LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
Data File : BF134276.D
Acq On : 13 Jul 2023 23:18
Operator : CG\JU
Sample : 03565-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-7-10-2023

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134276.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	6	14	rVB	3384657	4162240	100.00%	9.682%
2	2.199	14	19	27	rVB	137839	191836	4.61%	0.446%
3	4.175	354	355	364	rBV5	36878	86873	2.09%	0.202%
4	5.469	572	575	590	rBV	798727	791565	19.02%	1.841%
5	5.645	602	605	615	rBV2	432064	437352	10.51%	1.017%
6	6.098	678	682	694	rBV	543588	490408	11.78%	1.141%
7	6.475	743	746	758	rBV	956312	812028	19.51%	1.889%
8	6.839	805	808	814	rBV	523852	418508	10.05%	0.974%
9	6.945	821	826	831	rBV	141427	133657	3.21%	0.311%
10	6.992	831	834	848	rVB	479411	466754	11.21%	1.086%
11	7.398	900	903	910	rBV	559000	491185	11.80%	1.143%
12	8.122	1022	1026	1028	rBV	625994	528398	12.70%	1.229%
13	8.833	1144	1147	1151	rBV	128559	98439	2.37%	0.229%
14	8.933	1160	1164	1167	rBV	158100	123684	2.97%	0.288%
15	9.192	1205	1208	1212	rBV	929506	797378	19.16%	1.855%
16	9.463	1250	1254	1258	rBV	92668	127668	3.07%	0.297%
17	9.533	1263	1266	1269	rBV	191506	188360	4.53%	0.438%
18	9.563	1269	1271	1275	rVB	106659	87746	2.11%	0.204%
19	9.651	1283	1286	1291	rVB	102596	113180	2.72%	0.263%
20	9.739	1298	1301	1305	rBV	242156	201080	4.83%	0.468%
21	9.880	1318	1325	1327	rBV	667547	629314	15.12%	1.464%
22	9.910	1327	1330	1334	rVB	320429	256409	6.16%	0.596%
23	10.080	1355	1359	1363	rVV2	248191	258083	6.20%	0.600%
24	10.122	1363	1366	1369	rVB	115080	93227	2.24%	0.217%
25	10.192	1374	1378	1381	rBV	114795	122164	2.94%	0.284%
26	10.286	1390	1394	1396	rBV2	71144	102728	2.47%	0.239%
27	10.427	1415	1418	1424	rVB	478378	438586	10.54%	1.020%
28	10.592	1442	1446	1449	rVB2	179292	195376	4.69%	0.454%
29	10.669	1454	1459	1463	rBV	802320	758933	18.23%	1.765%
30	10.798	1476	1481	1487	rVB2	102002	131900	3.17%	0.307%
31	10.980	1507	1512	1514	rVV3	175438	235002	5.65%	0.547%
32	11.010	1514	1517	1519	rVV2	128806	141398	3.40%	0.329%
33	11.063	1523	1526	1529	rVV	111156	108679	2.61%	0.253%
34	11.110	1529	1534	1536	rVV3	75110	131731	3.16%	0.306%
35	11.133	1536	1538	1543	rVV2	82029	109601	2.63%	0.255%
36	11.180	1543	1546	1549	rVV2	155805	156679	3.76%	0.364%

LSC Area Percent Report

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Sample : 03565-01 2X
Misc :
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Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-7-10-2023

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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.222	1550	1553	1557	rVV3	69410	113121	2.72%	0.263%
38	11.269	1557	1561	1568	rVB	295050	289338	6.95%	0.673%
39	11.374	1575	1579	1581	rBV	637225	612096	14.71%	1.424%
40	11.404	1581	1584	1587	rVV	2613871	2264899	54.42%	5.268%
41	11.451	1589	1592	1595	rVV	658348	519461	12.48%	1.208%
42	11.486	1595	1598	1600	rVV2	119825	126971	3.05%	0.295%
43	11.610	1615	1619	1625	rBV	274091	285793	6.87%	0.665%
44	11.704	1632	1635	1640	rVB	218884	237313	5.70%	0.552%
45	11.792	1647	1650	1654	rVB	144097	158320	3.80%	0.368%
46	11.833	1654	1657	1661	rBV3	78738	95921	2.30%	0.223%
47	11.880	1661	1665	1667	rVV	655495	582403	13.99%	1.355%
48	11.910	1667	1670	1673	rVB	870793	784918	18.86%	1.826%
49	11.957	1675	1678	1680	rBV	206331	166885	4.01%	0.388%
50	11.992	1680	1684	1686	rVV2	892208	903850	21.72%	2.102%
51	12.016	1686	1688	1692	rVB	507207	411311	9.88%	0.957%
52	12.063	1693	1696	1699	rBV3	65393	93185	2.24%	0.217%
53	12.110	1702	1704	1707	rVB	120268	107528	2.58%	0.250%
54	12.174	1712	1715	1718	rBV	348229	330252	7.93%	0.768%
55	12.204	1718	1720	1726	rVB2	262518	276089	6.63%	0.642%
56	12.310	1735	1738	1739	rBV	115071	114709	2.76%	0.267%
57	12.357	1743	1746	1748	rBV	214198	161465	3.88%	0.376%
58	12.380	1748	1750	1753	rVB2	185049	165428	3.97%	0.385%
59	12.433	1755	1759	1762	rBV	590791	615754	14.79%	1.432%
60	12.469	1762	1765	1767	rBV2	247087	260009	6.25%	0.605%
61	12.492	1767	1769	1771	rVB	175394	129398	3.11%	0.301%
62	12.527	1771	1775	1778	rBV2	309162	418996	10.07%	0.975%
63	12.604	1783	1788	1791	rBV	2903337	2601915	62.51%	6.052%
64	12.645	1791	1795	1796	rBV	122606	112381	2.70%	0.261%
65	12.663	1796	1798	1801	rVB2	128747	103183	2.48%	0.240%
66	12.698	1801	1804	1806	rBV2	102067	93014	2.23%	0.216%
67	12.751	1810	1813	1816	rVB2	174146	182168	4.38%	0.424%
68	12.833	1821	1827	1832	rBV	2596294	3130872	75.22%	7.283%
69	12.880	1832	1835	1839	rVB2	222391	275411	6.62%	0.641%
70	12.945	1843	1846	1847	rBV2	115142	117754	2.83%	0.274%
71	12.969	1847	1850	1852	rBV	744529	555943	13.36%	1.293%
72	13.045	1859	1863	1868	rBV3	319666	540430	12.98%	1.257%
73	13.104	1871	1873	1875	rVV	140072	112496	2.70%	0.262%
74	13.133	1875	1878	1880	rVV3	286033	359393	8.63%	0.836%
75	13.157	1880	1882	1885	rVB	481671	473951	11.39%	1.102%
76	13.204	1885	1890	1891	rBV4	98641	111637	2.68%	0.260%

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Misc :
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Instrument :
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PAT-DIS-01-7-10-2023

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.227	1891	1894	1897	rVV	342988	306467	7.36%	0.713%
78	13.263	1897	1900	1904	rVV2	449381	497638	11.96%	1.158%
79	13.357	1913	1916	1919	rBV	366055	324889	7.81%	0.756%
80	13.386	1919	1921	1924	rVV	344413	310188	7.45%	0.722%
81	13.674	1967	1970	1974	rVB	271872	267780	6.43%	0.623%
82	13.786	1984	1989	1991	rBV2	334497	424070	10.19%	0.986%
83	13.810	1991	1993	1995	rVV	216415	164318	3.95%	0.382%
84	13.839	1995	1998	2003	rVV2	129327	220373	5.29%	0.513%
85	13.886	2003	2006	2009	rVB	199269	187001	4.49%	0.435%
86	14.033	2027	2031	2034	rBV2	1140667	1594853	38.32%	3.710%
87	14.068	2034	2037	2044	rVB	1057805	1052905	25.30%	2.449%
88	14.121	2044	2046	2048	rBV	102338	91627	2.20%	0.213%
89	14.186	2055	2057	2063	rBV5	96581	192602	4.63%	0.448%
90	14.427	2094	2098	2101	rBV	338616	346107	8.32%	0.805%
91	14.463	2102	2104	2108	rVB	184004	130301	3.13%	0.303%
92	14.557	2117	2120	2122	rBV2	182643	157783	3.79%	0.367%
93	14.898	2175	2178	2181	rVB2	145933	140568	3.38%	0.327%
94	15.104	2209	2213	2220	rVB	524080	931999	22.39%	2.168%
95	15.210	2229	2231	2235	rBV	87763	98408	2.36%	0.229%
96	15.415	2263	2266	2272	rVB	326520	425090	10.21%	0.989%
97	15.486	2273	2278	2284	rVB	463040	604598	14.53%	1.406%
98	15.545	2285	2288	2291	rBV	218324	269435	6.47%	0.627%
99	17.092	2547	2551	2561	rVB2	174459	372899	8.96%	0.867%
100	17.562	2627	2631	2638	rVB	139721	263554	6.33%	0.613%

