LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
Data File : BF125214.D
Acq On : 25 Aug 2021 17:32
Operator : JU/CG
Sample : M3467-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-5-(184.50)

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-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125214.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.193	13	18	24	rVB	500613	627064	16.64%	1.256%
2	5.134	514	518	523	rVB	124327	148507	3.94%	0.297%
3	5.528	580	585	588	rBV	3462381	3261404	86.54%	6.531%
4	6.534	751	756	759	rBV	2718563	2463204	65.36%	4.933%
5	6.910	817	820	824	rVB	858811	776823	20.61%	1.556%
6	7.175	860	865	870	rBV	68282	80541	2.14%	0.161%
7	7.475	911	916	919	rBV	1873213	1663554	44.14%	3.331%
8	8.098	1019	1022	1028	rBV	111330	215367	5.71%	0.431%
9	8.192	1036	1038	1041	rBV	1356798	1215100	32.24%	2.433%
10	8.610	1107	1109	1112	rBV	64676	52601	1.40%	0.105%
11	8.781	1135	1138	1141	rVB	70911	53767	1.43%	0.108%
12	8.833	1143	1147	1151	rBV2	50772	57547	1.53%	0.115%
13	8.904	1157	1159	1164	rVV	106165	90160	2.39%	0.181%
14	8.957	1164	1168	1173	rVB3	62976	78714	2.09%	0.158%
15	9.269	1217	1221	1224	rBV	4643291	3768790	100.00%	7.547%
16	9.345	1231	1234	1236	rBV	63495	49746	1.32%	0.100%
17	9.663	1285	1288	1294	rBV3	69896	86723	2.30%	0.174%
18	9.810	1309	1313	1317	rBV	279955	227812	6.04%	0.456%
19	9.875	1319	1324	1326	rVB	49830	48819	1.30%	0.098%
20	9.951	1333	1337	1340	rVB	1081230	902284	23.94%	1.807%
21	10.151	1368	1371	1374	rVB	106233	92542	2.46%	0.185%
22	10.504	1426	1431	1436	rVB4	30983	56384	1.50%	0.113%
23	10.733	1466	1470	1474	rBV	1852479	1619686	42.98%	3.244%
24	10.863	1487	1492	1495	rBV2	98202	140412	3.73%	0.281%
25	11.239	1553	1556	1560	rBV	146461	123814	3.29%	0.248%
26	11.292	1561	1565	1567	rBV2	53421	54094	1.44%	0.108%
27	11.327	1569	1571	1576	rVB3	47067	53612	1.42%	0.107%
28	11.380	1576	1580	1583	rBV	48536	59379	1.58%	0.119%
29	11.433	1586	1589	1592	rBV	958588	911875	24.20%	1.826%
30	11.457	1592	1593	1597	rVB	315968	216906	5.76%	0.434%
31	11.510	1599	1602	1605	rBV	356668	277649	7.37%	0.556%
32	11.663	1622	1628	1633	rBV	384862	441258	11.71%	0.884%
33	11.721	1636	1638	1643	rVV4	54476	69683	1.85%	0.140%
34	11.769	1643	1646	1650	rVV2	50597	47946	1.27%	0.096%
35	11.821	1651	1655	1658	rBV5	48237	52593	1.40%	0.105%
36	11.957	1670	1678	1683	rBV3	325765	476137	12.63%	0.954%

LSC Area Percent Report

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Sample : M3467-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-5-(184.50)

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.010	1683	1687	1690	rVB3	60932	73540	1.95%	0.147%
38	12.045	1690	1693	1696	rBV3	119134	158689	4.21%	0.318%
39	12.139	1702	1709	1712	rBV4	84673	190587	5.06%	0.382%
40	12.169	1712	1714	1717	rVB2	64472	60095	1.59%	0.120%
41	12.233	1722	1725	1726	rVV	107594	92391	2.45%	0.185%
42	12.257	1726	1729	1733	rVB	272145	241797	6.42%	0.484%
43	12.380	1745	1750	1753	rBV3	65861	80496	2.14%	0.161%
44	12.486	1765	1768	1771	rBV	197671	187957	4.99%	0.376%
45	12.521	1771	1774	1776	rVV2	54575	57400	1.52%	0.115%
46	12.574	1780	1783	1787	rVB	186057	173844	4.61%	0.348%
47	12.651	1792	1796	1800	rVV	1873458	1553105	41.21%	3.110%
48	12.739	1809	1811	1815	rBV2	191352	175381	4.65%	0.351%
49	12.880	1829	1835	1840	rBV	1639134	1720120	45.64%	3.445%
50	12.927	1840	1843	1847	rVB2	92713	121369	3.22%	0.243%
51	13.021	1855	1859	1866	rVB	3012918	2768294	73.45%	5.544%
52	13.098	1868	1872	1875	rBV3	158944	229140	6.08%	0.459%
53	13.127	1875	1877	1879	rVB	81718	57007	1.51%	0.114%
54	13.180	1883	1886	1889	rBV5	165231	242244	6.43%	0.485%
55	13.239	1894	1896	1899	rBV2	53064	68309	1.81%	0.137%
56	13.268	1899	1901	1904	rVV	79447	80020	2.12%	0.160%
57	13.310	1904	1908	1911	rVV2	244758	289268	7.68%	0.579%
58	13.339	1911	1913	1915	rVB	71817	53700	1.42%	0.108%
59	13.404	1921	1924	1926	rBV	154694	135268	3.59%	0.271%
60	13.433	1926	1929	1933	rVV3	102255	118173	3.14%	0.237%
61	13.563	1947	1951	1953	rBV2	154328	190233	5.05%	0.381%
62	13.715	1969	1977	1981	rBV	461692	606989	16.11%	1.216%
63	13.780	1985	1988	1991	rVV3	237383	370386	9.83%	0.742%
64	13.827	1992	1996	1999	rVV2	448013	818048	21.71%	1.638%
65	13.857	1999	2001	2002	rVV	397086	349686	9.28%	0.700%
66	13.874	2002	2004	2009	rVV3	767623	833449	22.11%	1.669%
67	13.921	2009	2012	2014	rVB	349887	292216	7.75%	0.585%
68	13.968	2018	2020	2022	rBV	165524	150123	3.98%	0.301%
69	14.051	2031	2034	2035	rBV	247684	261706	6.94%	0.524%
70	14.080	2035	2039	2042	rVV2	1290984	2245134	59.57%	4.496%
71	14.104	2042	2043	2049	rVB	1246888	1129541	29.97%	2.262%
72	14.186	2055	2057	2058	rBV	81768	68756	1.82%	0.138%
73	14.204	2058	2060	2064	rVB2	213468	187828	4.98%	0.376%
74	14.292	2073	2075	2080	rBV3	131556	225069	5.97%	0.451%
75	14.333	2080	2082	2085	rVB2	108151	102353	2.72%	0.205%
76	14.462	2100	2104	2107	rVB	276444	321078	8.52%	0.643%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SAMPLE-5-(184.50)

Integration Parameters: rteint.p
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.504	2107	2111	2114	rBV2	414897	392453	10.41%	0.786%
78	14.592	2123	2126	2128	rBV	215235	191456	5.08%	0.383%
79	14.615	2128	2130	2134	rVB	99717	83277	2.21%	0.167%
80	14.668	2136	2139	2141	rVB2	145981	130596	3.47%	0.262%
81	14.774	2154	2157	2160	rBV	193071	205937	5.46%	0.412%
82	14.839	2166	2168	2173	rVB2	166465	173716	4.61%	0.348%
83	14.886	2173	2176	2181	rVB3	167295	201024	5.33%	0.403%
84	14.951	2185	2187	2193	rVB2	215748	295111	7.83%	0.591%
85	15.045	2200	2203	2206	rVV2	166804	158637	4.21%	0.318%
86	15.086	2207	2210	2213	rVB	208550	237570	6.30%	0.476%
87	15.145	2214	2220	2223	rBV2	1771653	3048719	80.89%	6.105%
88	15.215	2227	2232	2235	rVV4	130232	248464	6.59%	0.498%
89	15.251	2235	2238	2241	rVB	231310	240200	6.37%	0.481%
90	15.339	2250	2253	2261	rBV3	130209	281888	7.48%	0.565%
91	15.457	2268	2273	2278	rVB	993597	1371399	36.39%	2.746%
92	15.515	2279	2283	2289	rVV2	556067	788238	20.91%	1.579%
93	15.580	2289	2294	2297	rVV2	842434	1155730	30.67%	2.314%
94	15.609	2297	2299	2306	rVB2	223092	378719	10.05%	0.758%
95	16.921	2520	2522	2529	rVB3	128658	211539	5.61%	0.424%
96	17.086	2545	2550	2556	rBV2	375475	732528	19.44%	1.467%
97	17.151	2556	2561	2574	rVB2	321271	713678	18.94%	1.429%
98	17.333	2588	2592	2598	rVB3	105827	181707	4.82%	0.364%
99	17.545	2622	2628	2638	rVB	306919	657754	17.45%	1.317%
100	18.227	2739	2744	2751	rVB10	96085	211275	5.61%	0.423%

Sum of corrected areas: 49934901

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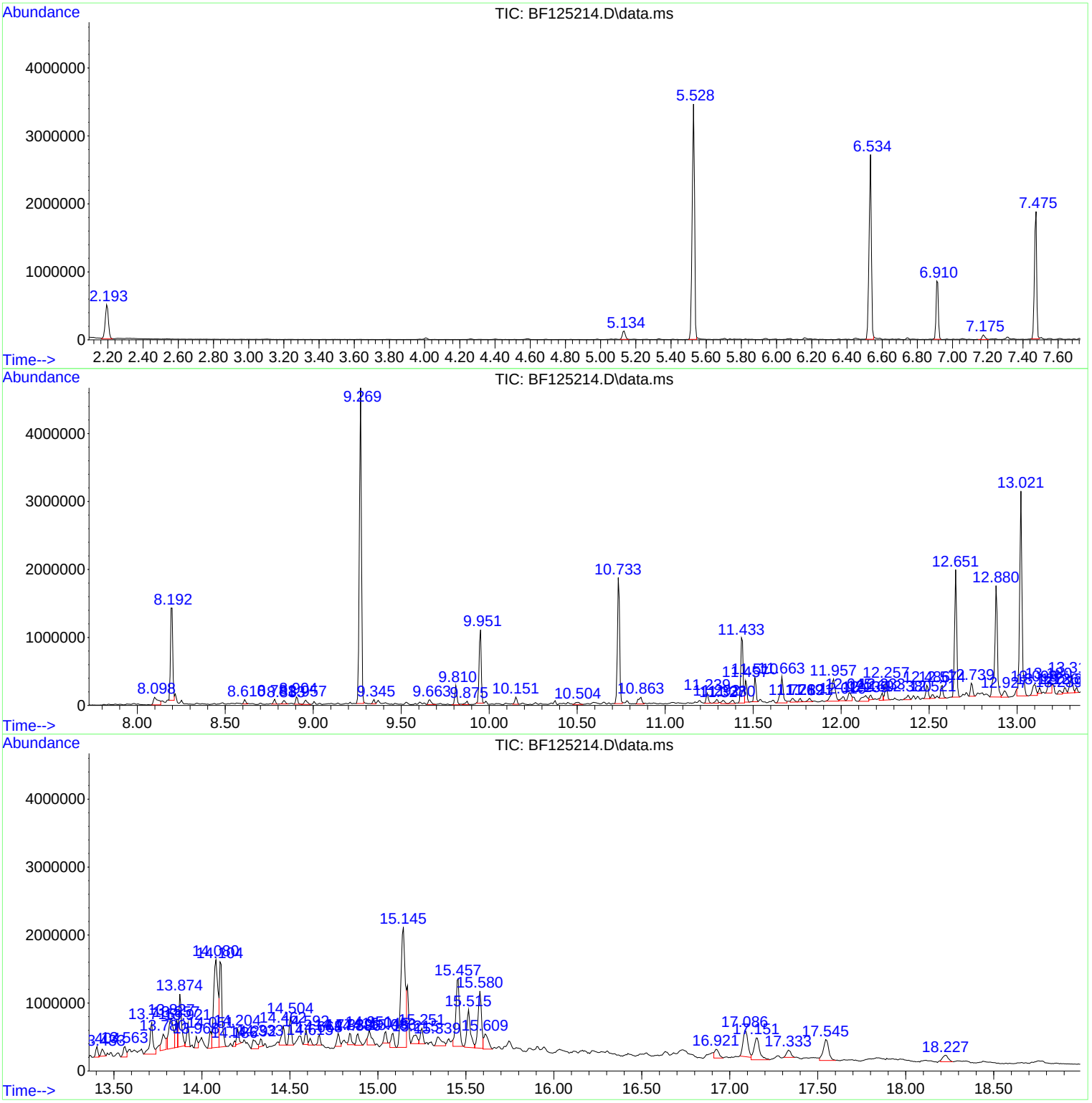
Instrument :
BNA_F
ClientSampleId :
SAMPLE-5-(184.50)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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\BF082521\
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

