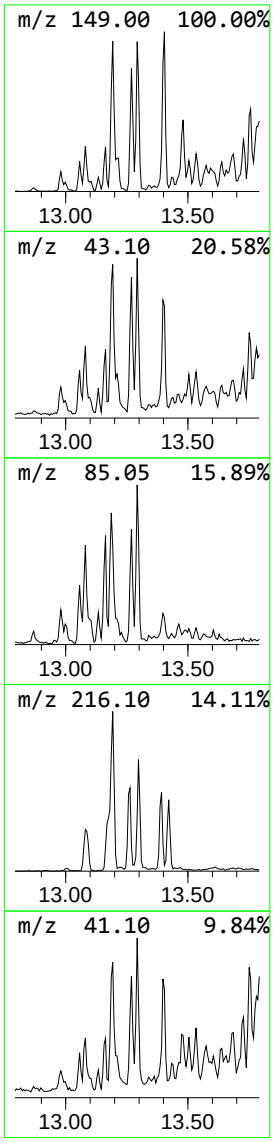
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phthalic acid, hex-3-yl iso... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	4.85 ng	528546	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	81
2	Phthalic acid, hex-3-yl isohexyl...	334	C20H30O4	1000356-95-6	72
3	Phthalic acid, hexyl nonyl ester	376	C23H36O4	1000309-01-1	64
4	1,2-Benzenedicarboxylic acid, di...	334	C20H30O4	000084-75-3	64
5	Phthalic acid, 7-bromoheptyl hex...	426	C21H31BrO4	1010415-52-0	64





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Sample : N3814-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ENV-DE-4(0-5)

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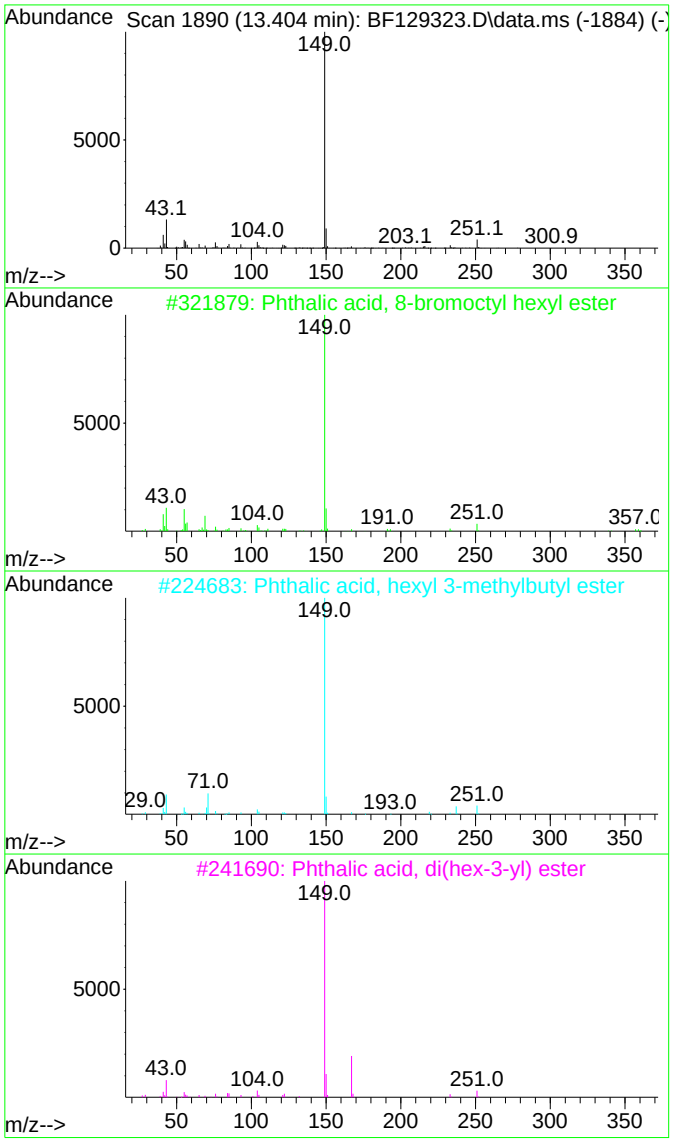
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

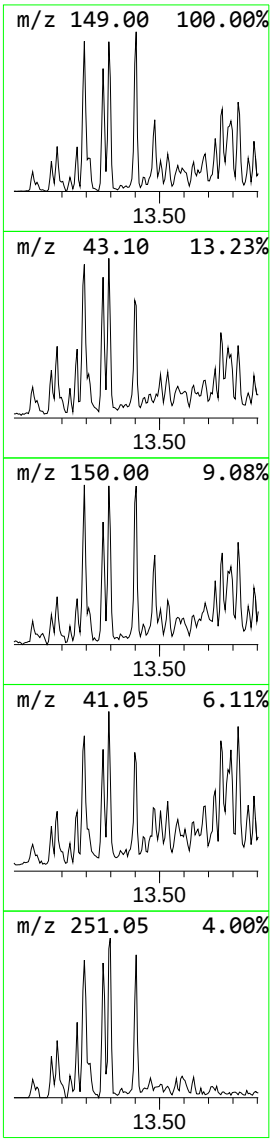
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phthalic acid, 8-bromoctyl ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.404	4.72 ng	514661	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 8-bromoctyl hexyl...	440	C22H33BrO4	1000382-55-6	90
2	Phthalic acid, hexyl 3-methylbut...	320	C19H28O4	1000356-80-7	86
3	Phthalic acid, di(hex-3-yl) ester	334	C20H30O4	1000356-96-7	86
4	Phthalic acid, hexyl heptyl ester	348	C21H32O4	1000308-93-8	86
5	Phthalic acid, 3-methylbutyl pen...	306	C18H26O4	1000356-80-5	80





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Instrument :
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ClientSampleId :
ENV-DE-4(0-5)