Sum of corrected areas: 42989563

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
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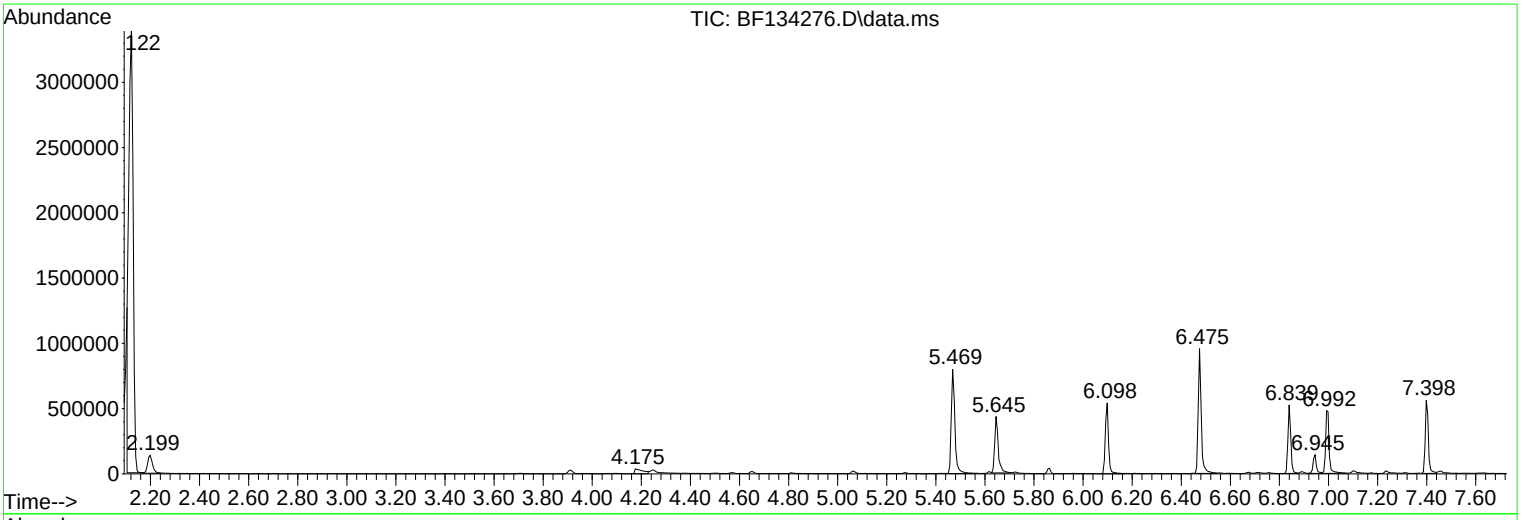
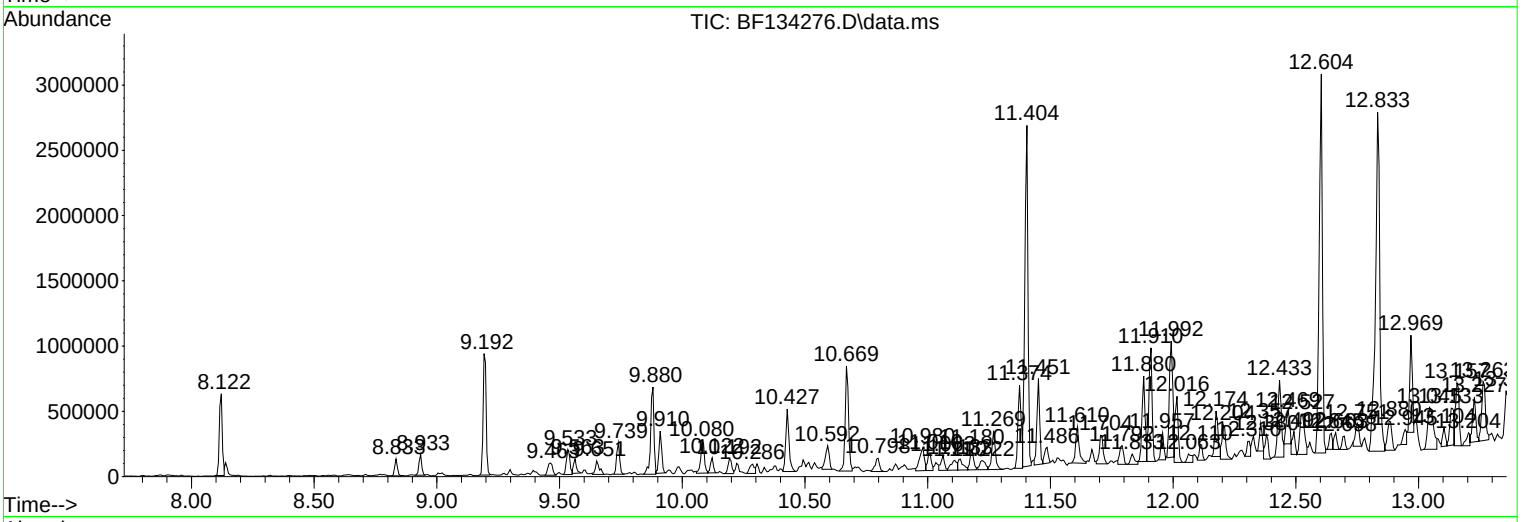
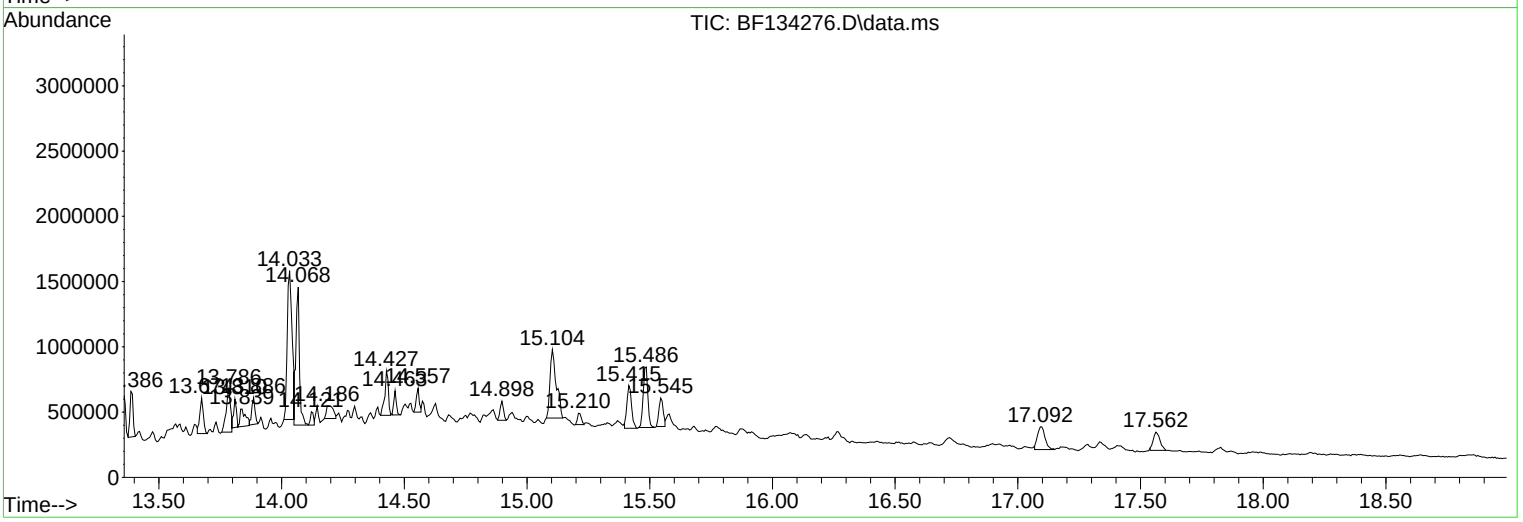
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-7-10-2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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\BF071323\
Data File : BF134276.D
Acq On : 13 Jul 2023 23:18
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Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-7-10-2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

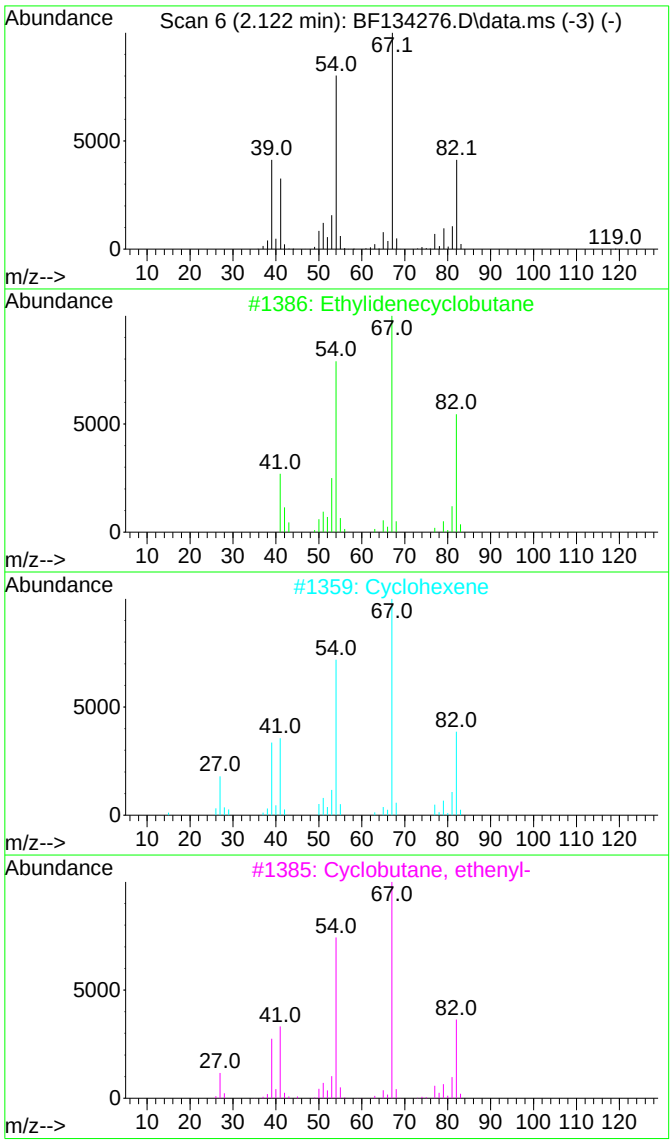
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

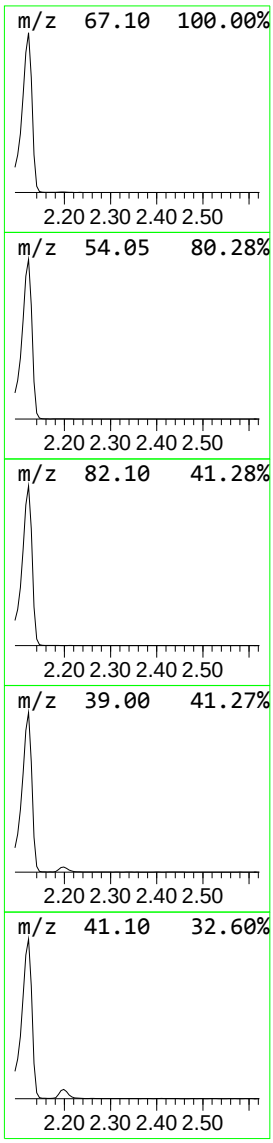
****

Peak Number 1 Ethylidenecyclobutane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	198.91 ng	4162240	1,4-Dichlorobenzene-d4	6.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylidenecyclobutane	82	C6H10	001528-21-8	91
2	Cyclohexene	82	C6H10	000110-83-8	90
3	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	90
4	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	42
5	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	38