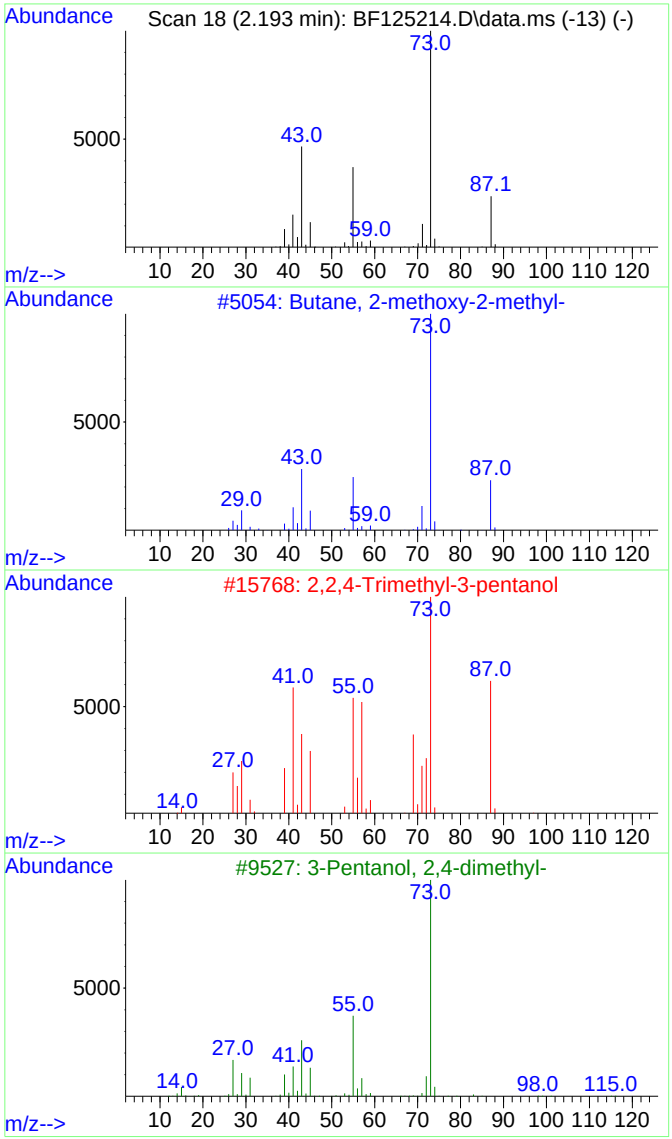
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

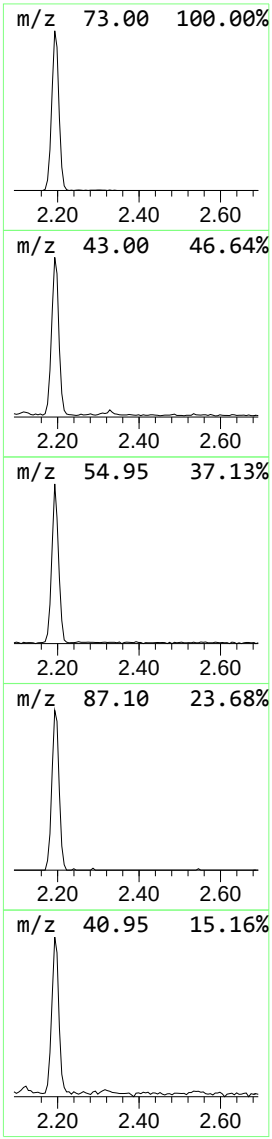
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.193	16.14 ng	627064	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
5	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
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SAMPLE-5-(184.50)

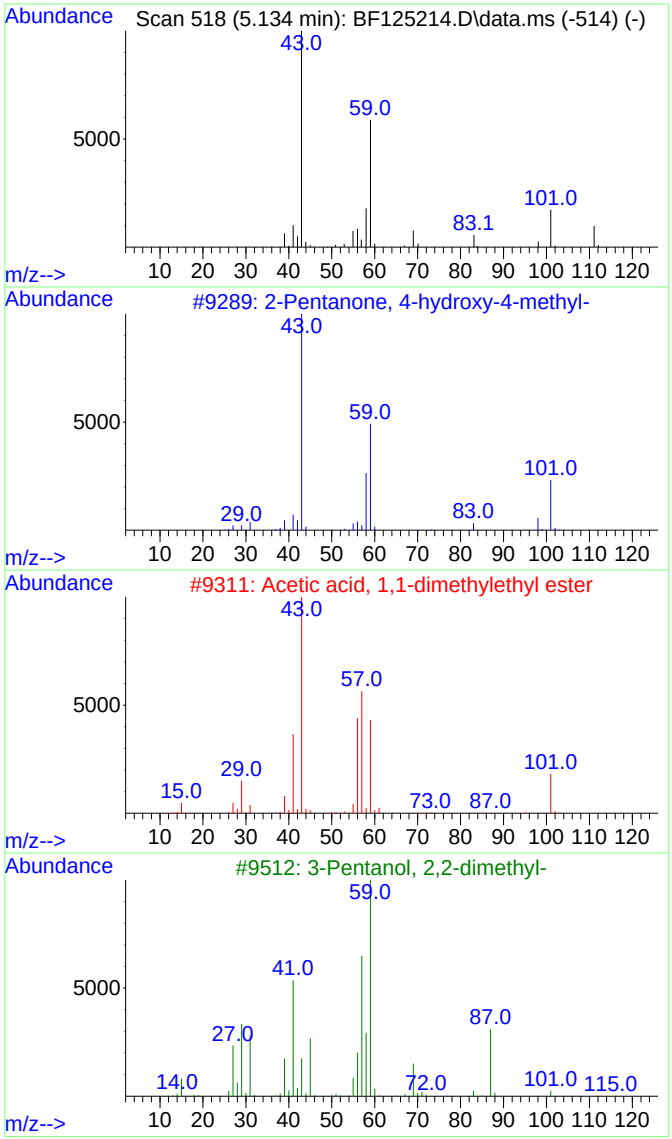
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

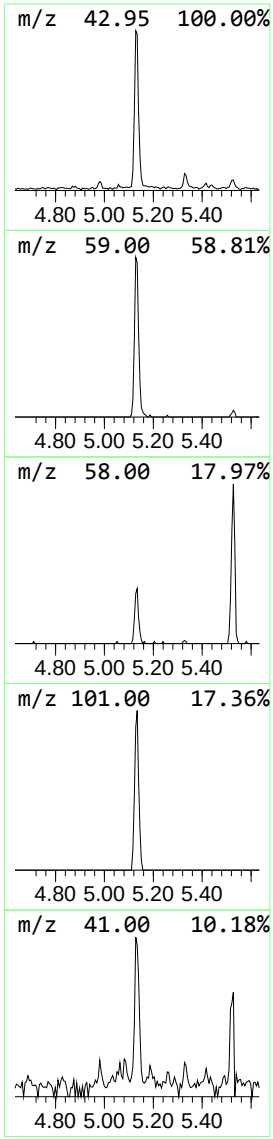
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.134	3.82 ng	148507	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	33
3	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	25
4	2-Octanol, 2,6-dimethyl-	158	C10H22O	018479-57-7	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





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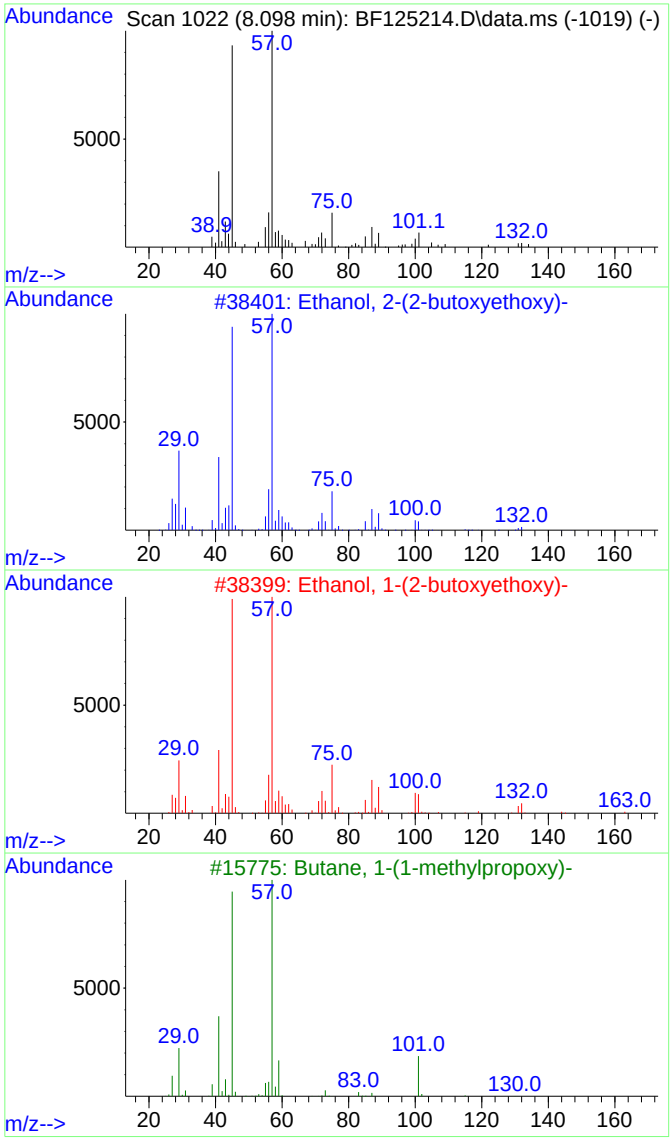
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