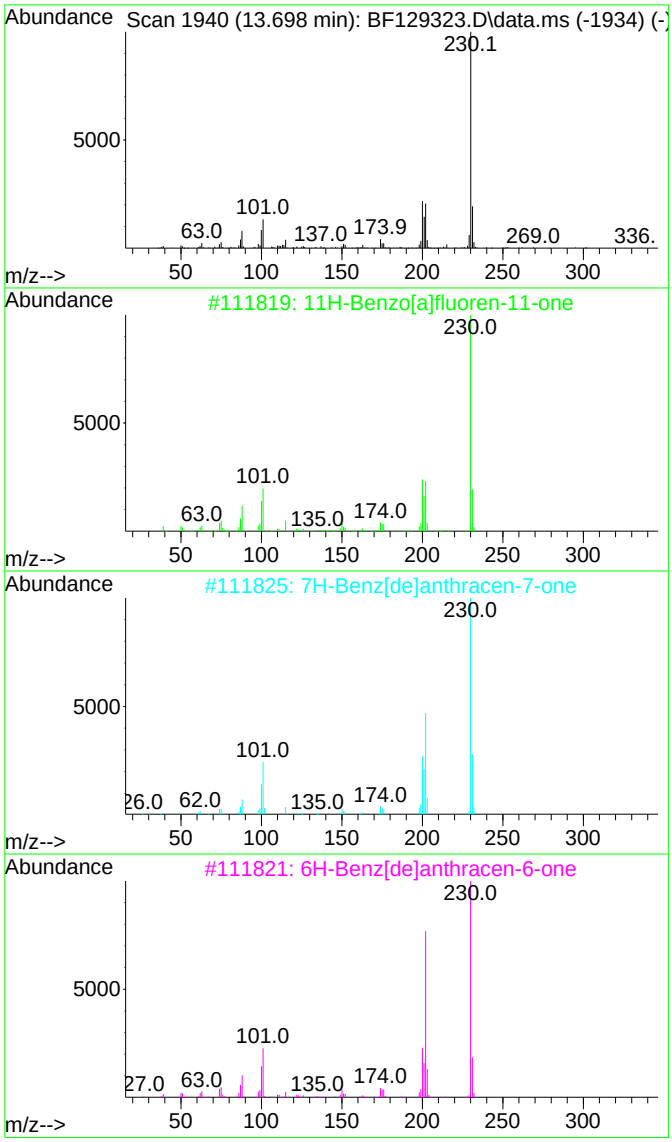
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

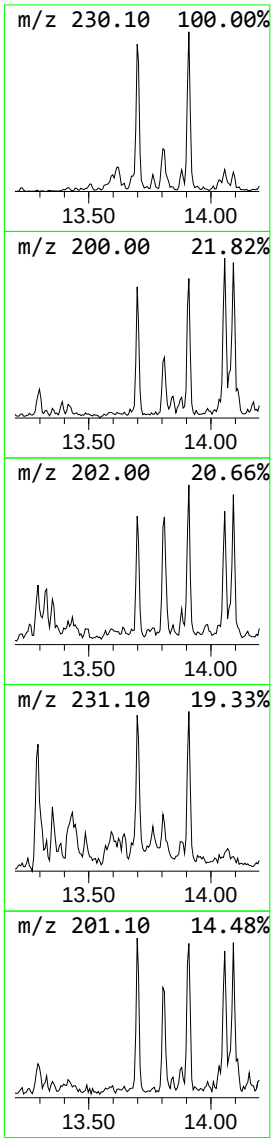
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.698	3.28 ng	357457	Chrysene-d12	14.069

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	83
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	80
5	o-Terphenyl	230	C18H14	000084-15-1	64





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Sample : N3814-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)

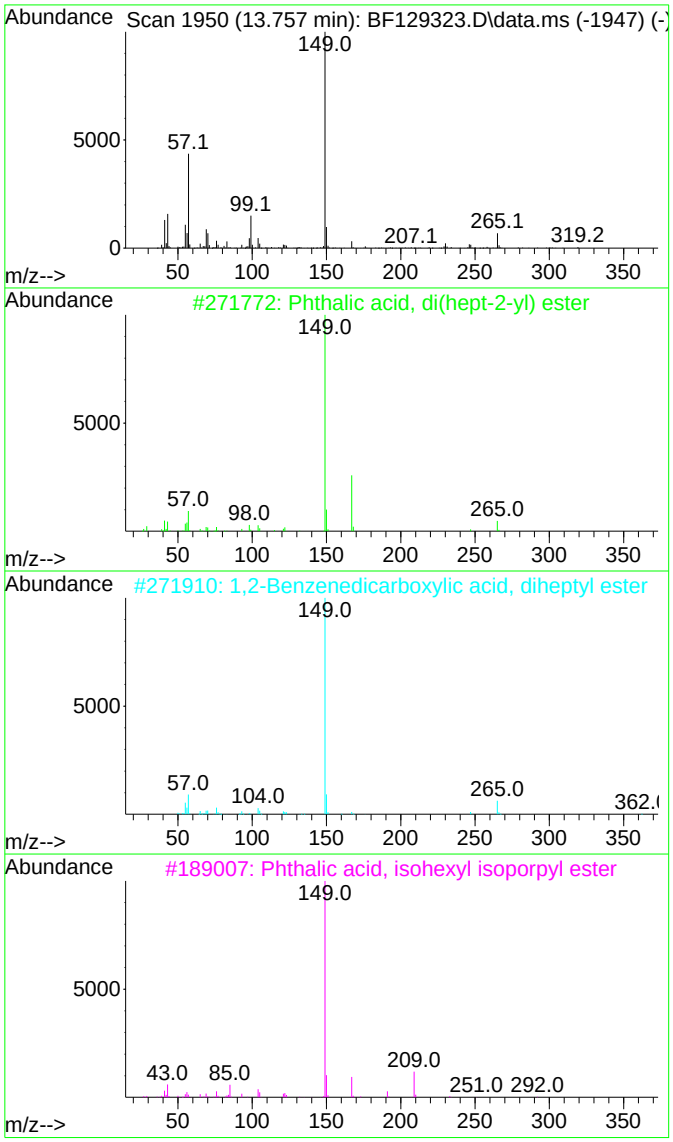
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