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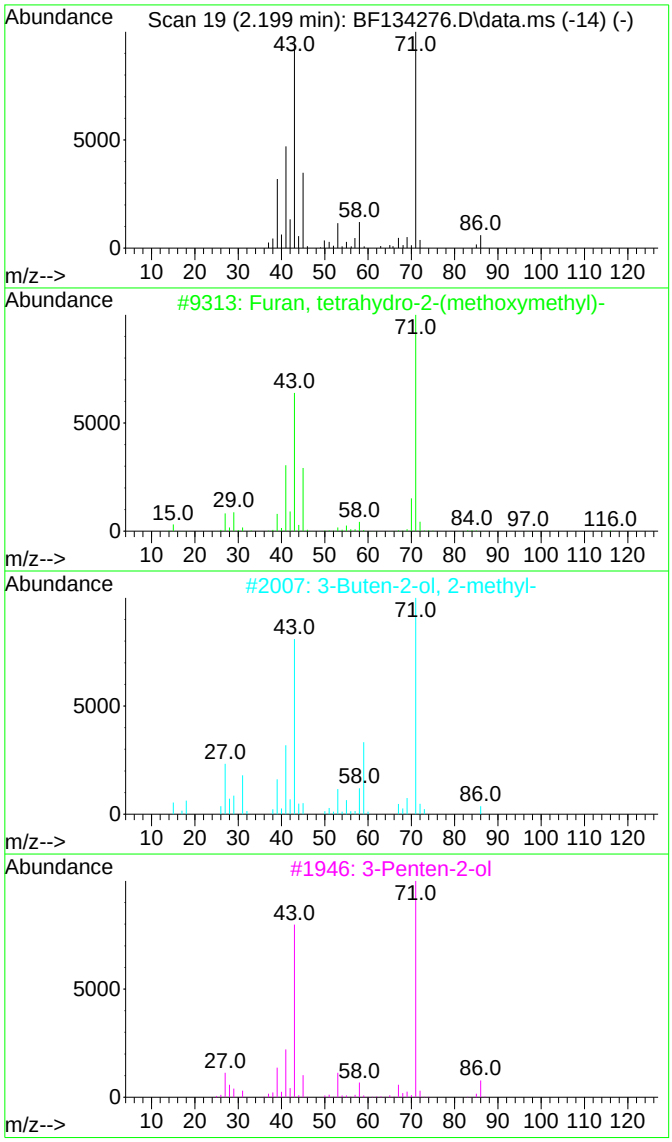
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

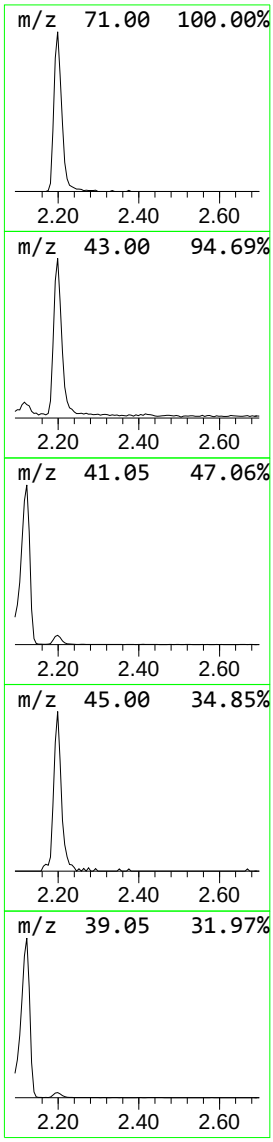
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Furan, tetrahydro-2-(methox... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.199	9.17 ng	191836	1,4-Dichlorobenzene-d4	6.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	72
2	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	59
3	3-Penten-2-ol	86	C5H10O	001569-50-2	59
4	1,6-Heptadien-4-ol	112	C7H12O	002883-45-6	45
5	2-Furanmethanol, tetrahydro-	102	C5H10O2	000097-99-4	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

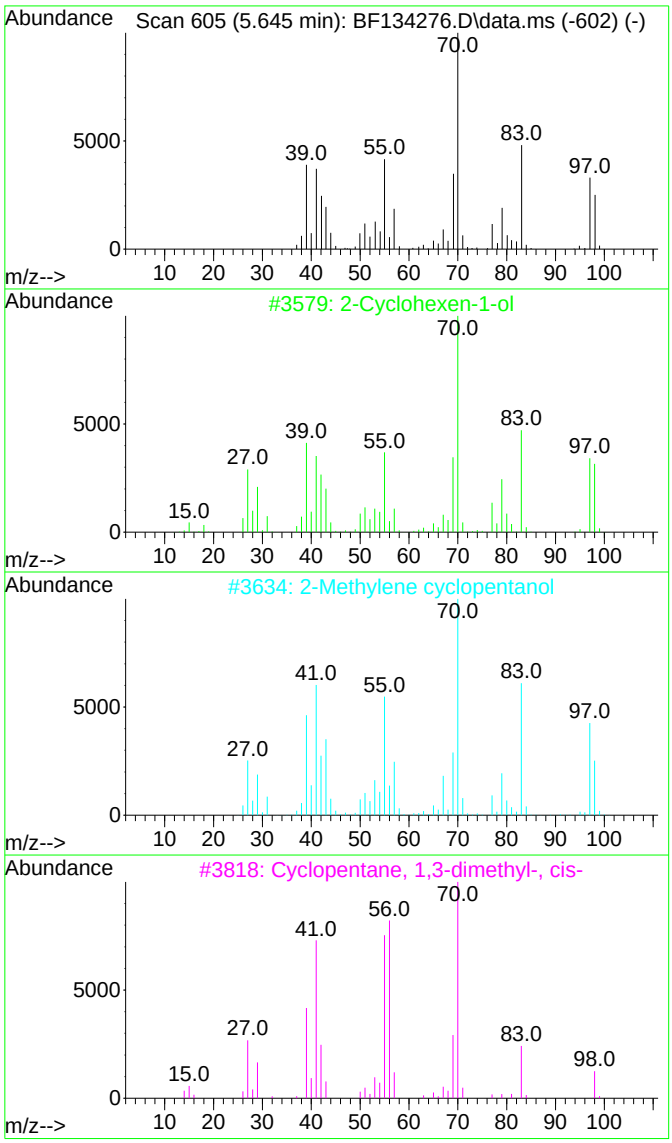
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

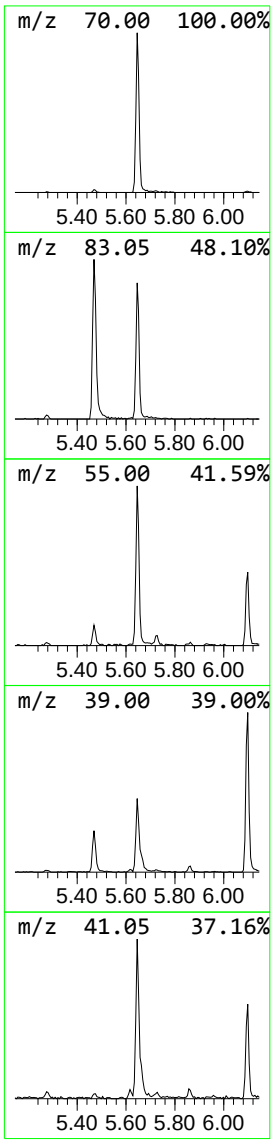
****

Peak Number 3 2-Cyclohexen-1-ol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.645	20.90 ng	437352	1,4-Dichlorobenzene-d4	6.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	96
2	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	93
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	40
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	38
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	38





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

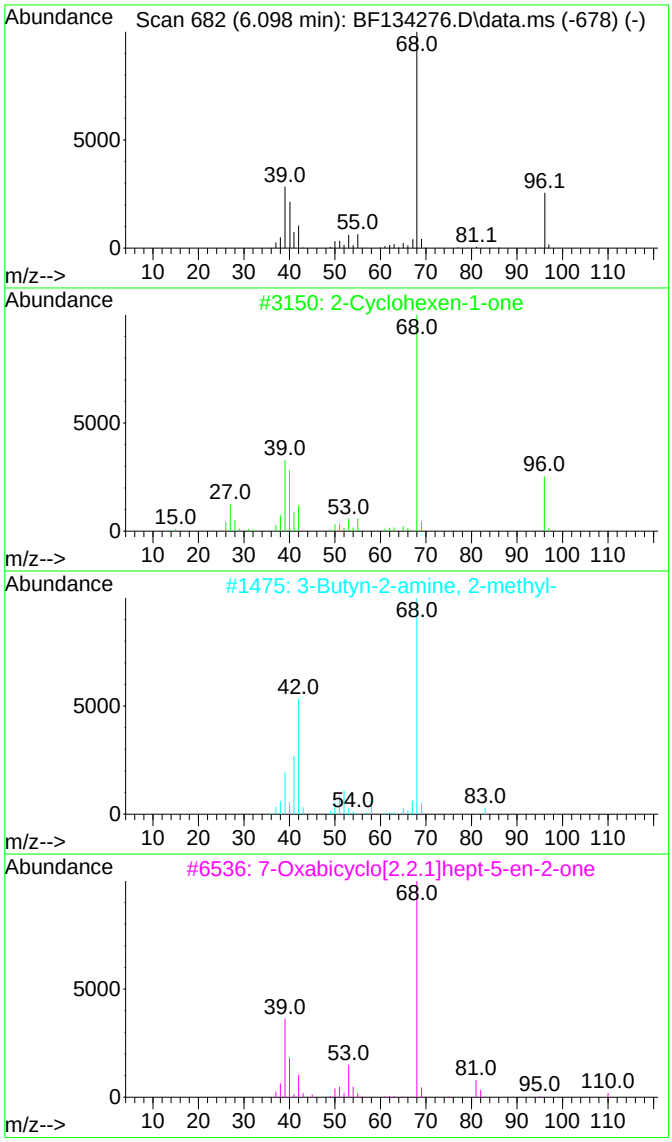
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