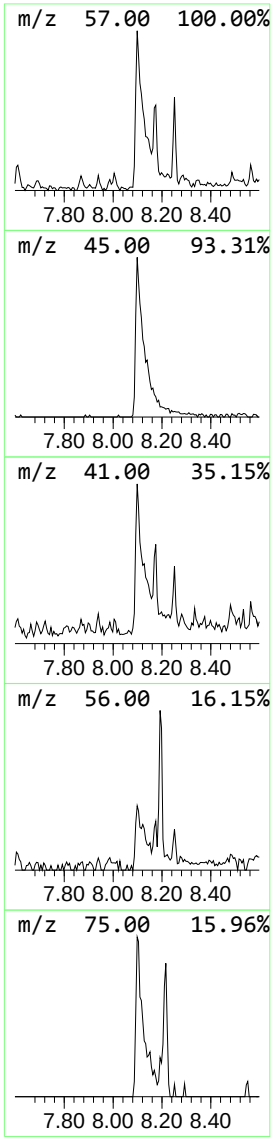
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.098	3.54 ng	215367	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	53
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	50





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Data File : BF125214.D
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Sample : M3467-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
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SAMPLE-5-(184.50)

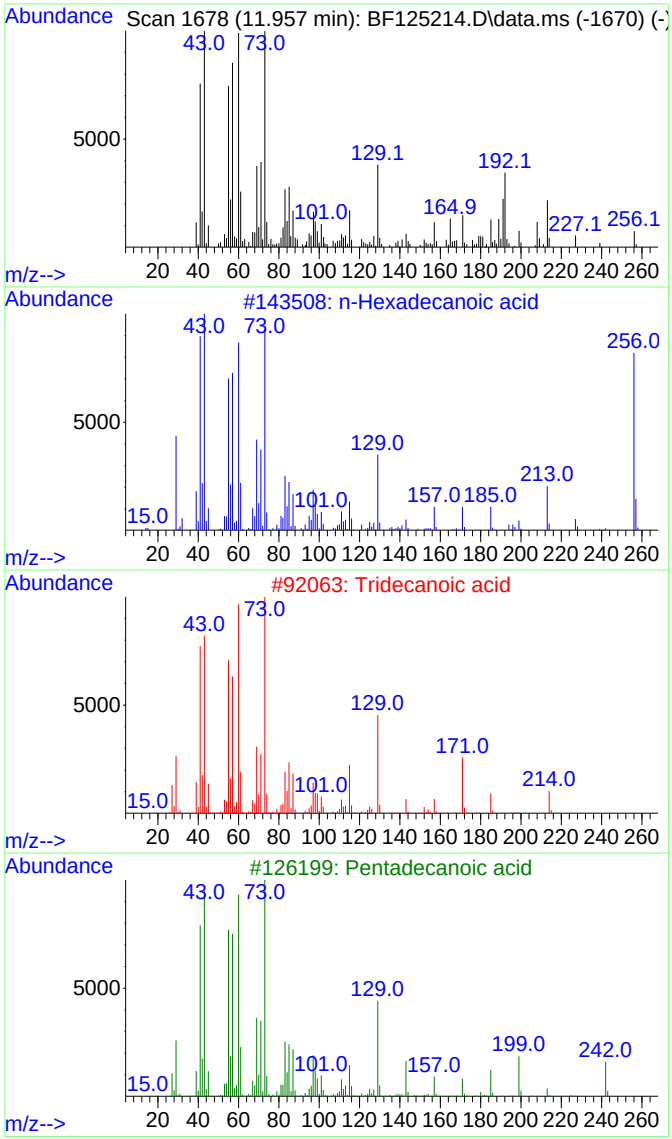
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

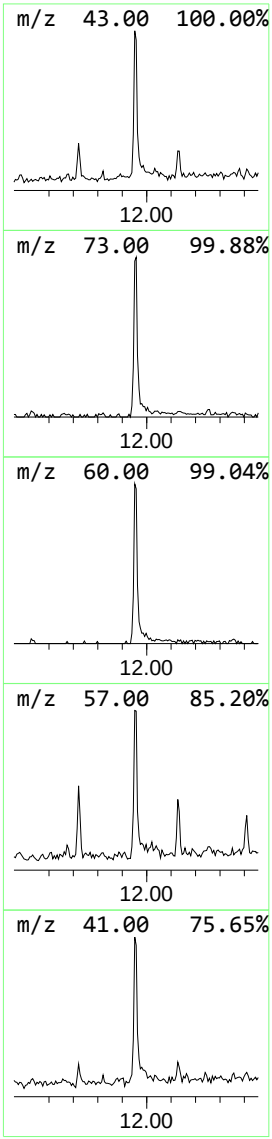
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	10.44 ng	476137	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
Data File : BF125214.D
Acq On : 25 Aug 2021 17:32
Operator : JU/CG
Sample : M3467-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-5-(184.50)

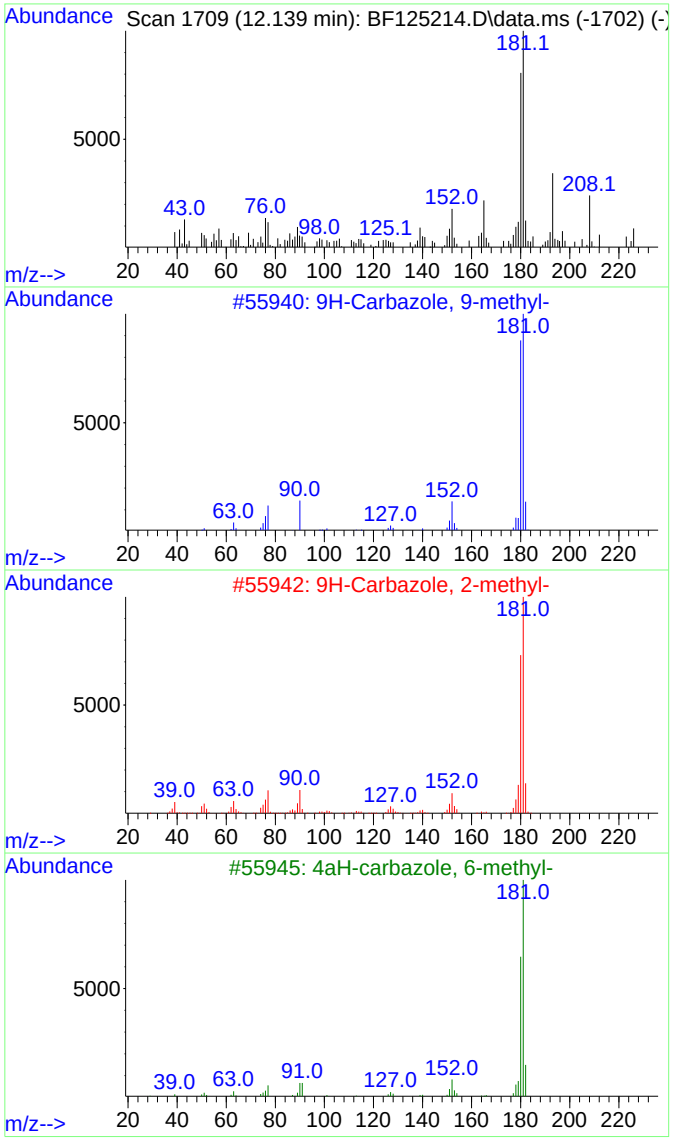
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

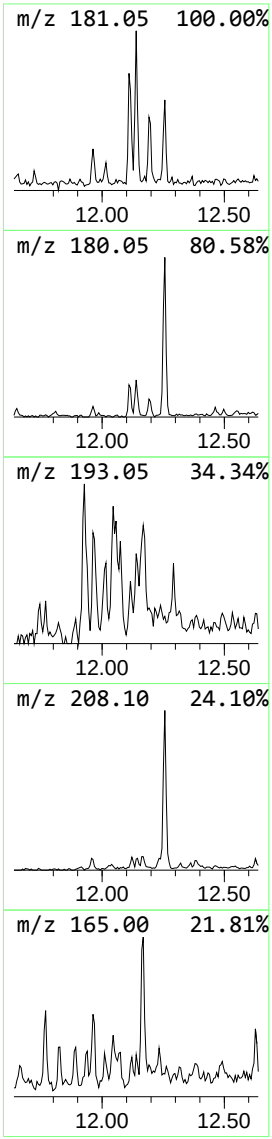
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9H-Carbazole, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.139	4.18 ng	190587	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	86
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	70
3	4aH-carbazole, 6-methyl-	181	C13H11N	1000404-86-1	70
4	3-Methylcarbazole	181	C13H11N	004630-20-0	70
5	2-Fluorenamine	181	C13H11N	000153-78-6	64





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Acq On : 25 Aug 2021 17:32
Operator : JU/CG
Sample : M3467-19
Misc :
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ClientSampleId :
SAMPLE-5-(184.50)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

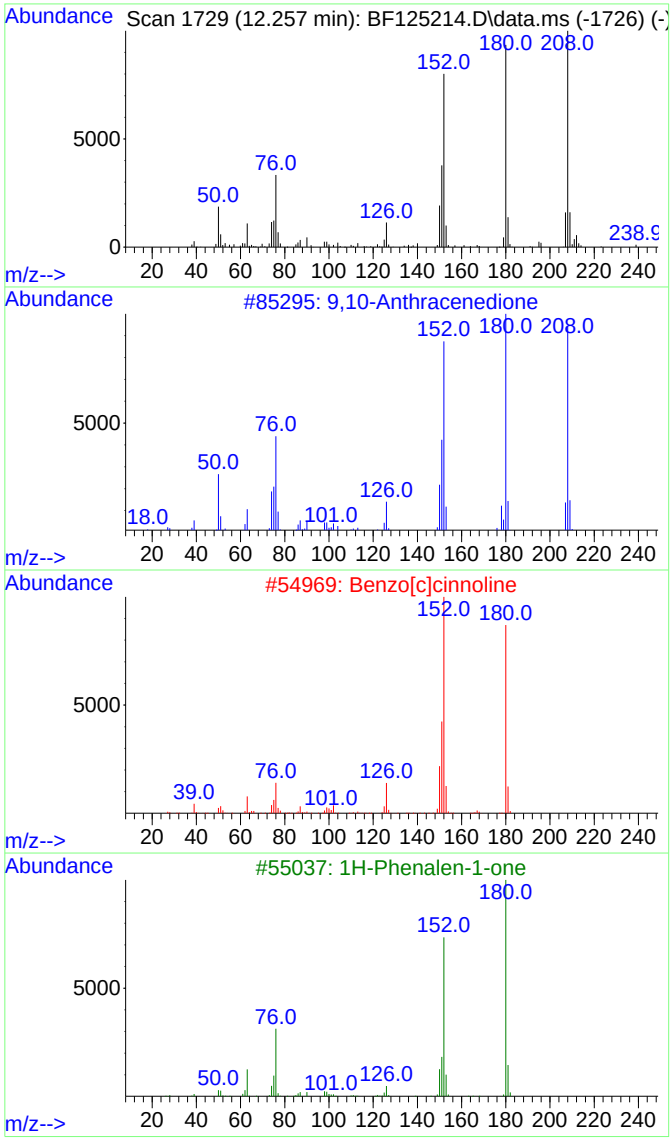
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