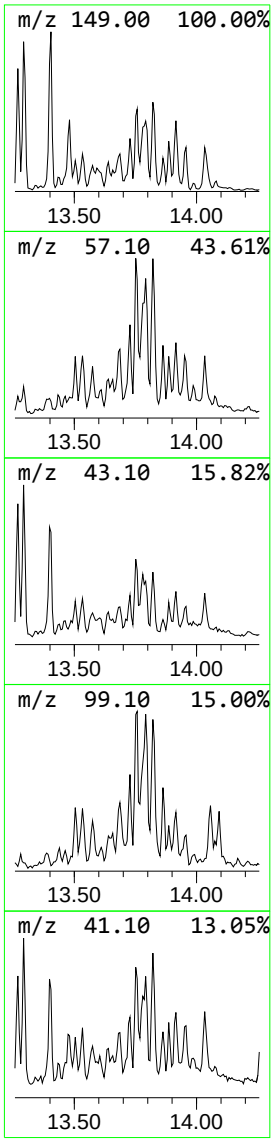
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phthalic acid, di(hept-2-yl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	3.25 ng	354417	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, di(hept-2-yl) ester	362	C22H34O4	1000356-98-3	80
2	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	72
3	Phthalic acid, isohexyl isoporpy...	292	C17H24O4	1000315-00-4	68
4	Phthalic acid, 2,2-dichloroethyl...	388	C19H26Cl2O4	1000356-93-0	64
5	Phthalic acid, hept-2-yl isobuty...	320	C19H28O4	1000356-97-0	64





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

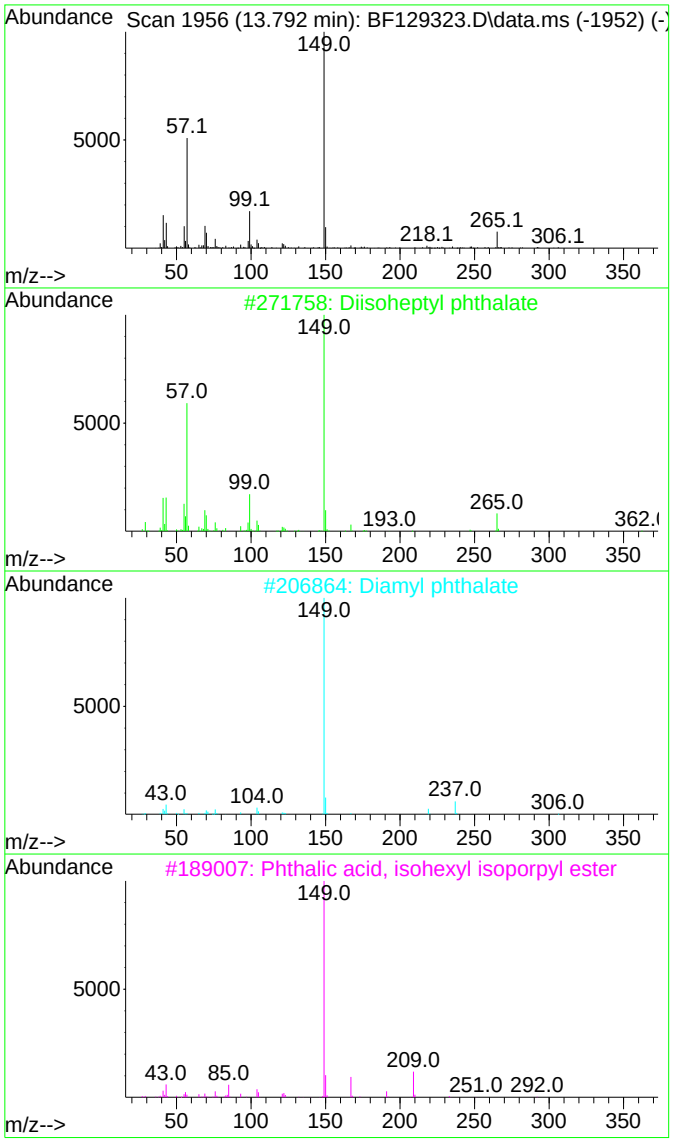
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

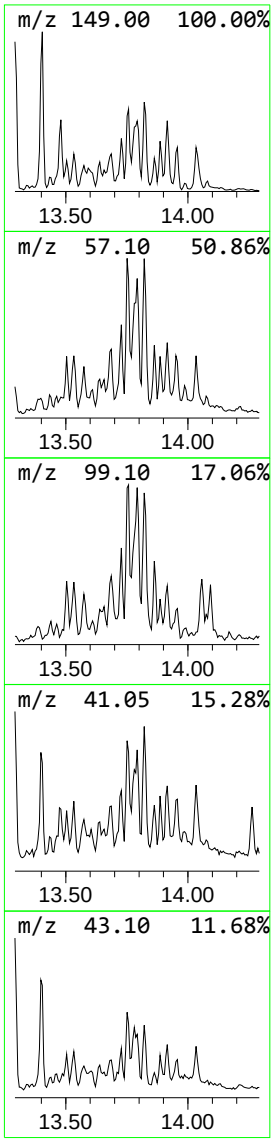
****

Peak Number 13 Diisoheptyl phthalate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.792	4.25 ng	462815	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisoheptyl phthalate	362	C22H34O4	090937-19-2	91
2	Diamyl phthalate	306	C18H26O4	000131-18-0	70
3	Phthalic acid, isohexyl isoporpy...	292	C17H24O4	1000315-00-4	68
4	Phthalic acid, hexyl 4-methylpen...	334	C20H30O4	1000356-87-6	64
5	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	64





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Sample : N3814-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)