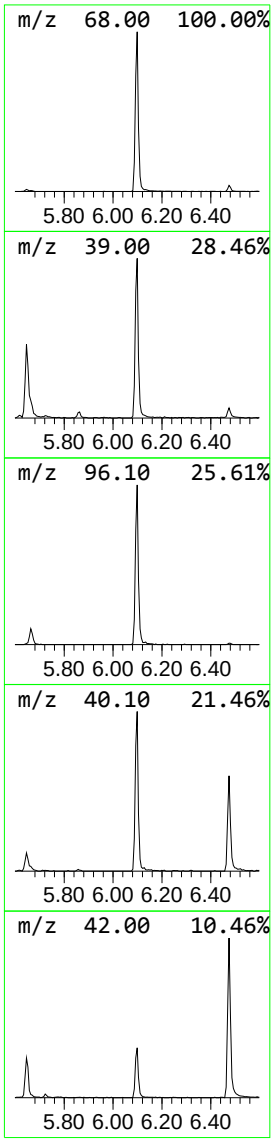
****

Peak Number 4 2-Cyclohexen-1-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.098	23.44 ng	490408	1,4-Dichlorobenzene-d4	6.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	94
2	3-Butyn-2-amine, 2-methyl-	83	C5H9N	002978-58-7	45
3	7-Oxabicyclo[2.2.1]hept-5-en-2-one	110	C6H6O2	095530-78-2	42
4	1-Pentyn-3-amine, 3-methyl-	97	C6H11N	018369-96-5	38
5	1H-Pyrazole	68	C3H4N2	000288-13-1	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
Data File : BF134276.D
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Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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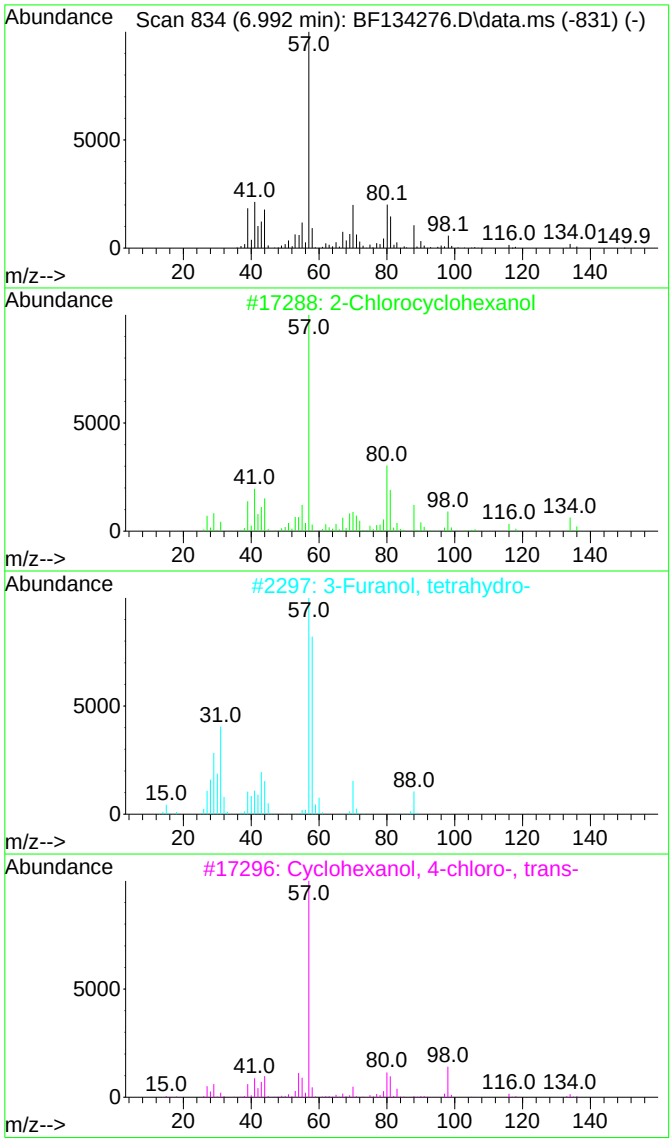
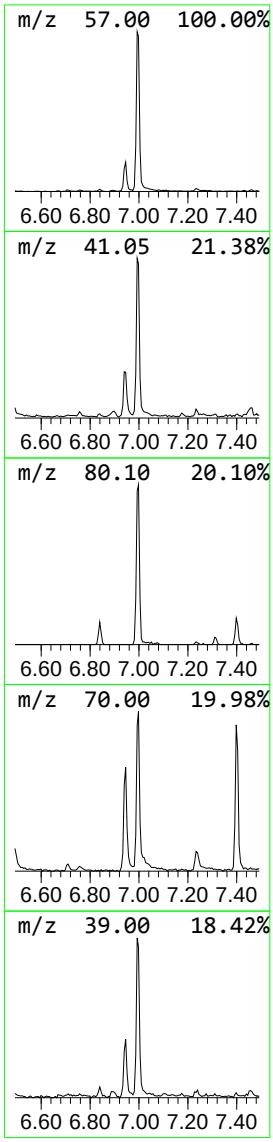
Peak Number 5 2-Chlorocyclohexanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.992	22.31 ng	466754	1,4-Dichlorobenzene-d4	6.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	70
2	3-Furanol, tetrahydro-	88	C4H8O2	000453-20-3	43
3	Cyclohexanol, 4-chloro-, trans-	134	C6H11ClO	029538-77-0	32
4	Cyclohexanol, 2-chloro-, trans-	134	C6H11ClO	006628-80-4	27
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	23





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Acq On : 13 Jul 2023 23:18
Operator : CG\JU
Sample : 03565-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PAT-DIS-01-7-10-2023

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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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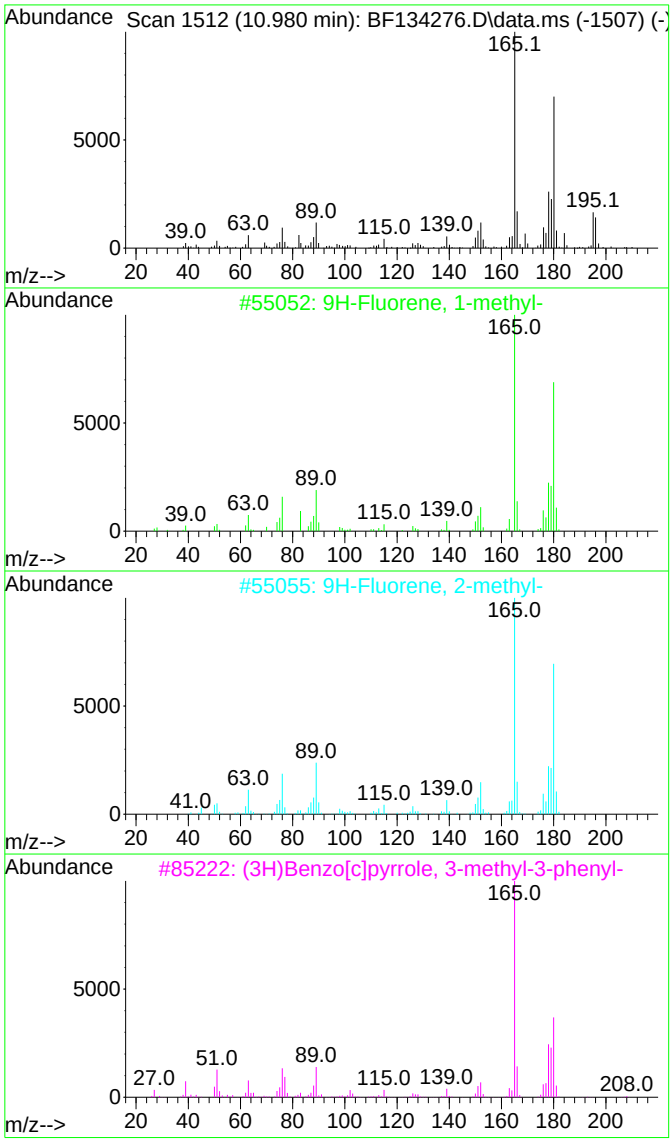
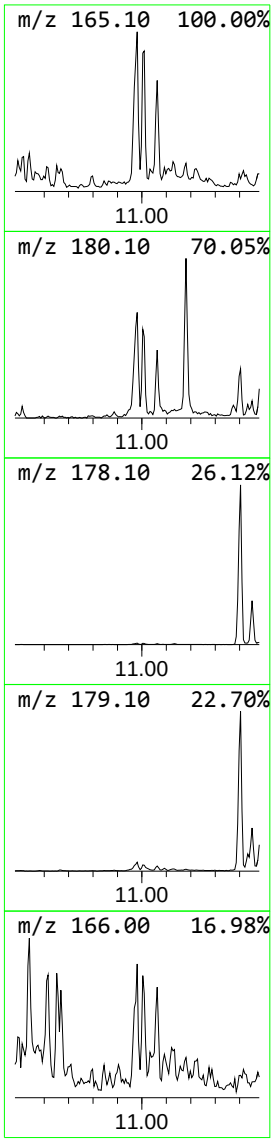
Peak Number 6 9H-Fluorene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.980	7.68 ng	235002	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	94
3	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	90
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83





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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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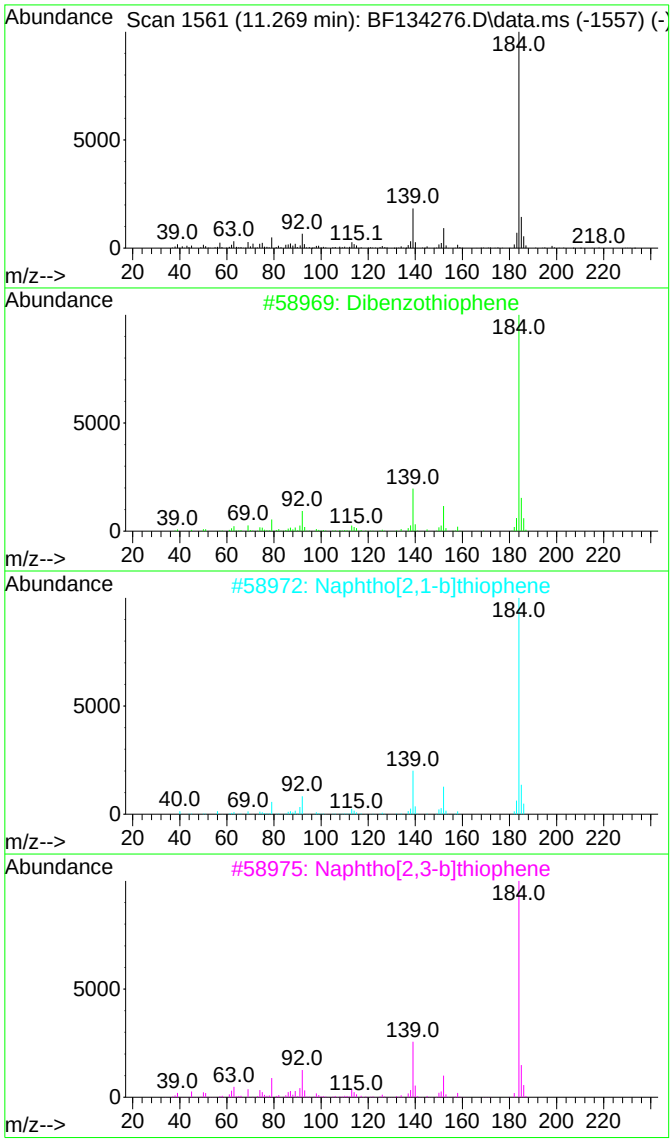
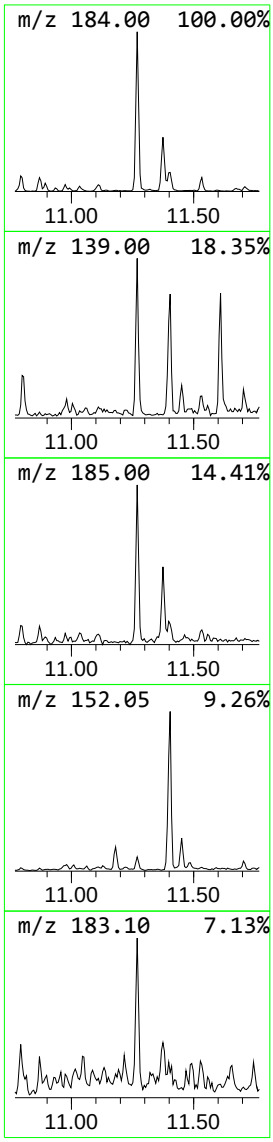
Peak Number 7 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.269	9.45 ng	289338	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87