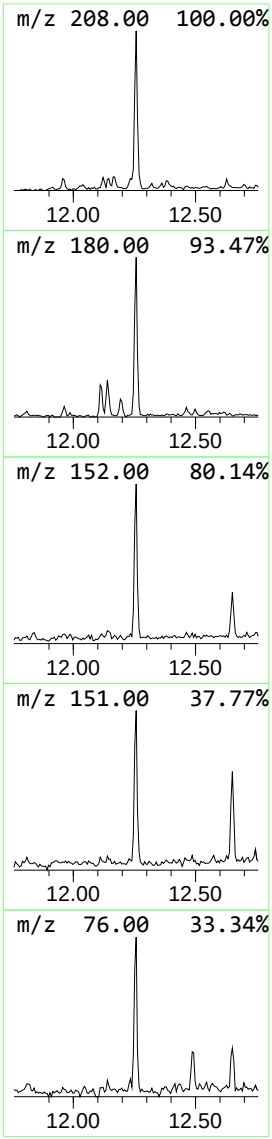
****

Peak Number 6 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.257	5.30 ng	241797	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	52





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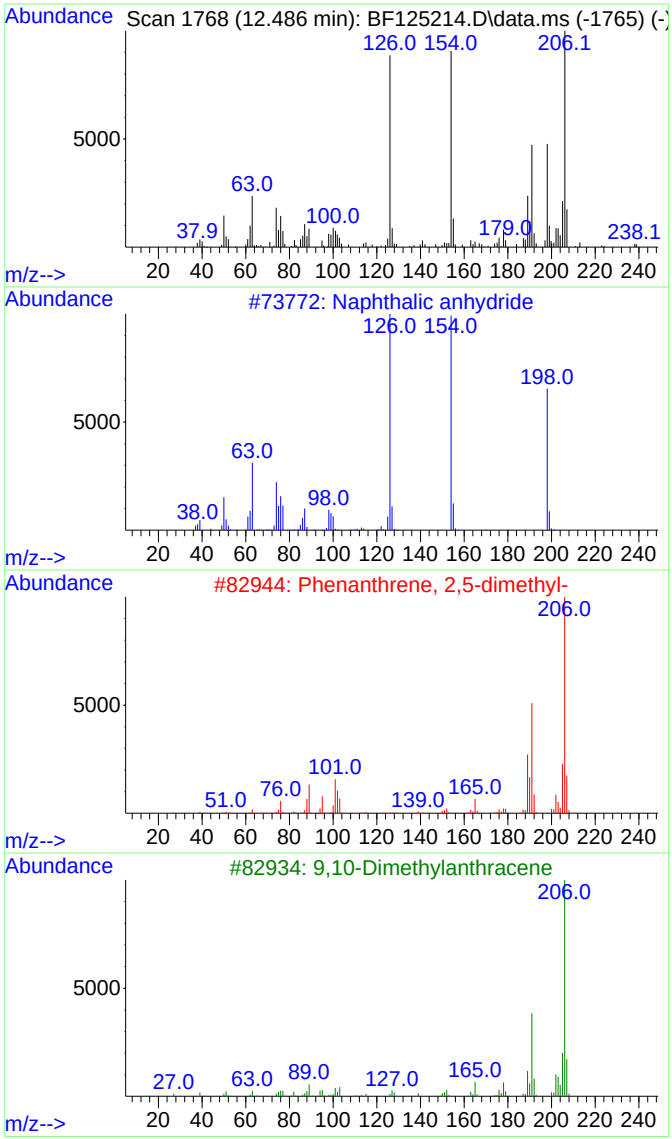
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

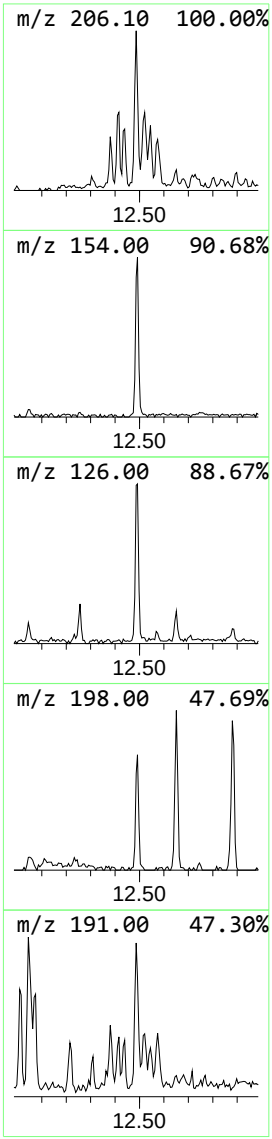
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalic anhydride Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	4.12 ng	187957	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	97
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	55
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	52
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	47
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	47





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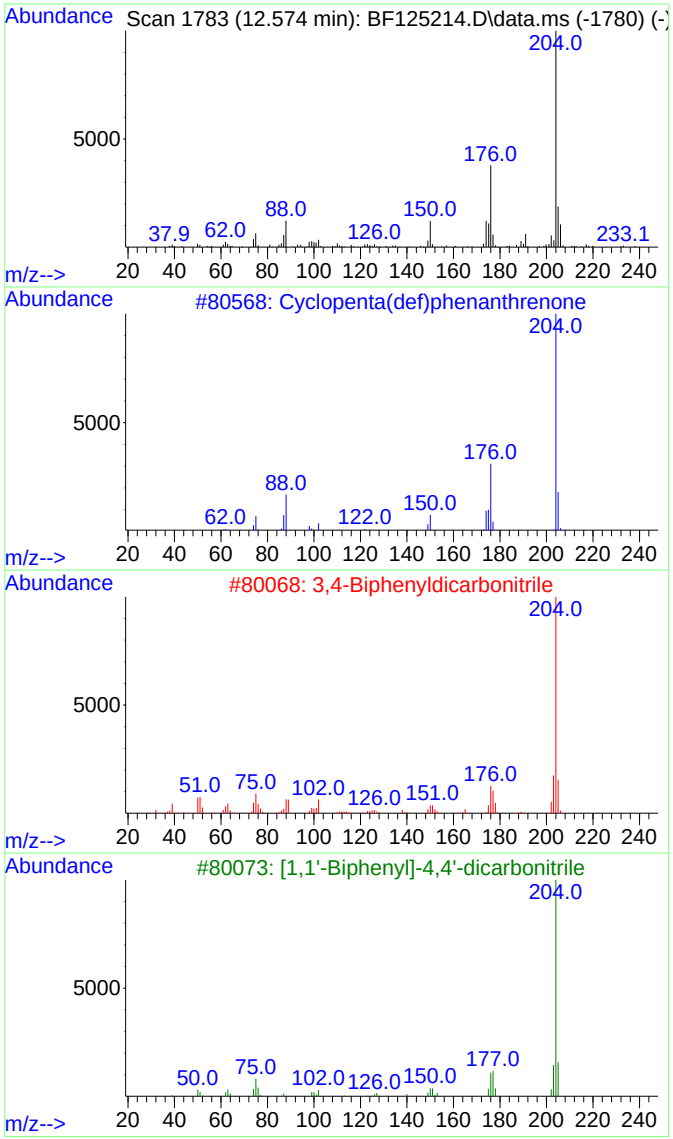
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

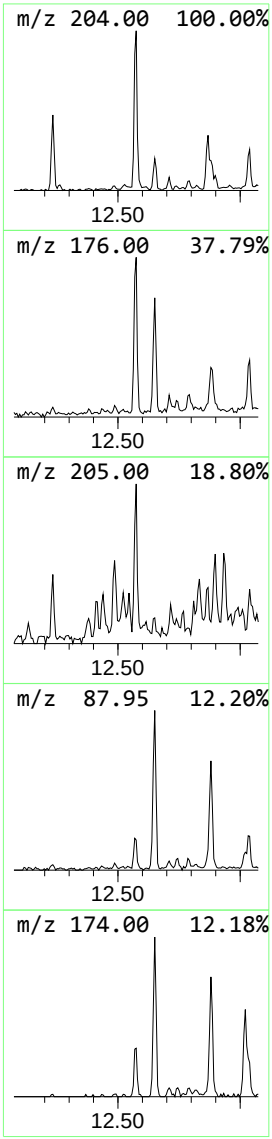
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.574	3.81 ng	173844	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	56
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	50
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46





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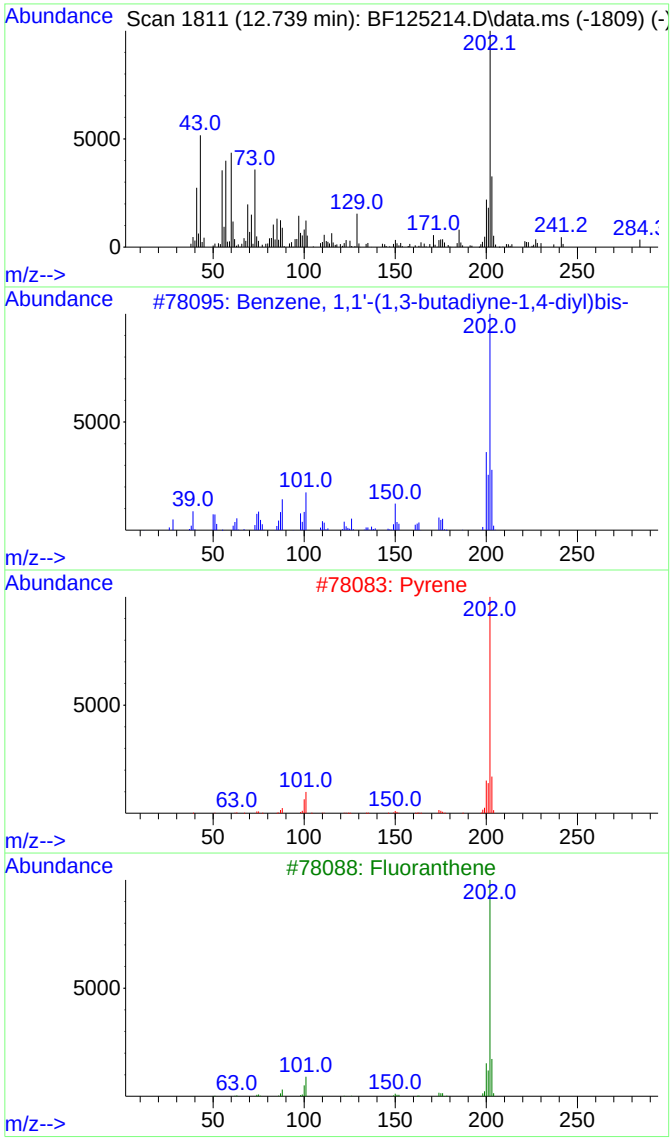
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