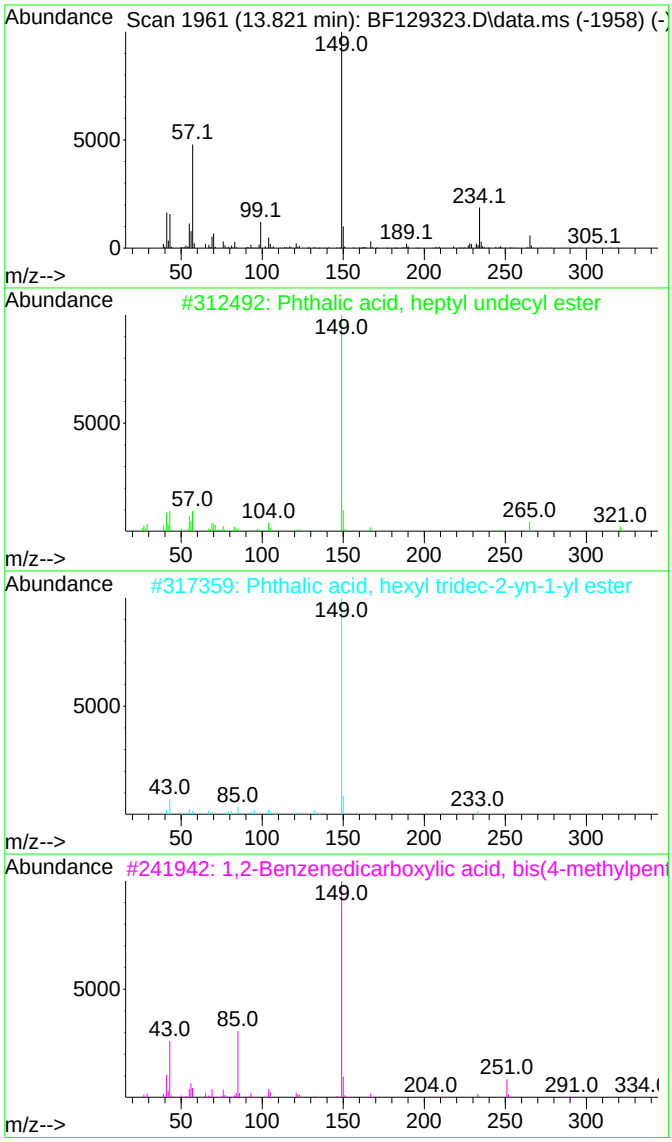
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

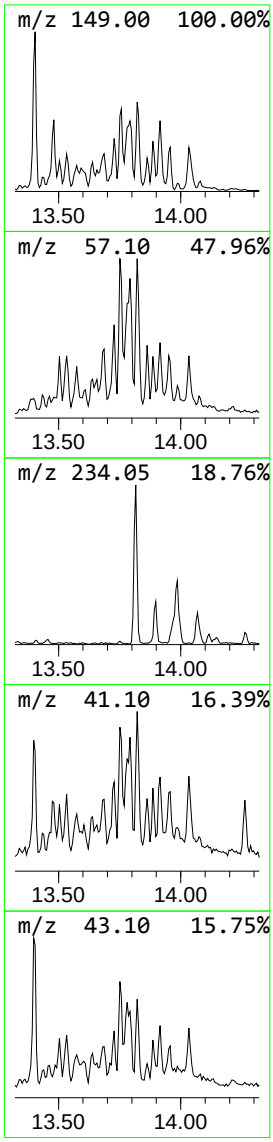
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phthalic acid, heptyl undec... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.822	4.32 ng	470671	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, heptyl undecyl ester	418	C26H42O4	1010308-94-0	64
2	Phthalic acid, hexyl tridec-2-yn...	428	C27H40O4	1000315-43-9	59
3	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	59
4	Phthalic acid, heptyl trans-hex-...	346	C21H30O4	1000360-48-5	59
5	1,4-Dibutyl benzene-1,4-dicarbox...	278	C16H22O4	001962-75-0	58





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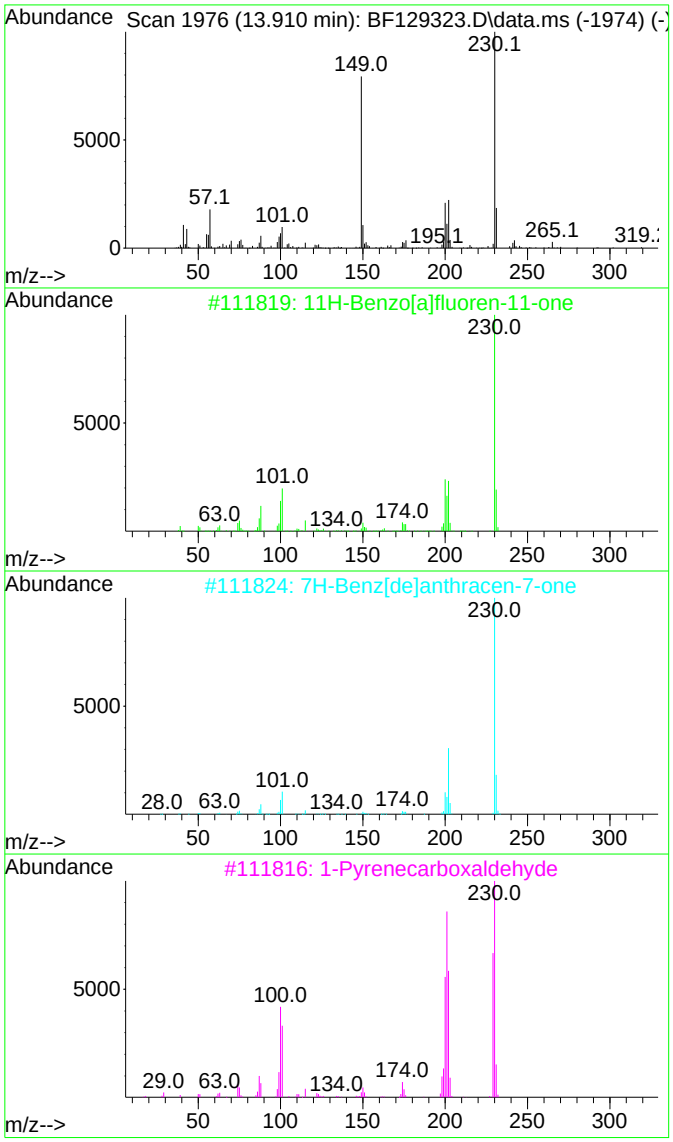
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