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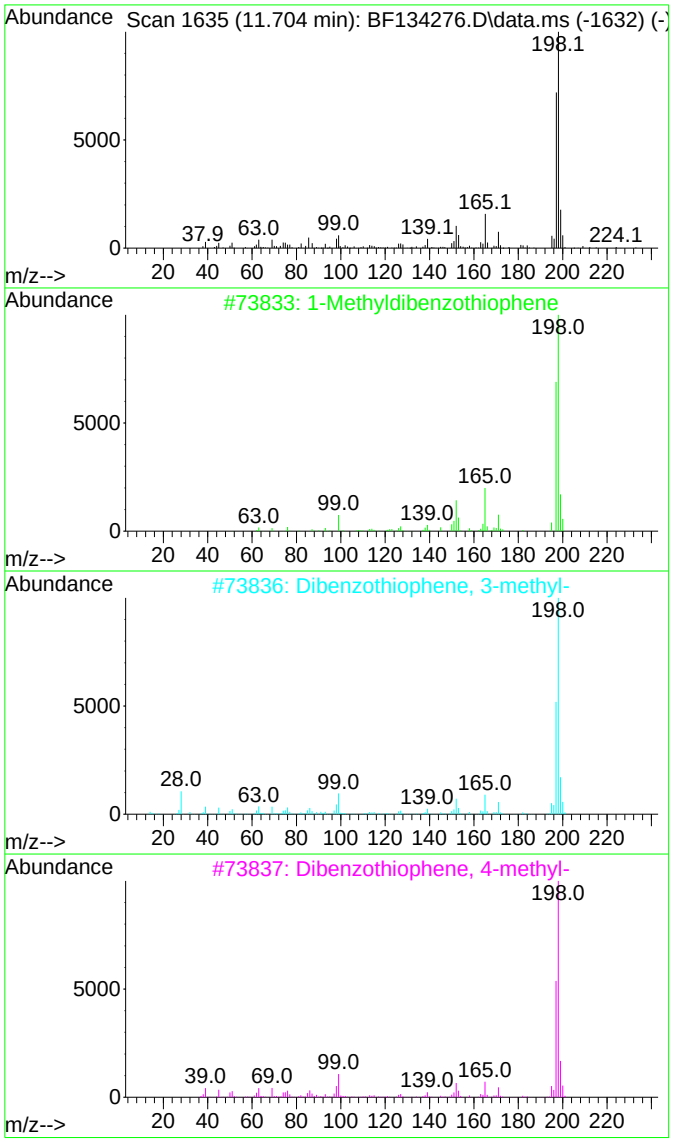
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

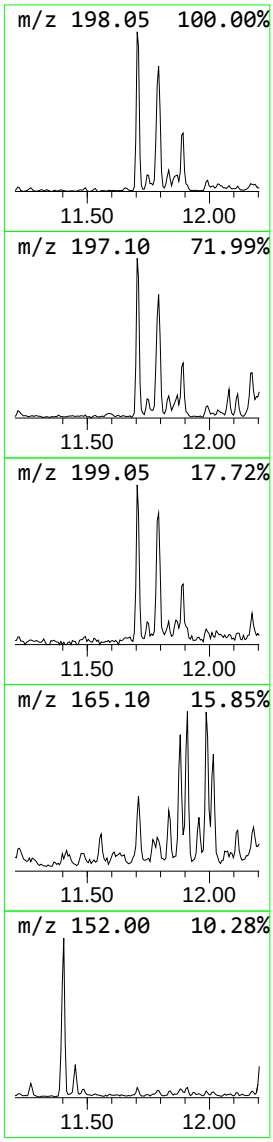
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1-Methyldibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.704	7.75 ng	237313	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	97
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	96
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	96
4	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	95
5	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	95





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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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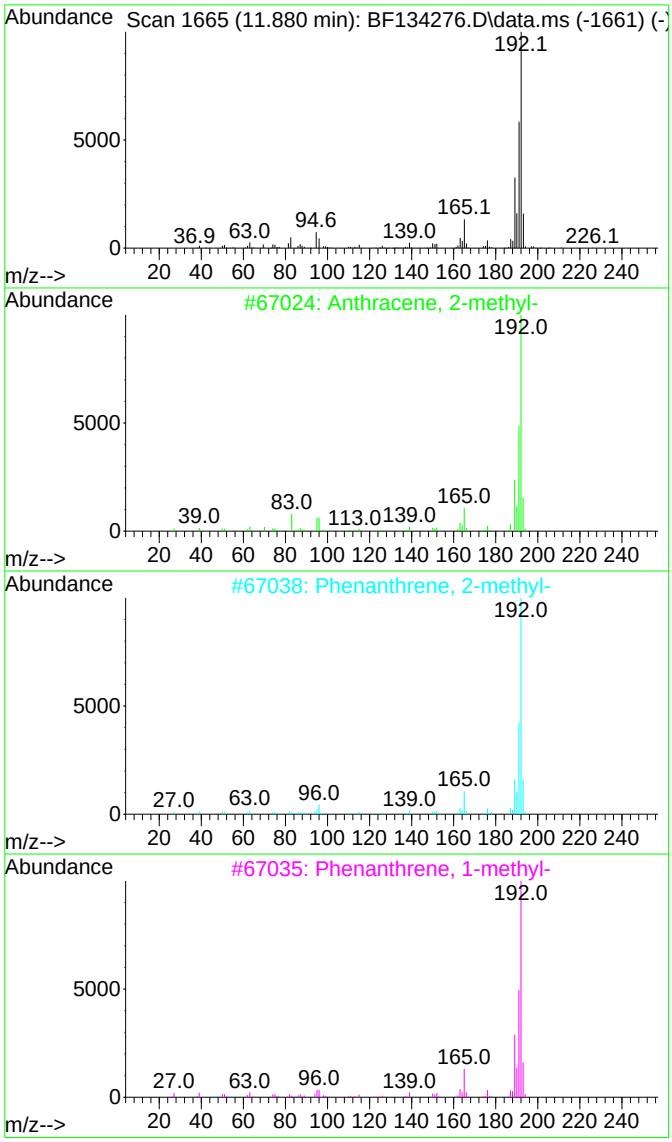
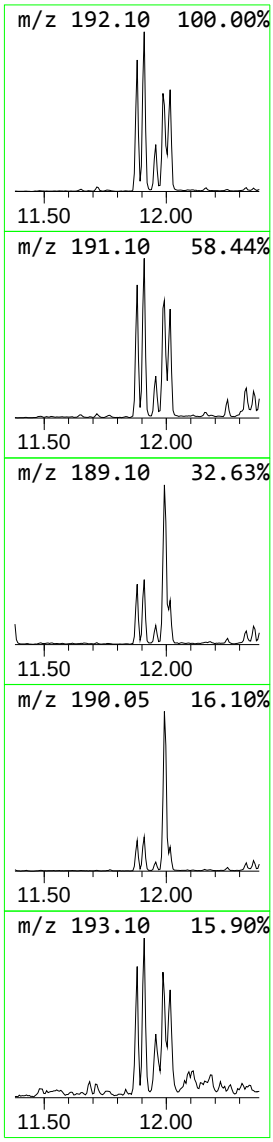
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	19.03 ng	582403	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





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ALS Vial : 18 Sample Multiplier: 1

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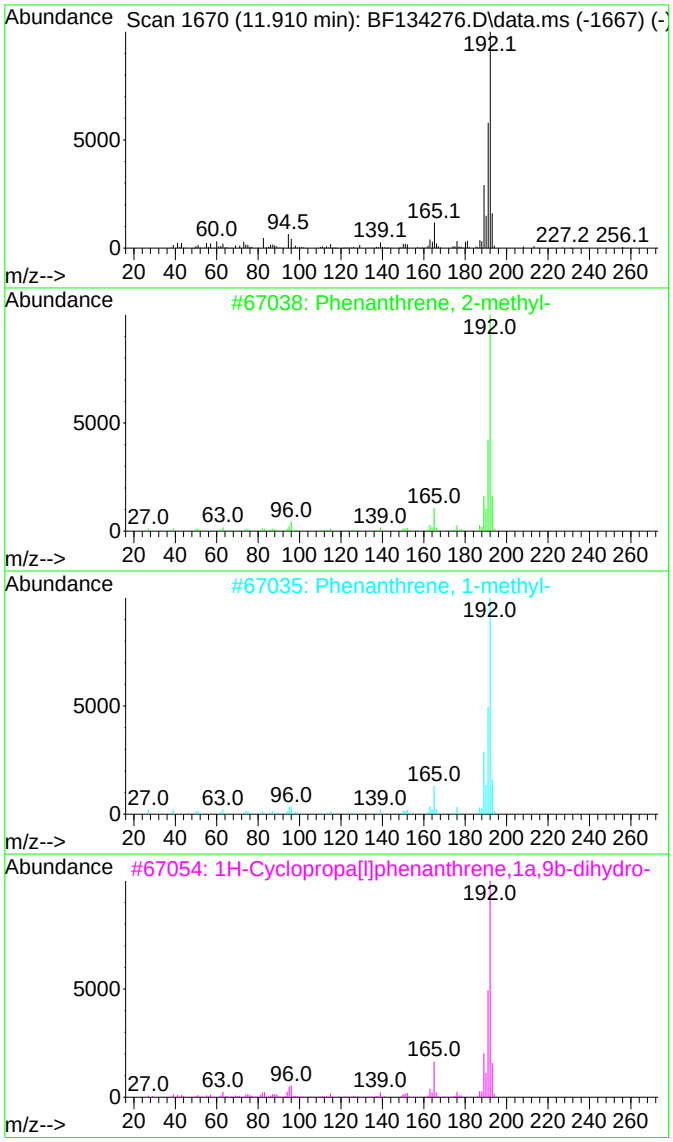
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