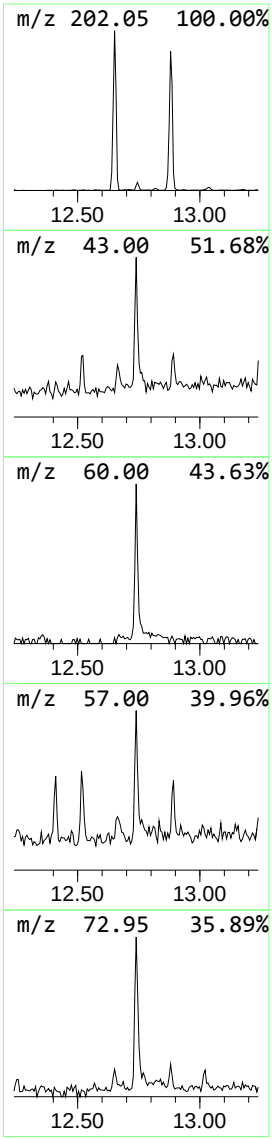
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.739	3.85 ng	175381	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	50
2	Pyrene	202	C16H10	000129-00-0	49
3	Fluoranthene	202	C16H10	000206-44-0	49
4	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	42
5	Anthracene, 9-(2-nitroethenyl)-	249	C16H11NO2	058349-77-2	40





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

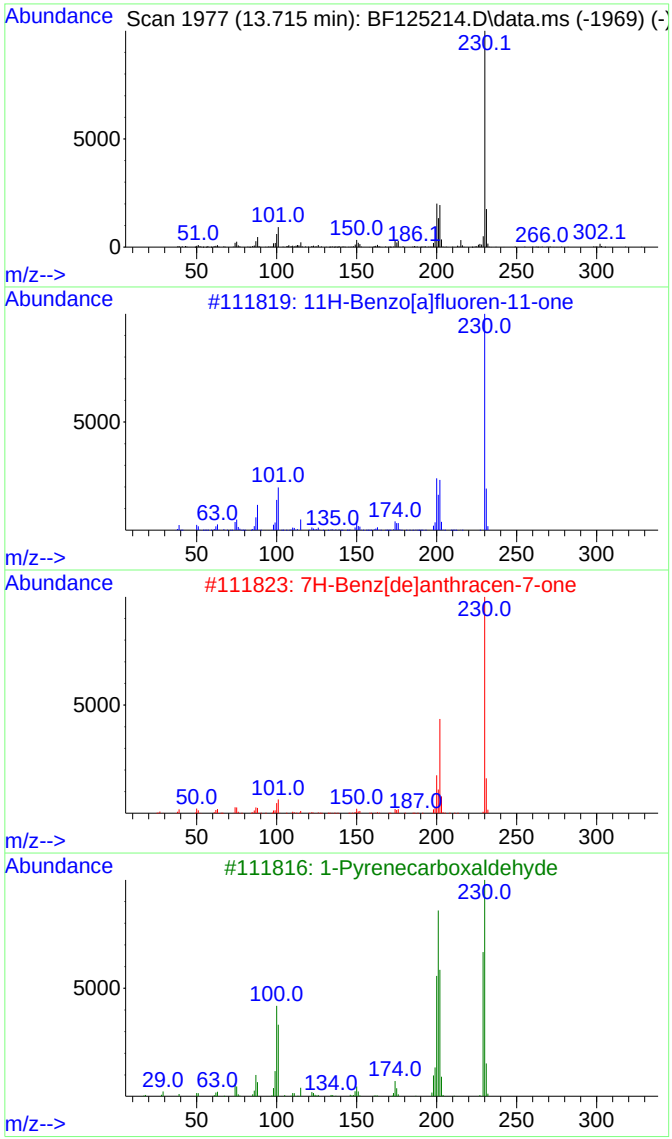
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

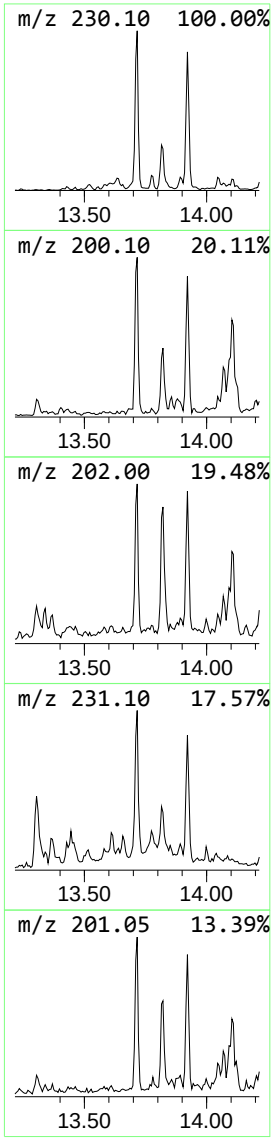
****

Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	5.41 ng	606989	Chrysene-d12	14.080

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	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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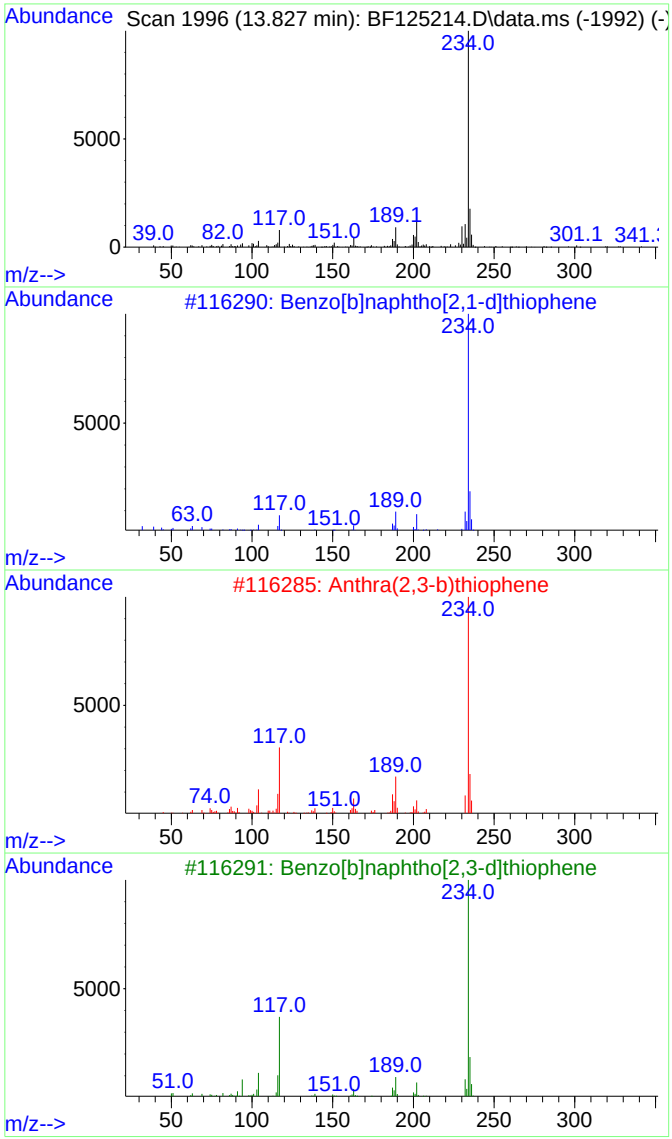
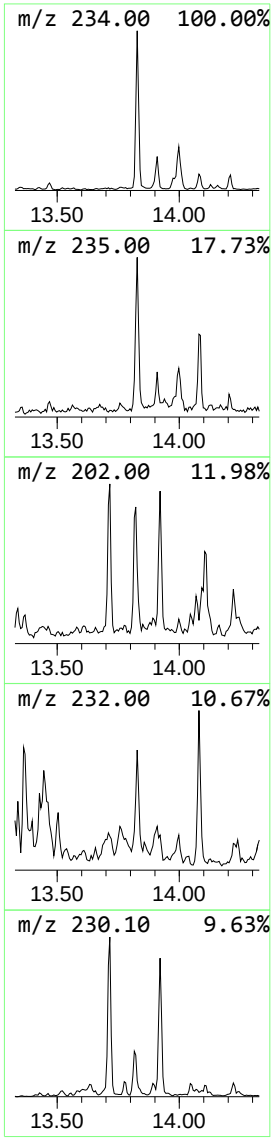
****
Peak Number 11 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.827	7.29 ng	818048	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	68
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	58





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

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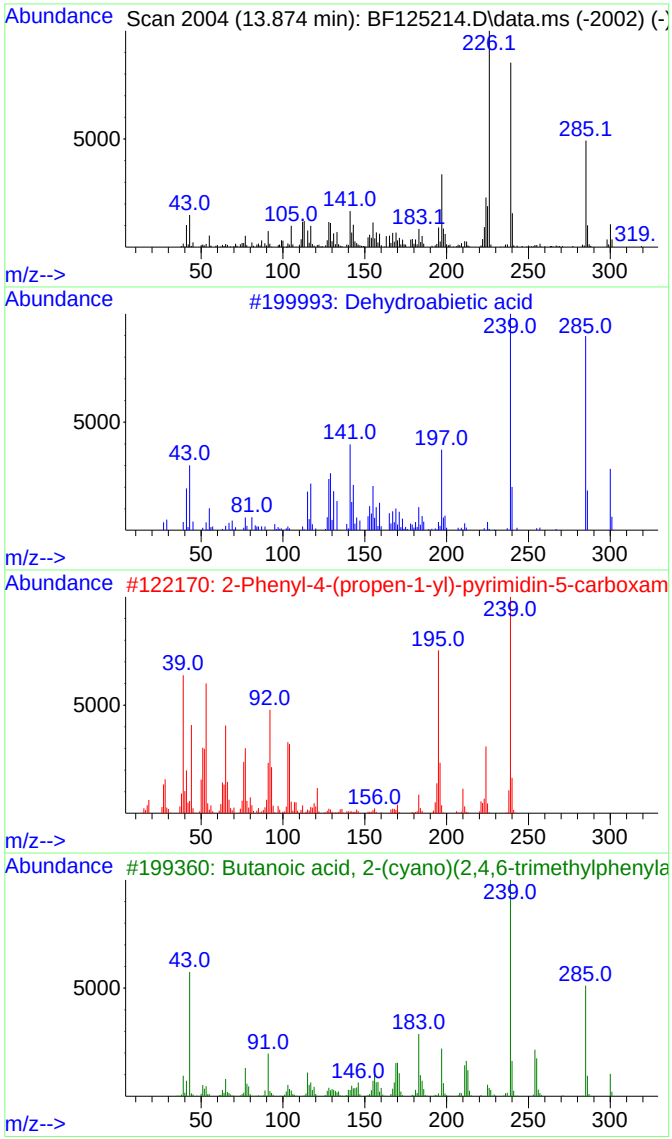
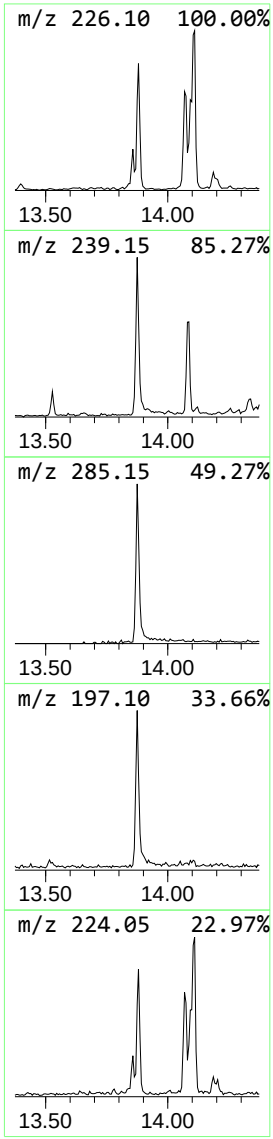
****