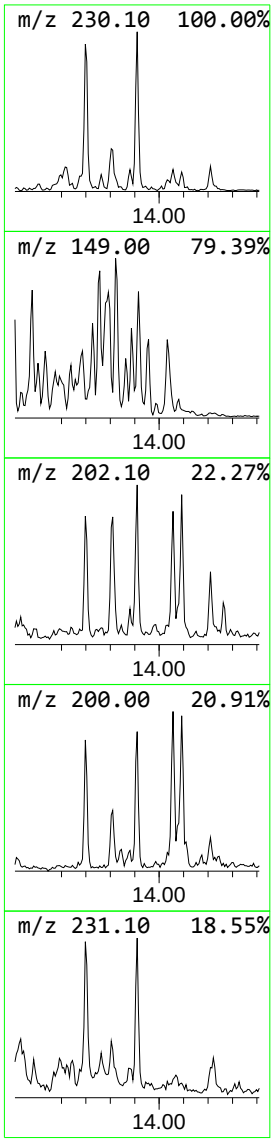
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 7H-Benz[de]anthracen-7-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	3.27 ng	356628	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	55
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	43
4	o-Terphenyl	230	C18H14	000084-15-1	38
5	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	38





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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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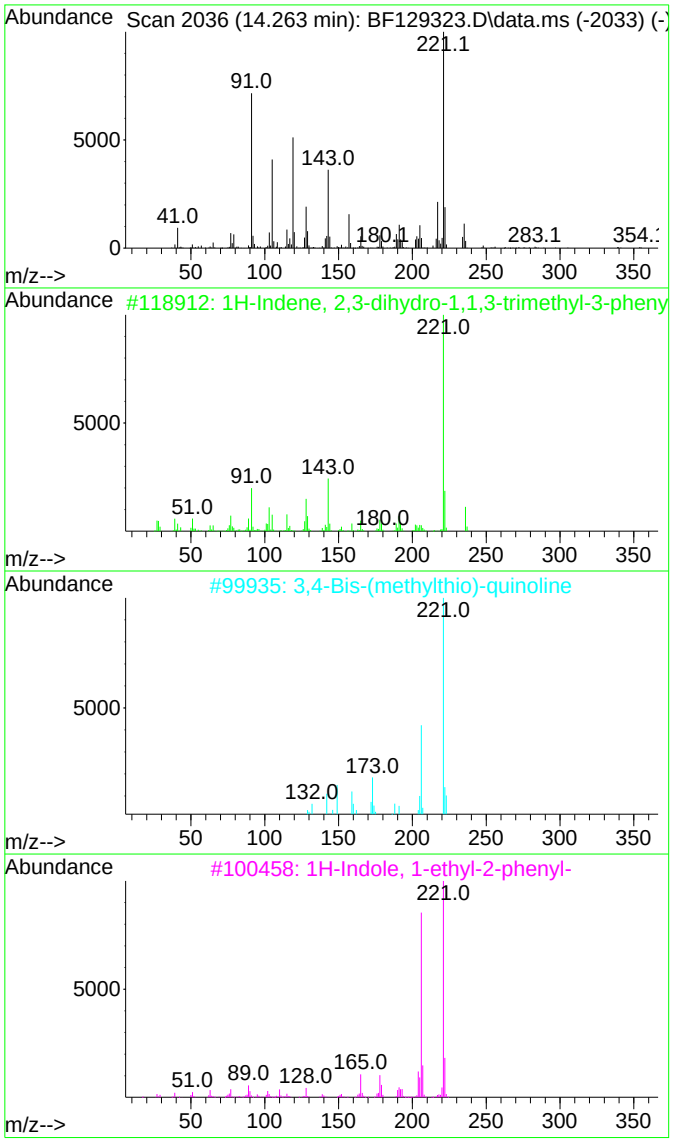
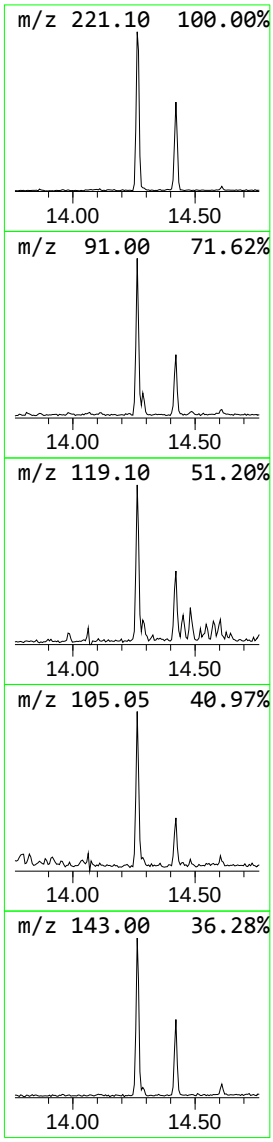
Peak Number 16 unknown14.263 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.263	4.36 ng	474956	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	49
2	3,4-Bis-(methylthio)-quinoline	221	C11H11NS2	074579-34-3	43
3	1H-Indole, 1-ethyl-2-phenyl-	221	C16H15N	013228-39-2	38
4	Indole, 5-(4-methylphenyl)-N-met...	221	C16H15N	1000380-54-7	38
5	Acryloylaminomethyl (3,5-di-tert...	319	C19H29NO3	1000425-91-6	32