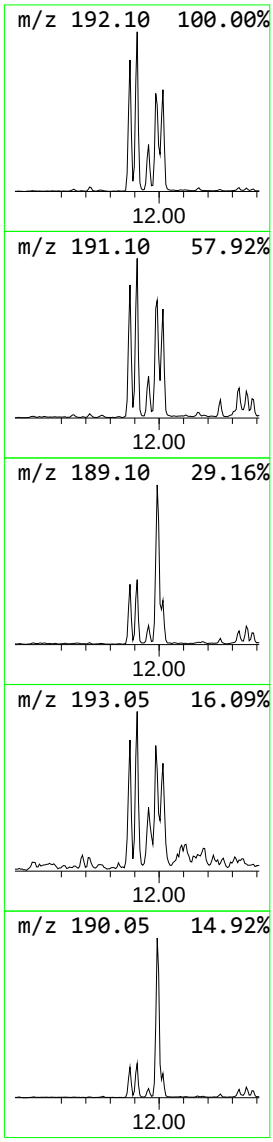
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	25.65 ng	784918	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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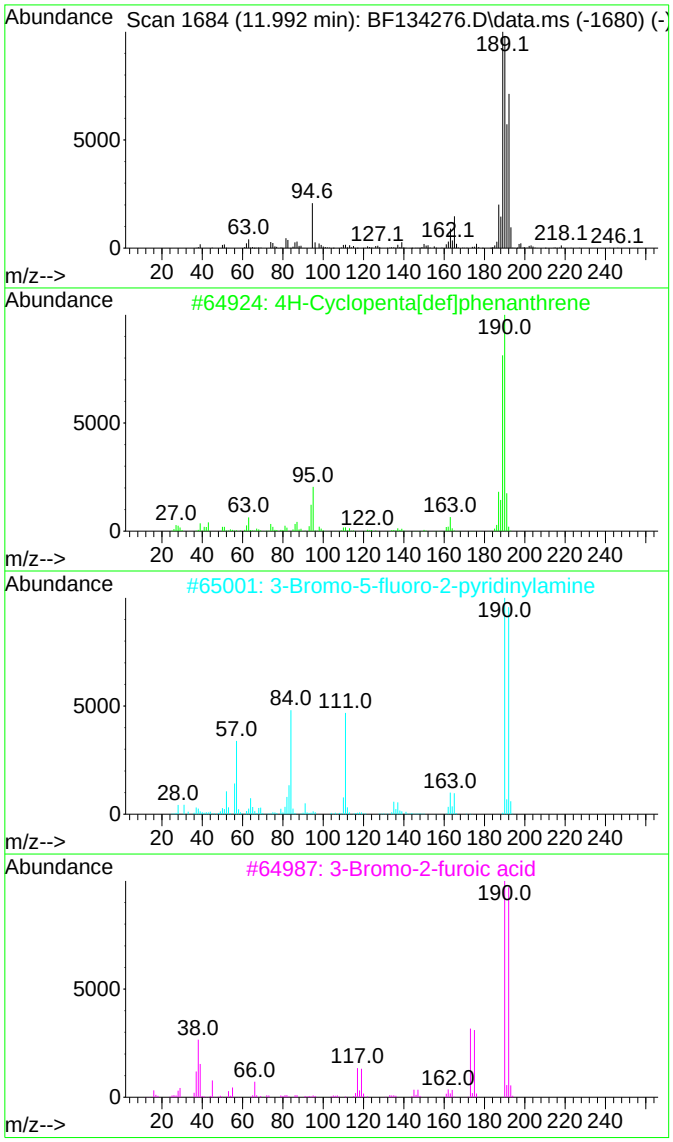
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

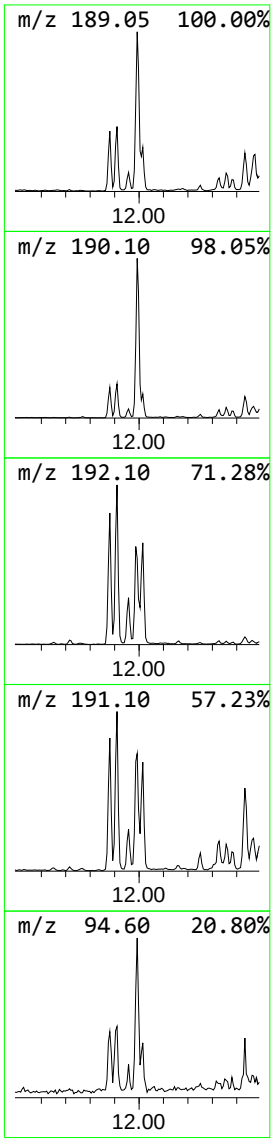
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	29.53 ng	903850	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	3-Bromo-5-fluoro-2-pyridinylamine	190	C5H4BrFN2	869557-43-7	35
3	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22





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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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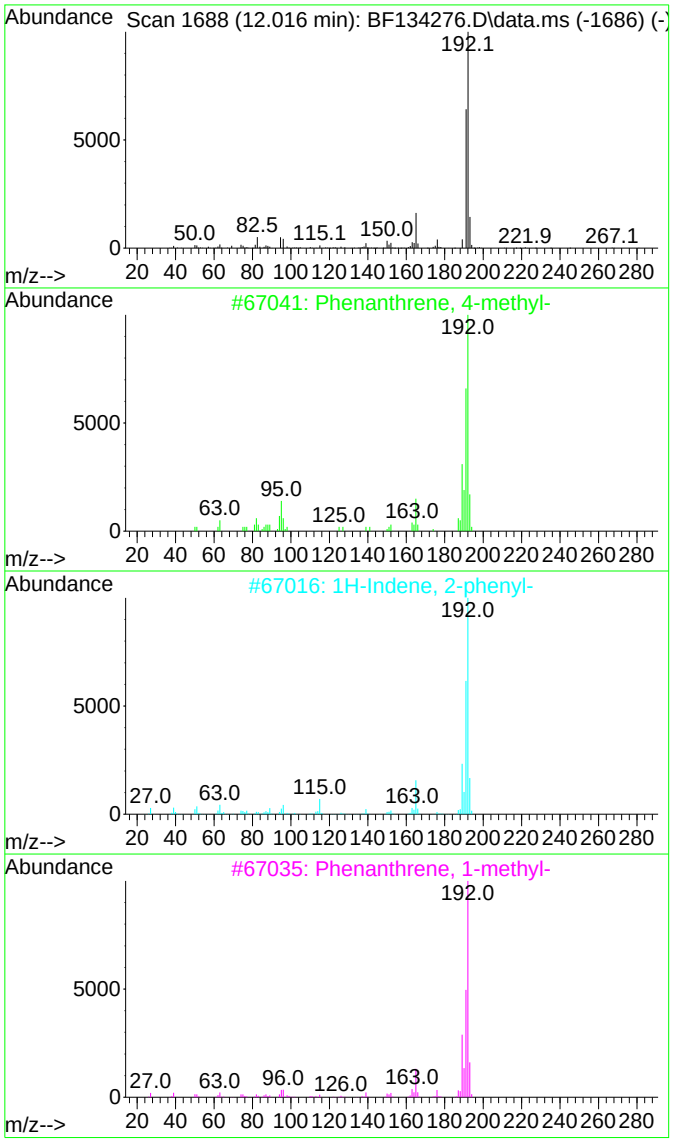
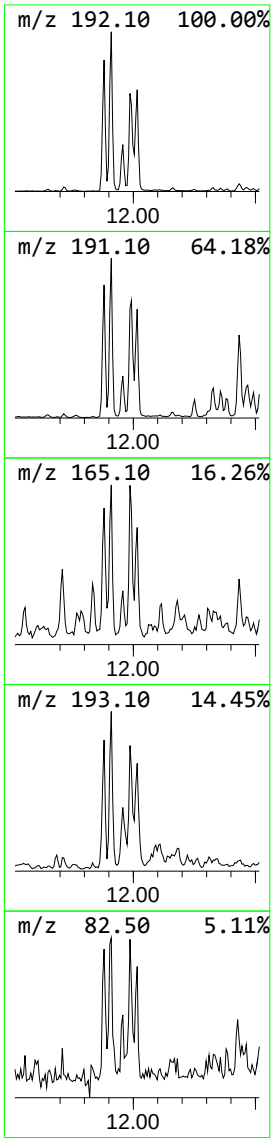
Peak Number 12 Phenanthrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	13.44 ng	411311	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87





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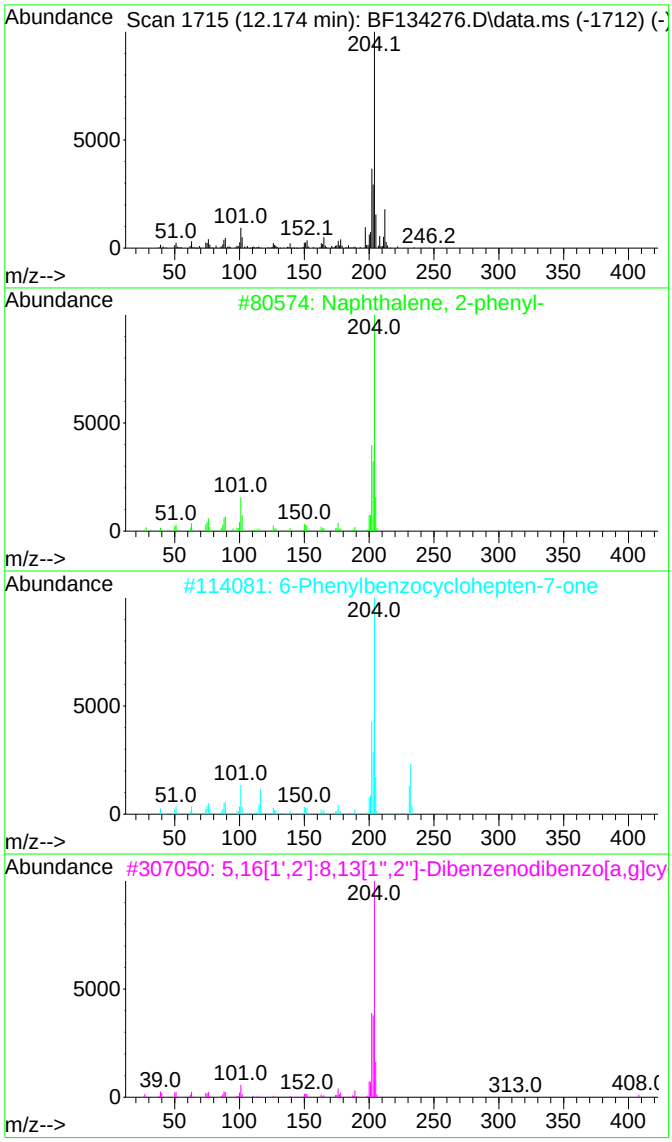
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

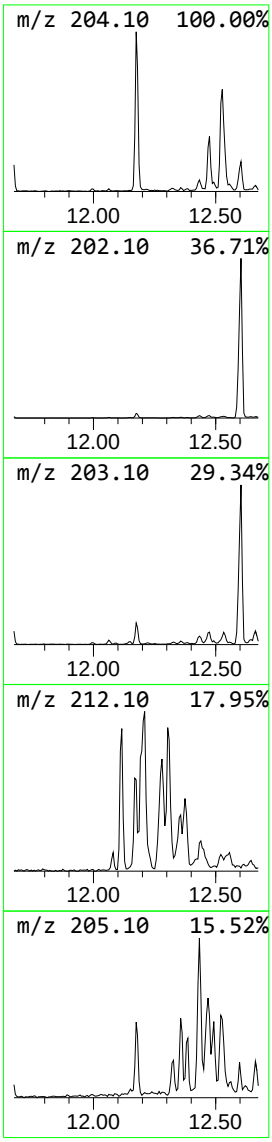
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.174	10.79 ng	330252	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	72
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	55