Peak Number 12 Dehydroabietic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	7.42 ng	833449	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	94
2	2-Phenyl-4-(propen-1-yl)-pyrimid...	239	C14H13N3O	1010287-21-7	83
3	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	46
4	3-Quinolinecarboxylic acid, 4-hy...	285	C13H10F3NO3	023851-84-5	38
5	Ethyl 4-hydroxy-6-(trifluorometh...	285	C13H10F3NO3	026893-12-9	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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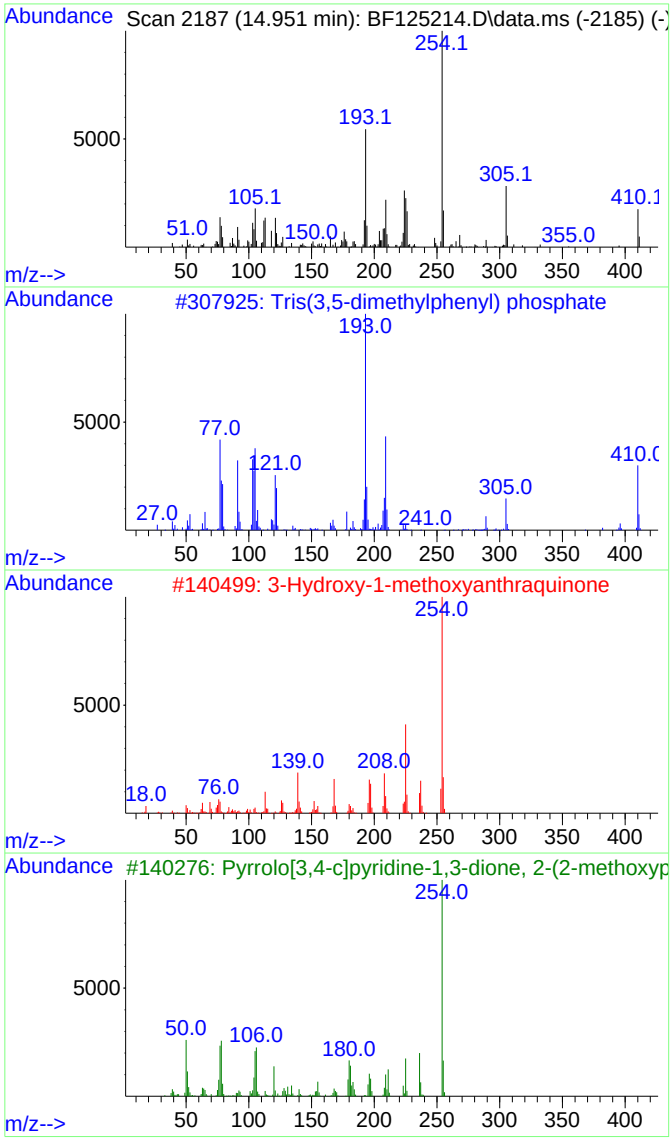
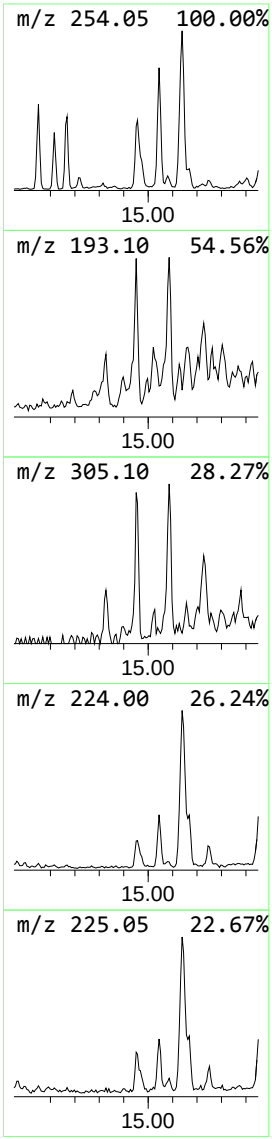
****
Peak Number 13 Tris(3,5-dimethylphenyl) ph... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.951	5.11 ng	295111	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tris(3,5-dimethylphenyl) phosphate	410	C24H27O4P	025653-16-1	80
2	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	38
3	Pyrrolo[3,4-c]pyridine-1,3-dione...	254	C14H10N2O3	1000316-41-8	27
4	2,6-Di(2-furylmethylidene)cycloh...	254	C16H14O3	000893-00-5	25
5	1H-Pyrano[2,3-c]pyrazol-6-one, 3...	254	C15H14N2O2	1010316-21-1	25





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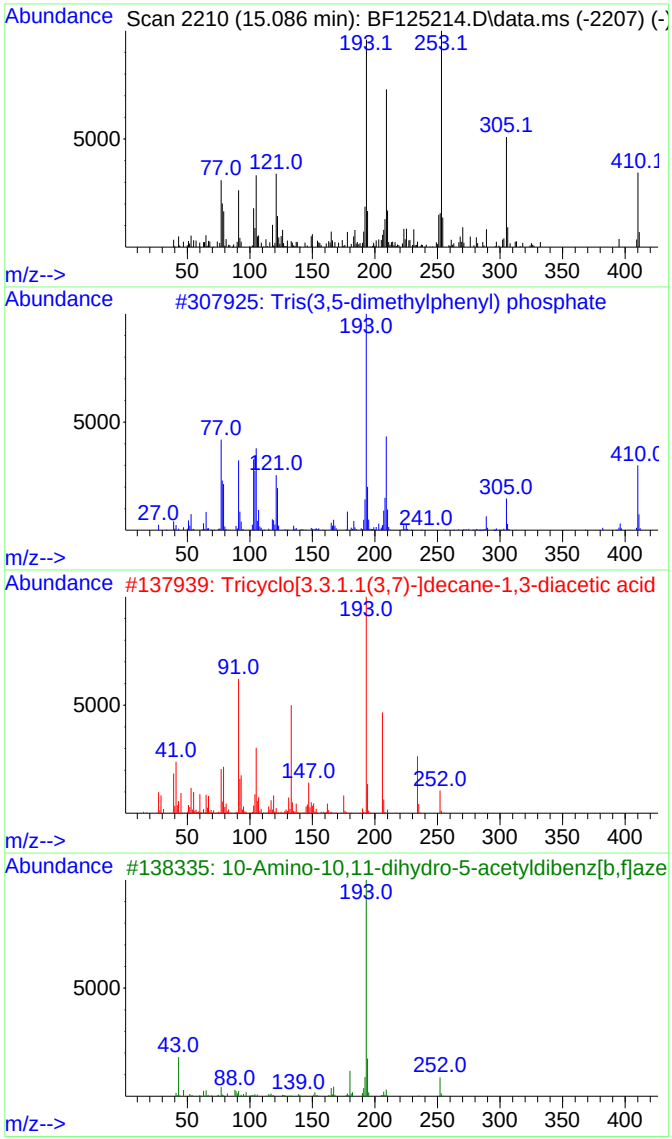
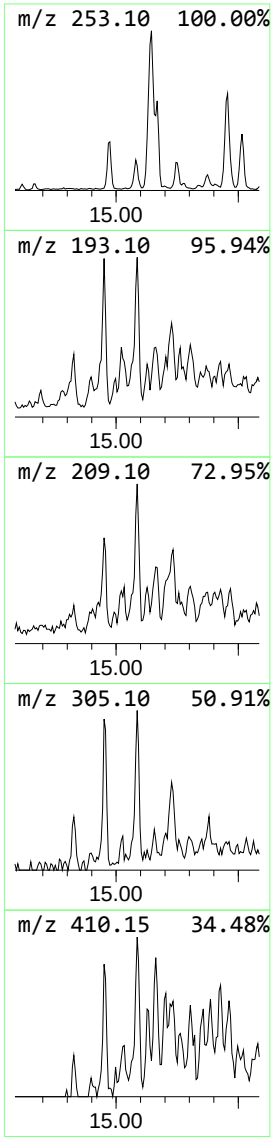
Peak Number 14 unknown15.086 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.086	4.11 ng	237570	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tris(3,5-dimethylphenyl) phosphate	410	C24H27O4P	025653-16-1	46
2	Tricyclo[3.3.1.1(3,7)-]decane-1,...	252	C14H20O4	017768-28-4	18
3	10-Amino-10,11-dihydro-5-acetyld...	252	C16H16N2O	028291-57-8	18
4	1,2-Dihydropyrido(3,2,1-kl)pheno...	253	C15H11NOS	069513-42-4	18
5	1-(4-Fluorophenyl)-3-phenyl-1H-p...	253	C15H12FN3	072411-51-9	14





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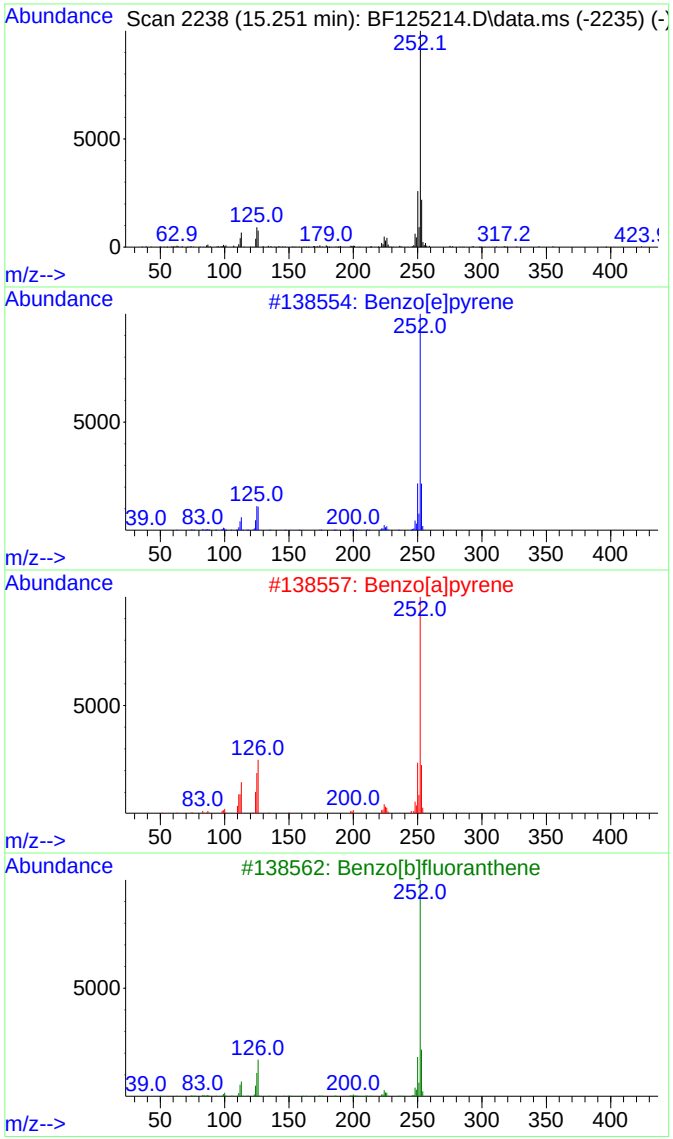
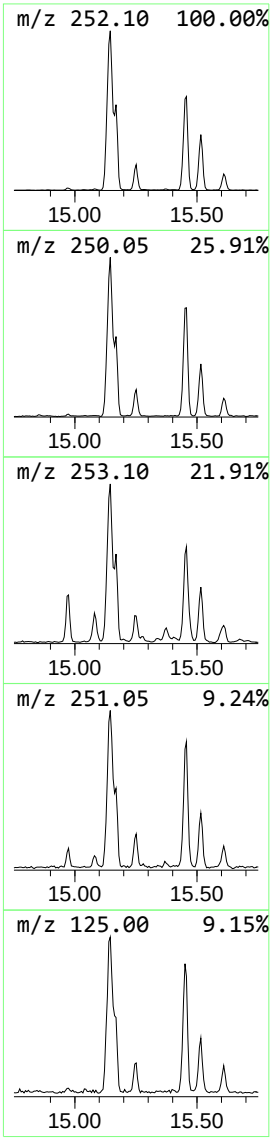
Peak Number 15 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.251	4.16 ng	240200	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	87