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Data File : BF129323.D
Acq On : 22 Jul 2022 19:15
Operator : CG\JU
Sample : N3814-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)

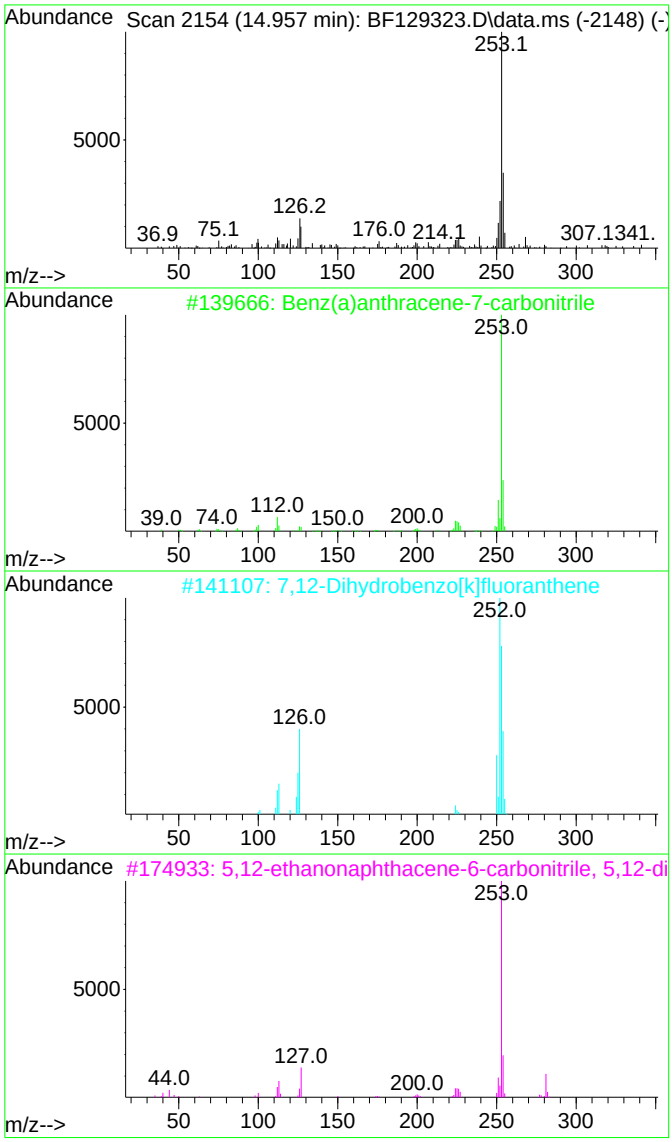
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

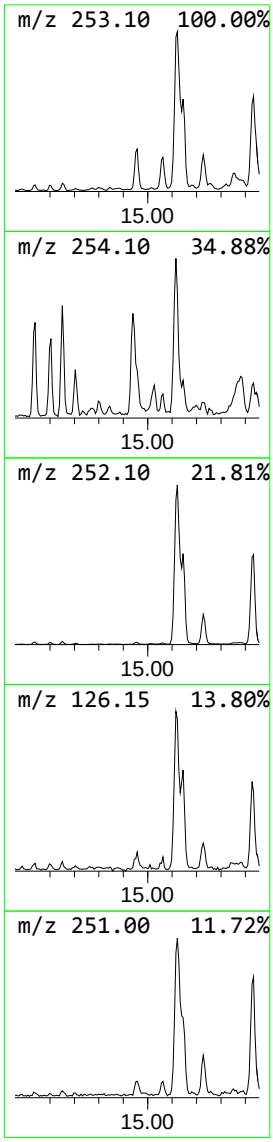
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benz(a)anthracene-7-carboni... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.957	2.92 ng	138418	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	58
2	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	50
3	5,12-ethanonaphthacene-6-carboni...	281	C21H15N	1000397-19-0	45
4	8-Chloro-5-methyl-2-phenylquinoline	253	C16H12ClN	025413-16-5	42
5	3-(2-Chlorophenyl)-2-thioxo-2,3-...	288	C14H9ClN2OS	065141-60-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129323.D
Acq On : 22 Jul 2022 19:15
Operator : CG\JU
Sample : N3814-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.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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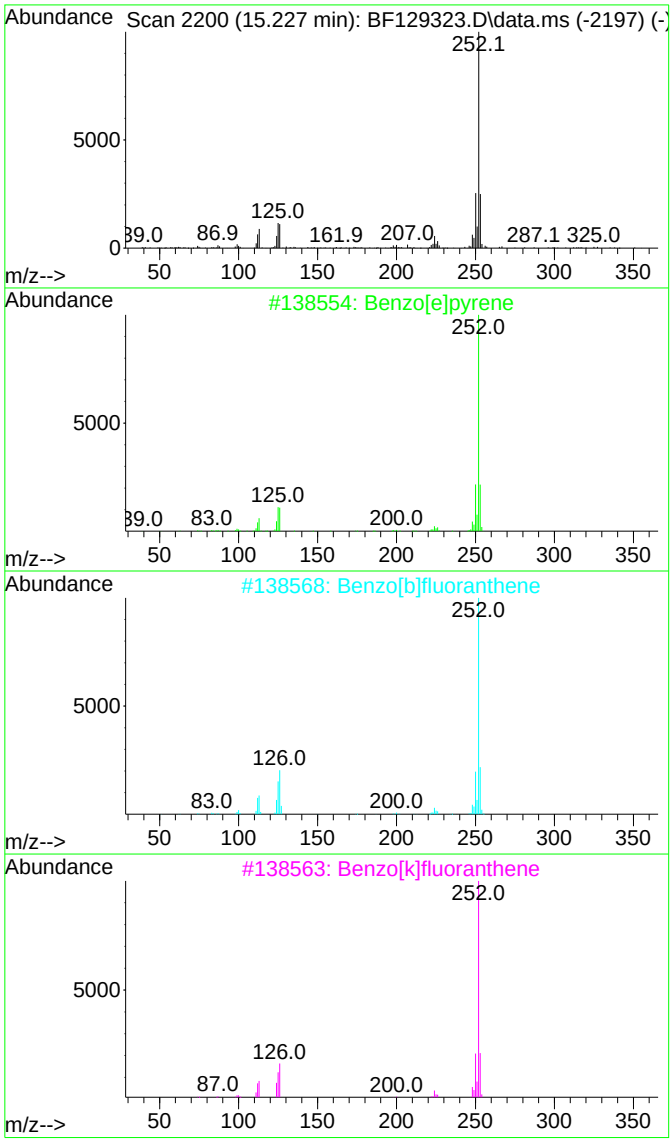
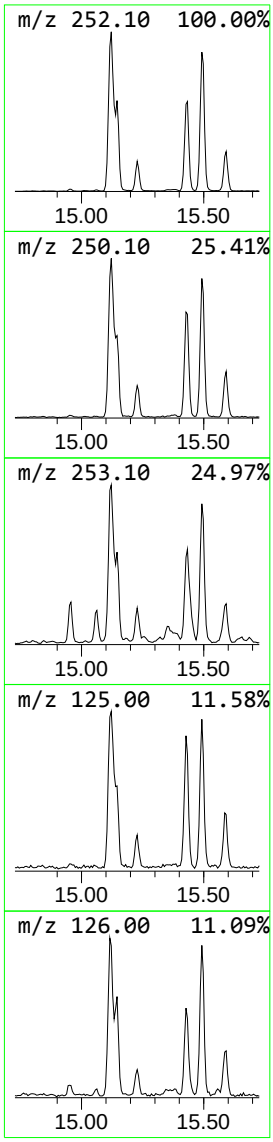
Peak Number 18 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.227	3.07 ng	145502	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