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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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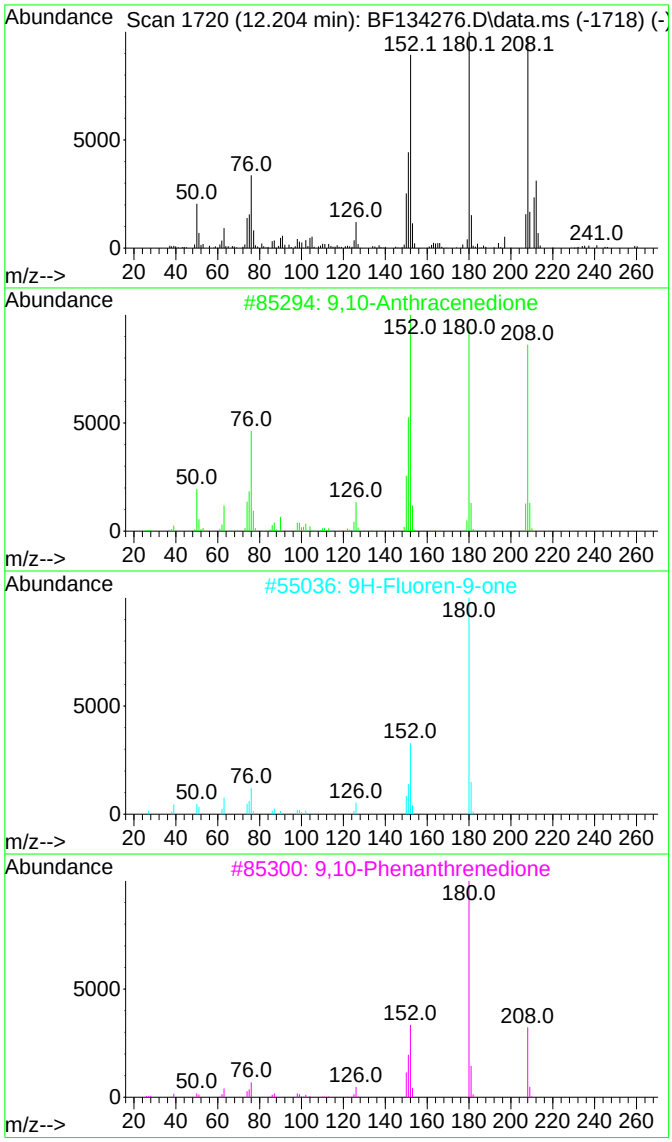
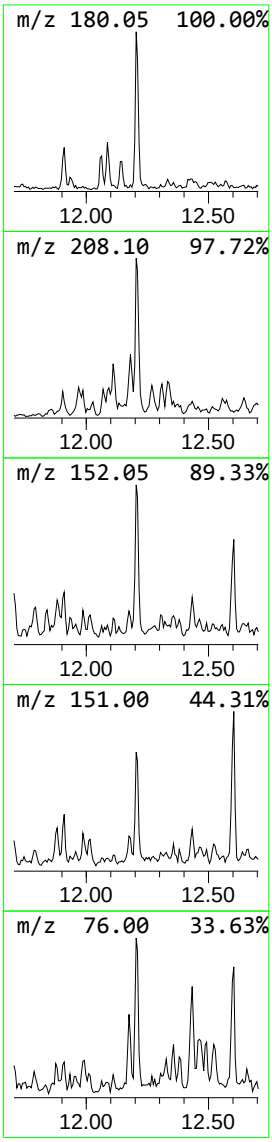
Peak Number 14 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.204	9.02 ng	276089	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53





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

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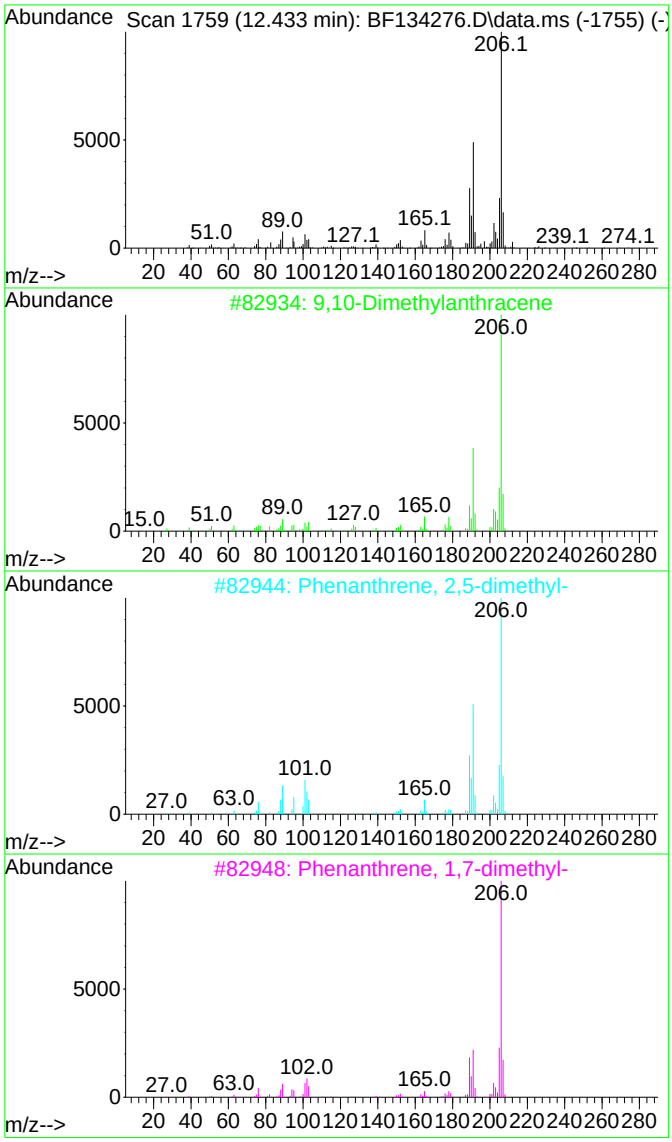
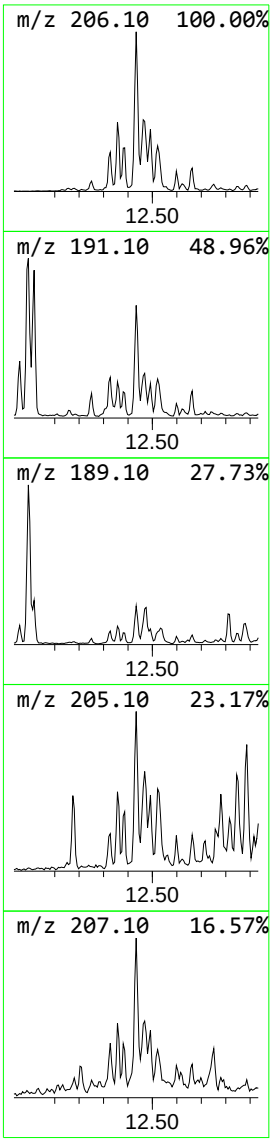
Peak Number 15 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	20.12 ng	615754	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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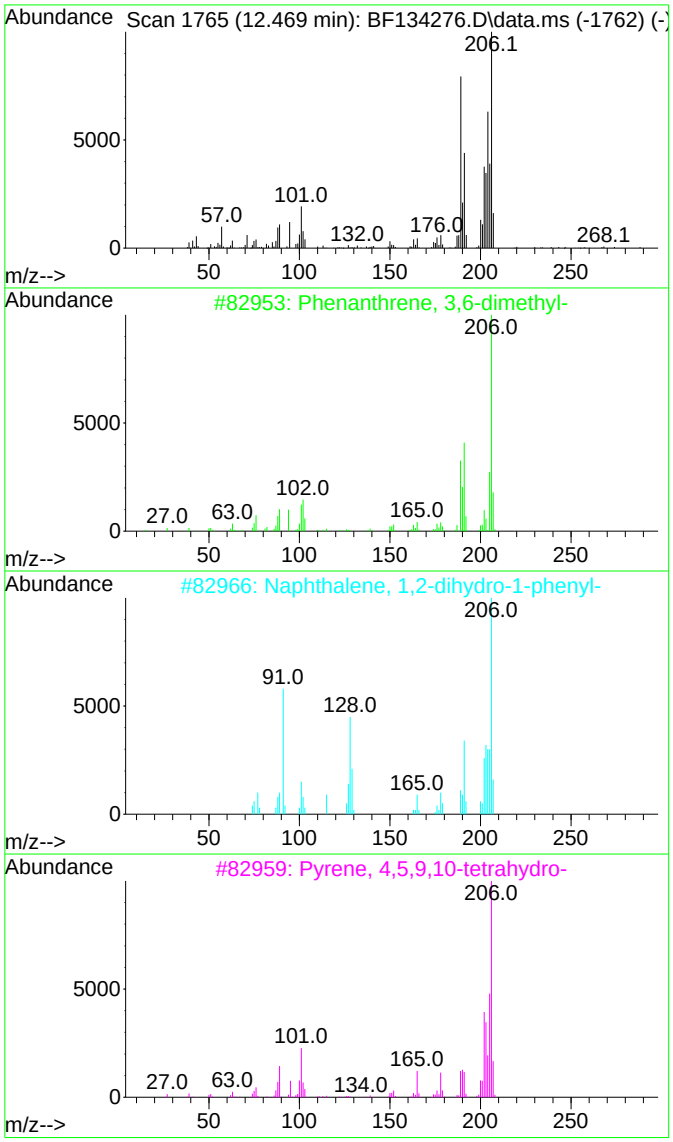
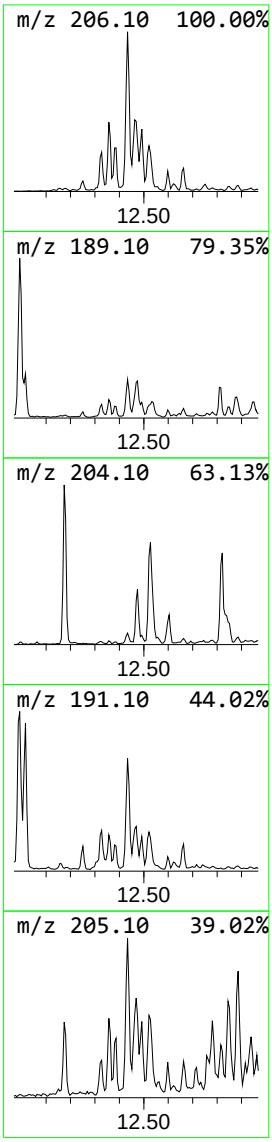
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	8.50 ng	260009	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
2	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	55
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	46
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	46
5	2,4-Dichloro-5-ethyl-3-methylphenol	204	C9H10Cl2O	001570-75-8	46





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Data File : BF134276.D
Acq On : 13 Jul 2023 23:18
Operator : CG\JU
Sample : 03565-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-7-10-2023