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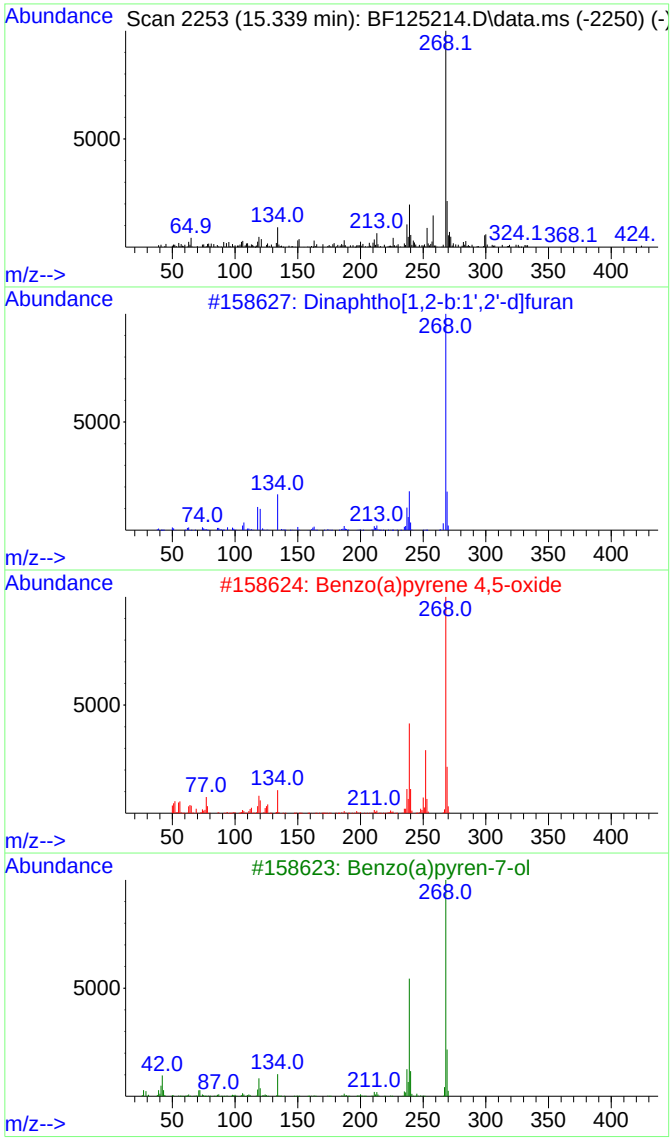
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

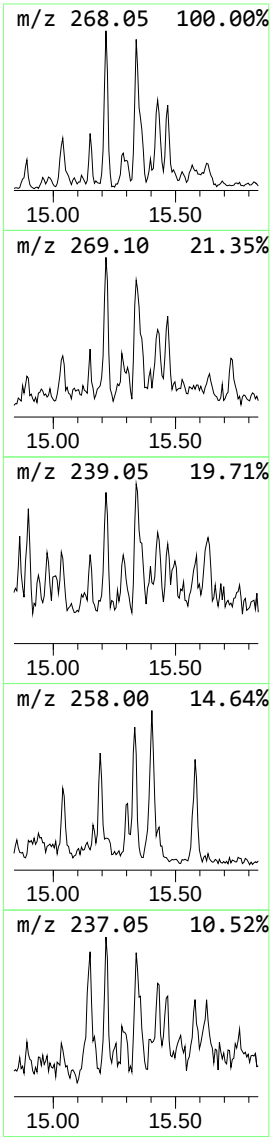
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.339	4.88 ng	281888	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	81
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	74
3	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	64
4	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	58
5	Disperse Blue 1	268	C14H12N4O2	002475-45-8	53





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Data File : BF125214.D
Acq On : 25 Aug 2021 17:32
Operator : JU/CG
Sample : M3467-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-5-(184.50)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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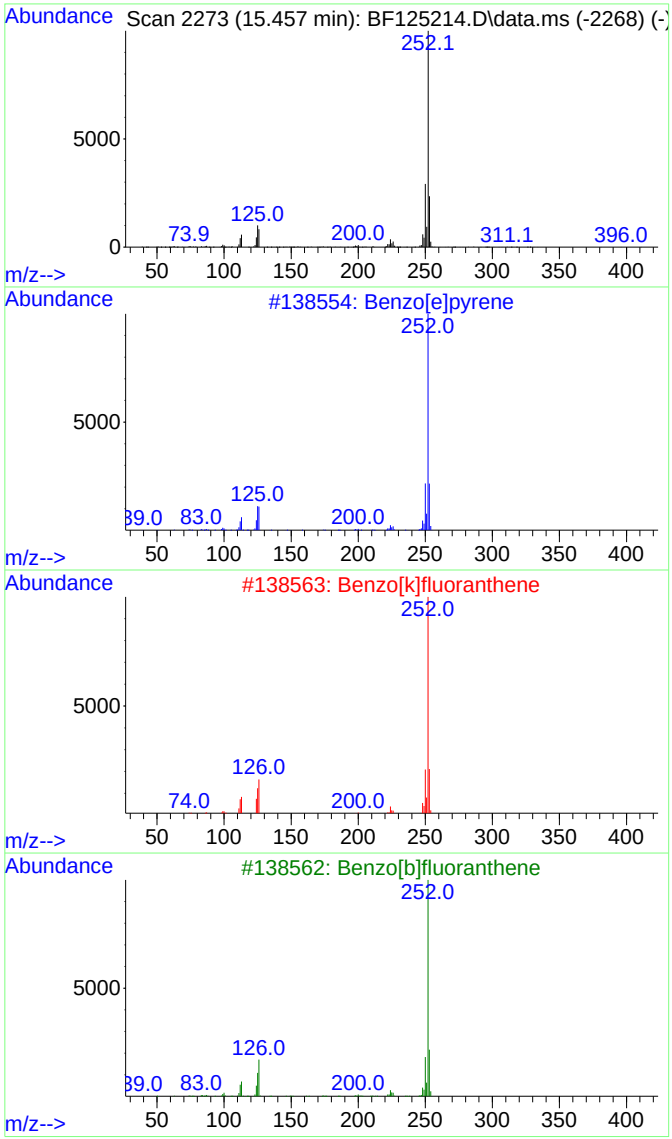
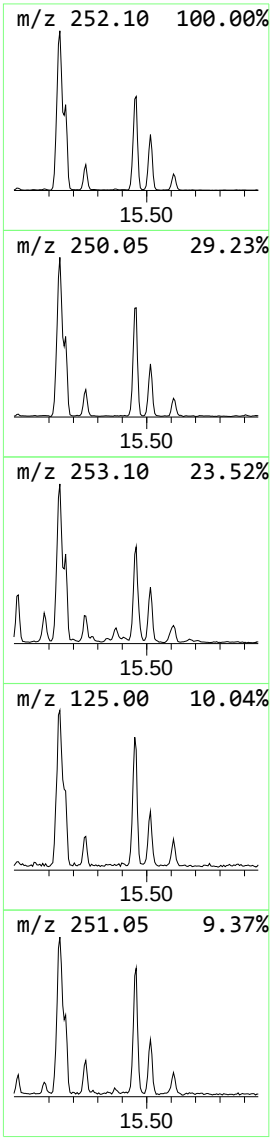
Peak Number 17 unknown15.457 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.457	23.73 ng	1371400	Perylene-d12	15.580

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	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	91





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Data File : BF125214.D
Acq On : 25 Aug 2021 17:32
Operator : JU/CG
Sample : M3467-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-5-(184.50)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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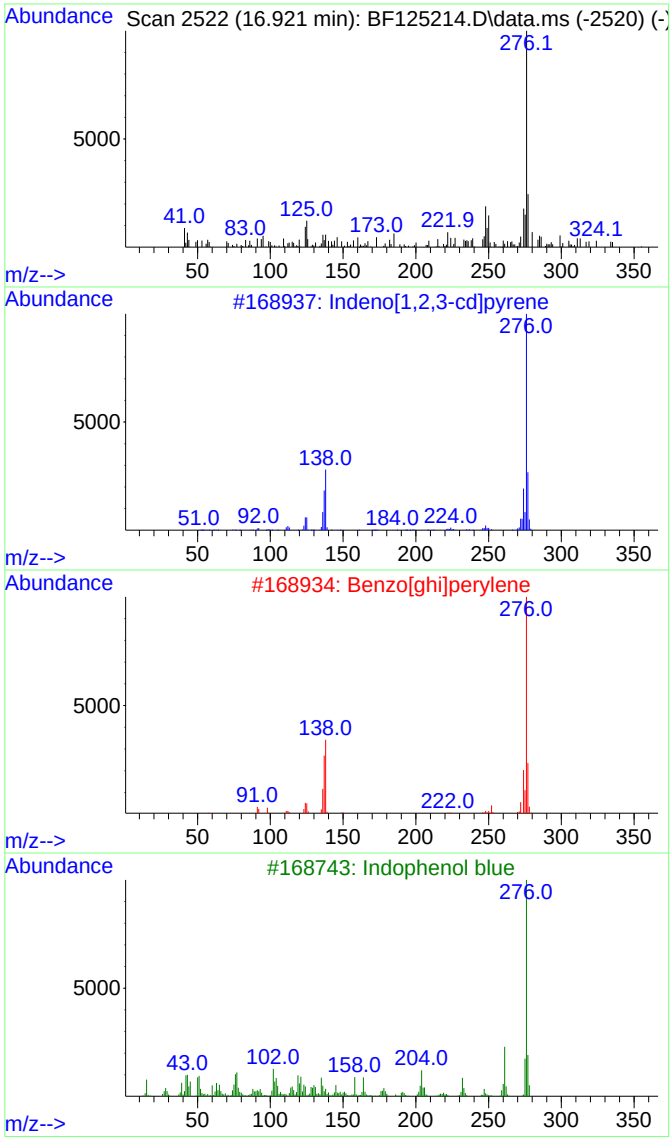
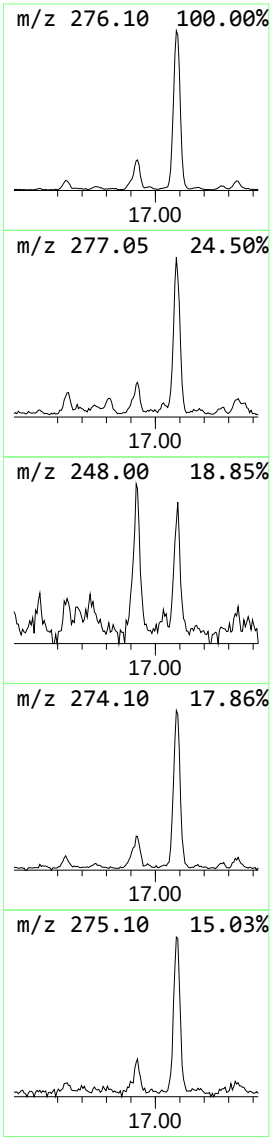
Peak Number 18 Indophenol blue Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.921	3.66 ng	211539	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	62
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	58
3	Indophenol blue	276	C18H16N2O	000132-31-0	58
4	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	53
5	12H-Benzothieno[2,3-d]pyrido[1,2...	276	C14H16N2S2	102254-63-7	53