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Data File : BF129323.D
Acq On : 22 Jul 2022 19:15
Operator : CG\JU
Sample : N3814-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.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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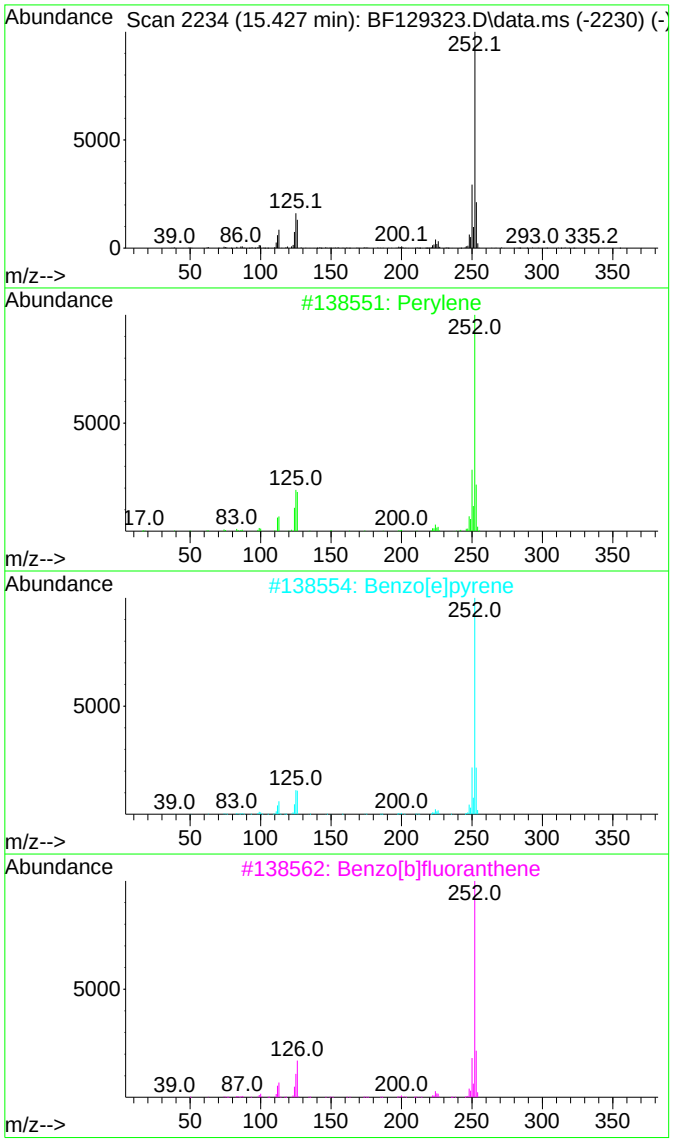
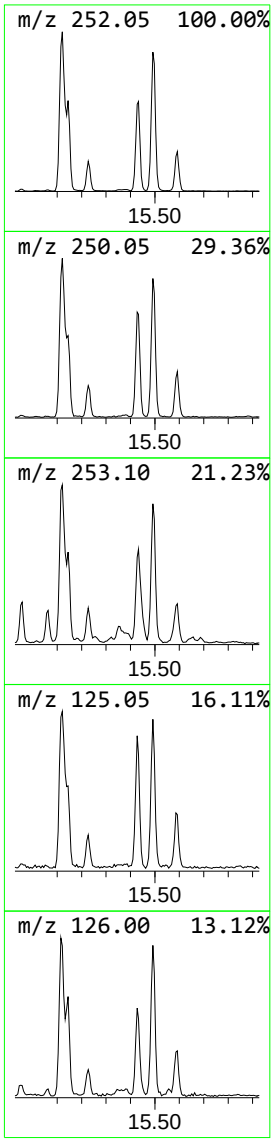
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	13.68 ng	648418	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	99
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
5	Benzo[a]pyrene	252	C20H12	000050-32-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129323.D
Acq On : 22 Jul 2022 19:15
Operator : CG\JU
Sample : N3814-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.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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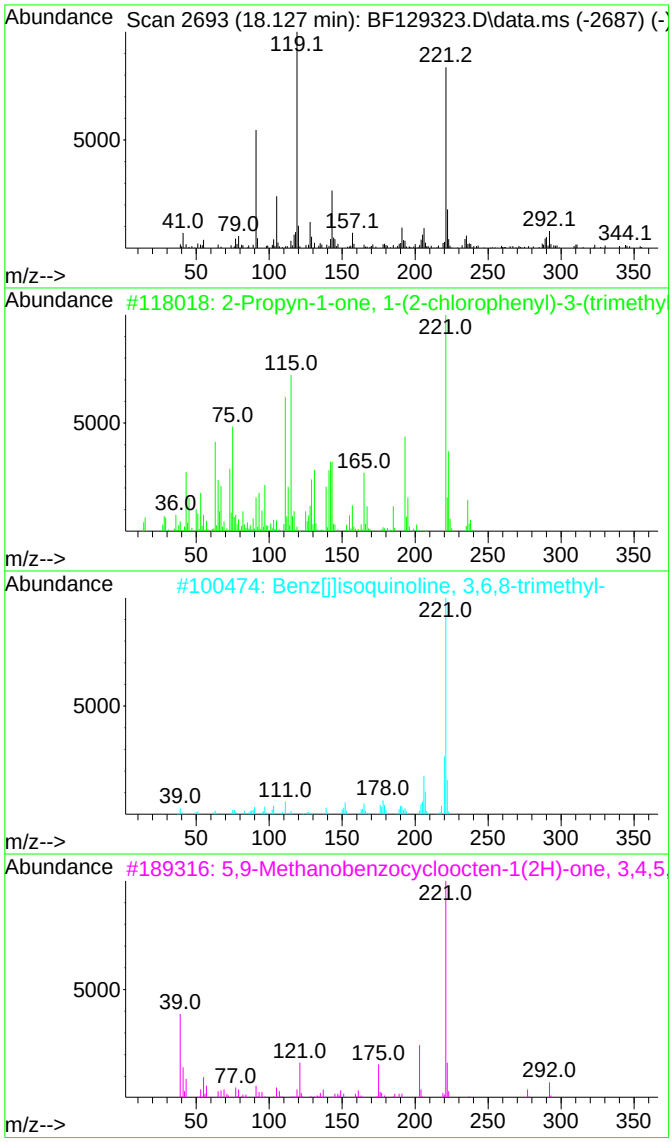
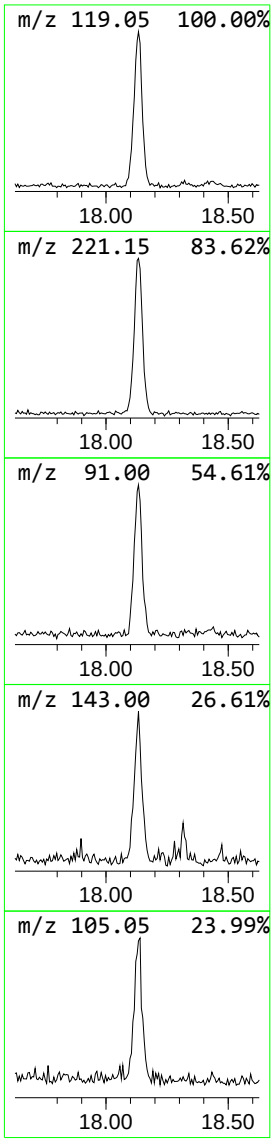
Peak Number 20 unknown18.127 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.127	5.71 ng	270561	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propyn-1-one, 1-(2-chloropheny...	236	C12H13ClOSi	1000460-97-3	46
2	Benz[j]isoquinoline, 3,6,8-trime...	221	C16H15N	061171-16-2	41
3	5,9-Methanobenzocycloocten-1(2H)...	292	C18H28O3	054833-45-3	30
4	Benzenepropanoic acid, 2-methyl-...	206	C12H14O3	051725-82-7	30