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Data File : BF125214.D
Acq On : 25 Aug 2021 17:32
Operator : JU/CG
Sample : M3467-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-5-(184.50)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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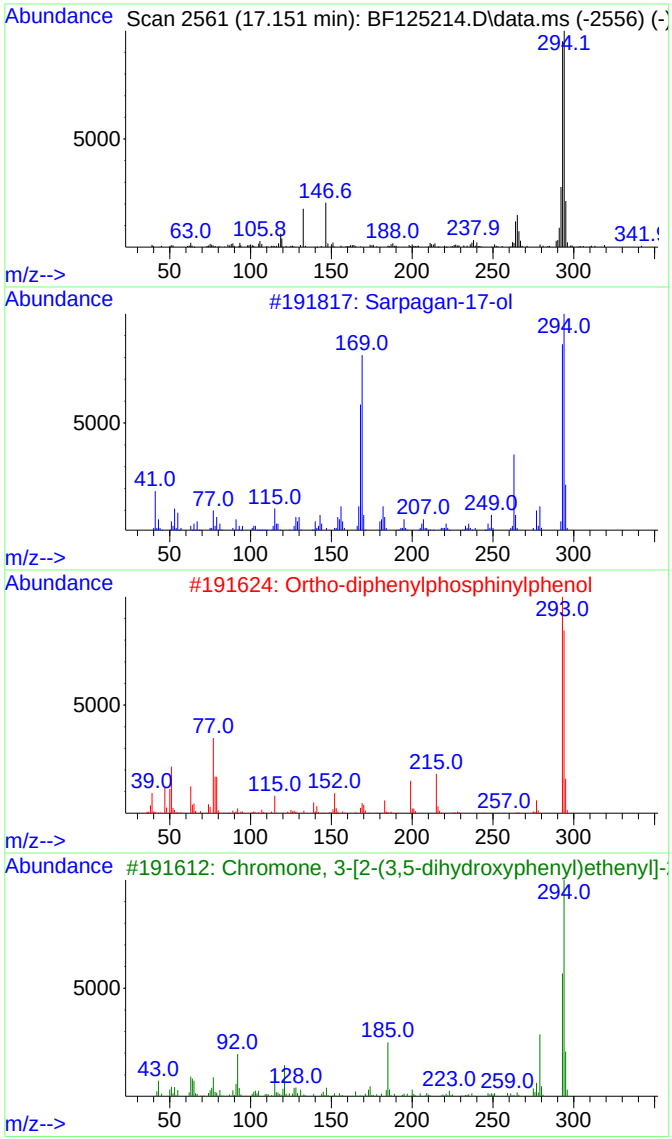
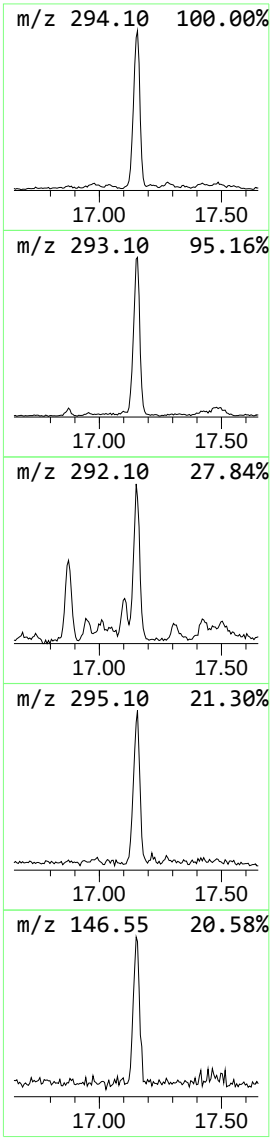
Peak Number 19 Sarpagan-17-ol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.151	12.35 ng	713678	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sarpagan-17-ol	294	C19H22N2O	000604-99-9	64
2	Ortho-diphenylphosphinylphenol	294	C18H15O2P	016522-52-4	53
3	Chromone, 3-[2-(3,5-dihydroxyphe...	294	C18H14O4	117970-65-7	43
4	Ethene, 1-(anthracen-9-yl)-2-(p-...	294	C23H18	024815-58-5	38
5	2-Methoxy-7-piperidinophenazine	293	C18H19N3O	021942-88-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
Data File : BF125214.D
Acq On : 25 Aug 2021 17:32
Operator : JU/CG
Sample : M3467-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-5-(184.50)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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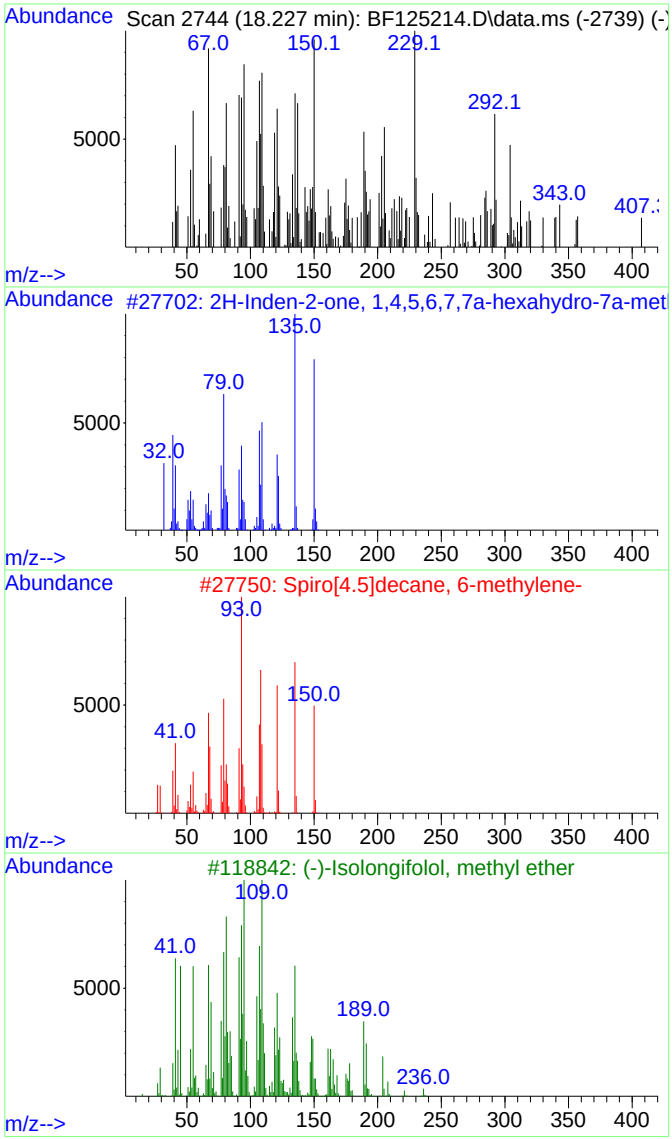
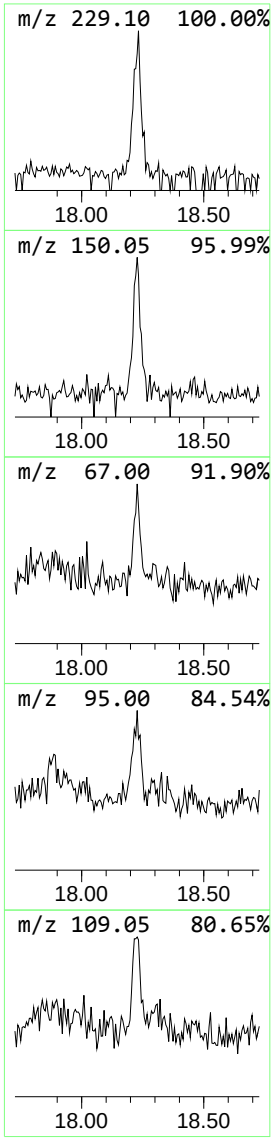
Peak Number 20 unknown18.227 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	3.66 ng	211275	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Inden-2-one, 1,4,5,6,7,7a-hex...	150	C10H14O	054725-16-5	43
2	Spiro[4.5]decane, 6-methylene-	150	C11H18	019144-01-5	43
3	(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	41
4	4-Acetylaminomethylpyridine	150	C8H10N2O	023974-15-4	41
5	Epilupeol; 20(29)-Lupen-3alpha-o...	468	C32H52O2	1010513-01-8	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
Data File : BF125214.D
Acq On : 25 Aug 2021 17:32
Operator : JU/CG
Sample : M3467-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-5-(184.50)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.193	16.1	ng	627064	1	6.916	776823	20.0
2-Pentanone, 4-...	5.134	3.8	ng	148507	1	6.916	776823	20.0
Ethanol, 2-(2-b...	8.098	3.5	ng	215367	2	8.198	1215100	20.0
n-Hexadecanoic ...	11.957	10.4	ng	476137	4	11.433	911875	20.0
9H-Carbazole, 9...	12.139	4.2	ng	190587	4	11.433	911875	20.0
9,10-Anthracene...	12.257	5.3	ng	241797	4	11.433	911875	20.0
Naphthalic anhy...	12.486	4.1	ng	187957	4	11.433	911875	20.0
Cyclopenta(def)...	12.574	3.8	ng	173844	4	11.433	911875	20.0
Benzene, 1,1'-(...	12.739	3.9	ng	175381	4	11.433	911875	20.0
11H-Benzo[a]flu...	13.716	5.4	ng	606989	5	14.080	2245130	20.0
Benzo[b]naphtho...	13.827	7.3	ng	818048	5	14.080	2245130	20.0
Dehydroabietic ...	13.874	7.4	ng	833449	5	14.080	2245130	20.0
Tris(3,5-dimeth...	14.951	5.1	ng	295111	6	15.580	1155730	20.0
unknown15.086	15.086	4.1	ng	237570	6	15.580	1155730	20.0
Benzo[e]pyrene	15.251	4.2	ng	240200	6	15.580	1155730	20.0
Dinaphtho[1,2-b...	15.339	4.9	ng	281888	6	15.580	1155730	20.0
unknown15.457	15.457	23.7	ng	1371400	6	15.580	1155730	20.0
Indophenol blue	16.921	3.7	ng	211539	6	15.580	1155730	20.0
Sarpagan-17-ol	17.151	12.4	ng	713678	6	15.580	1155730	20.0
unknown18.227	18.227	3.7	ng	211275	6	15.580	1155730	20.0