5	1H-1,2,3-Triazole, 4,5-diphenyl-	221	C14H11N3	005533-73-3	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129323.D
Acq On : 22 Jul 2022 19:15
Operator : CG\JU
Sample : N3814-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.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
9H-Fluorene, 1-...	11.022	3.2	ng	120461	4	11.422	743445	20.0
Phenanthrene, 2...	11.922	5.6	ng	208582	4	11.422	743445	20.0
Phenanthrene, 1...	11.951	7.3	ng	270420	4	11.422	743445	20.0
4H-Cyclopenta[d...	12.033	8.2	ng	303036	4	11.422	743445	20.0
Phenanthrene, 2...	12.469	2.9	ng	107514	4	11.422	743445	20.0
unknown13.080	13.080	2.6	ng	283123	5	14.069	2178810	20.0
1,2-Benzenedica...	13.192	4.8	ng	526078	5	14.069	2178810	20.0
Phthalic acid, ...	13.269	4.1	ng	448647	5	14.069	2178810	20.0
Phthalic acid, ...	13.292	4.8	ng	528546	5	14.069	2178810	20.0
Phthalic acid, ...	13.404	4.7	ng	514661	5	14.069	2178810	20.0
11H-Benzo[a]flu...	13.698	3.3	ng	357457	5	14.069	2178810	20.0
Phthalic acid, ...	13.757	3.3	ng	354417	5	14.069	2178810	20.0
Diisoheptyl pht...	13.792	4.3	ng	462815	5	14.069	2178810	20.0
Phthalic acid, ...	13.822	4.3	ng	470671	5	14.069	2178810	20.0
7H-Benz[de]anth...	13.910	3.3	ng	356628	5	14.069	2178810	20.0
unknown14.263	14.263	4.4	ng	474956	5	14.069	2178810	20.0
Benz(a)anthrace...	14.957	2.9	ng	138418	6	15.557	947673	20.0
Benzo[e]pyrene	15.227	3.1	ng	145502	6	15.557	947673	20.0
Perylene	15.427	13.7	ng	648418	6	15.557	947673	20.0
unknown18.127	18.127	5.7	ng	270561	6	15.557	947673	20.0