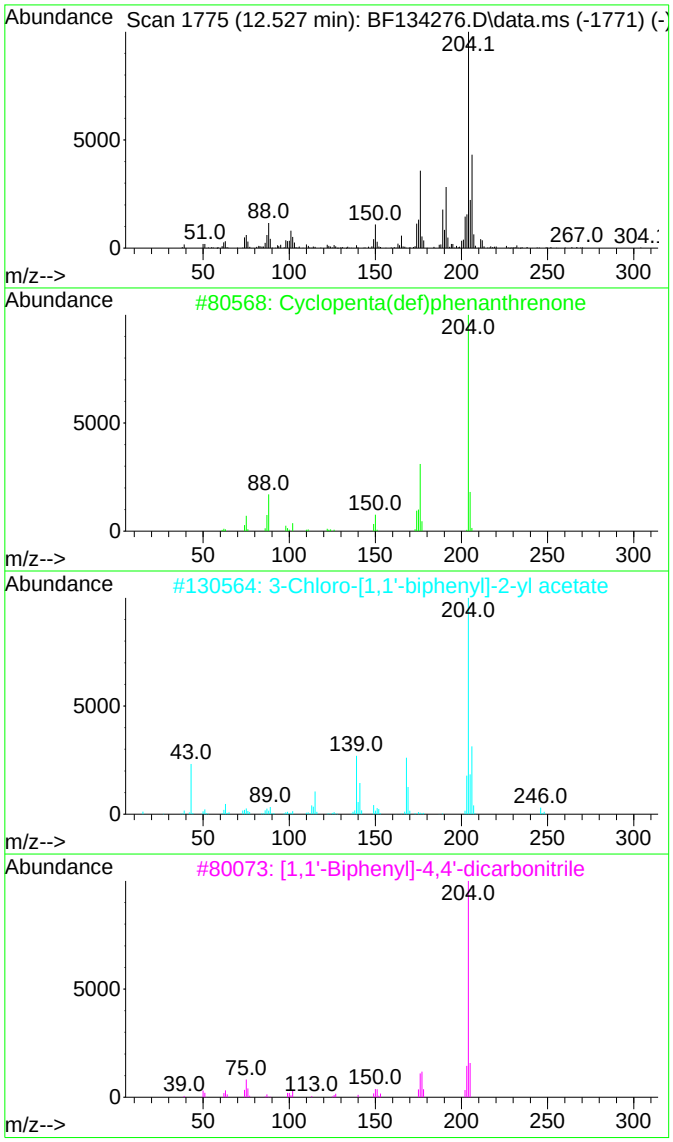
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

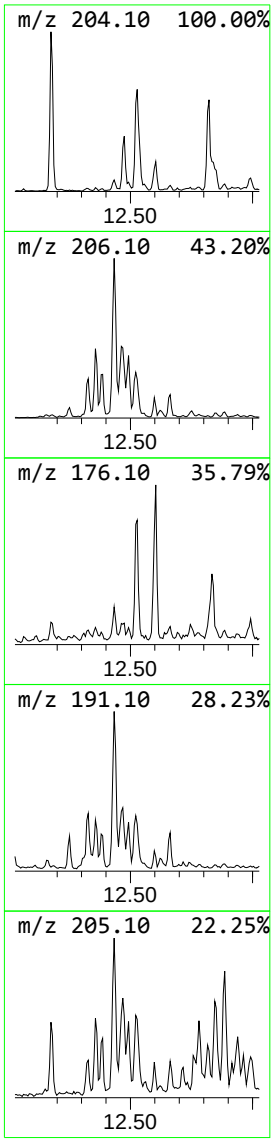
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.527	13.69 ng	418996	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	3-Chloro-[1,1'-biphenyl]-2-yl ac...	246	C14H11ClO2	007460-70-0	53
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	49
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	49





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Data File : BF134276.D
Acq On : 13 Jul 2023 23:18
Operator : CG\JU
Sample : 03565-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-7-10-2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

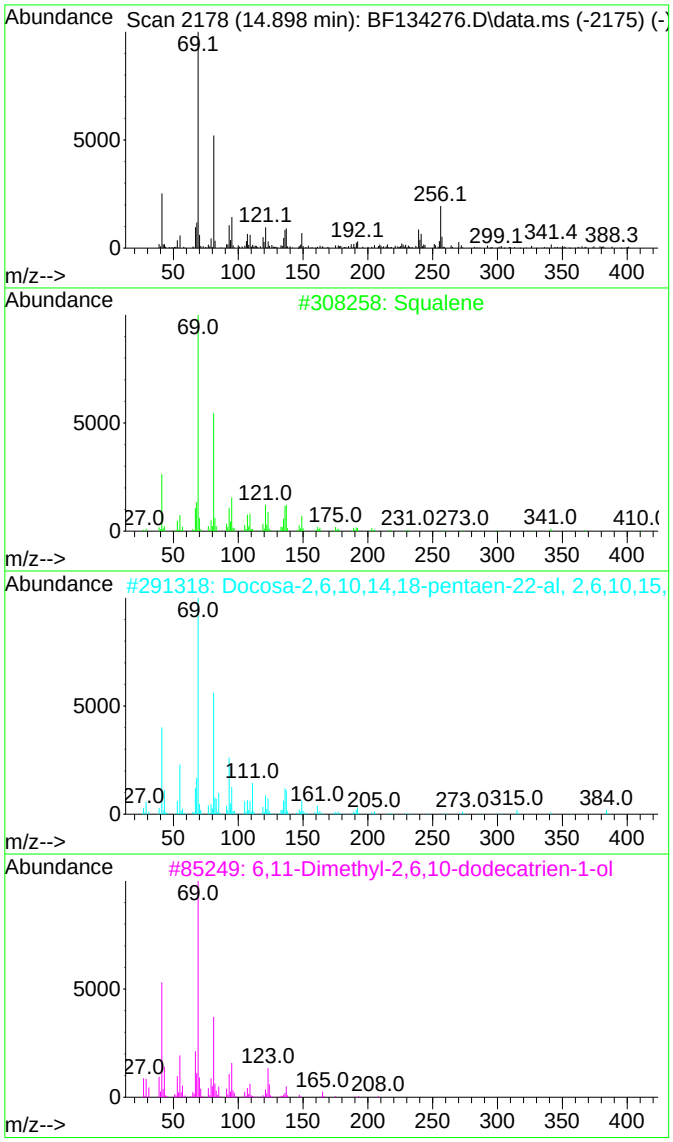
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

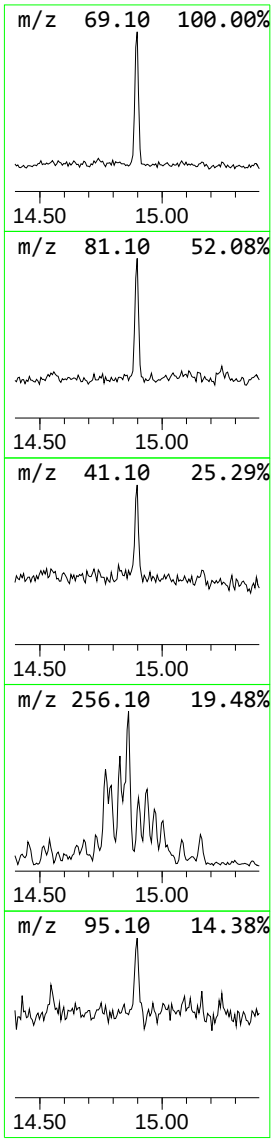
****

Peak Number 18 Squalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.898	10.43 ng	140568	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	76
2	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	59
3	6,11-Dimethyl-2,6,10-dodecatrien...	208	C14H24O	1000196-53-3	58
4	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	58
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
Data File : BF134276.D
Acq On : 13 Jul 2023 23:18
Operator : CG\JU
Sample : 03565-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-7-10-2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

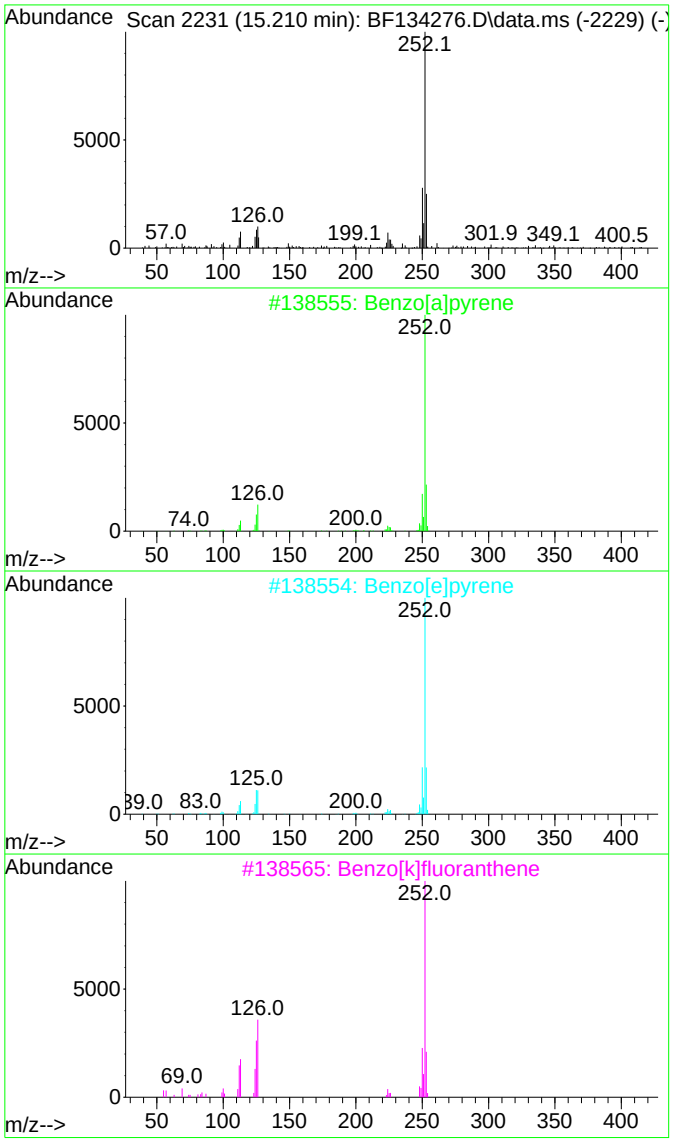
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

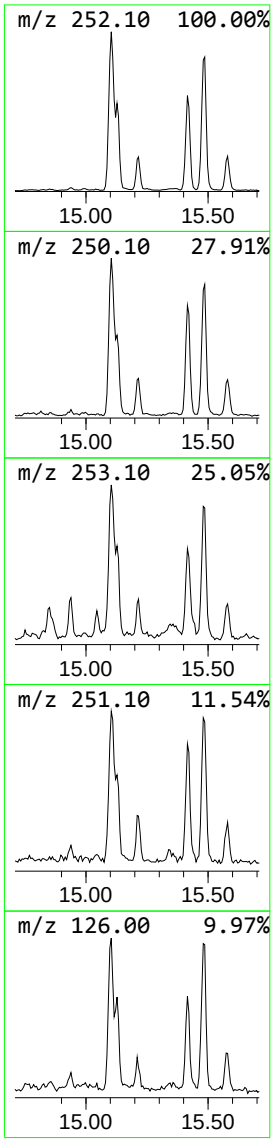
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	7.30 ng	98408	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	89
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
5	Perylene	252	C20H12	000198-55-0	81





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Data File : BF134276.D
Acq On : 13 Jul 2023 23:18
Operator : CG\JU
Sample : 03565-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-7-10-2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

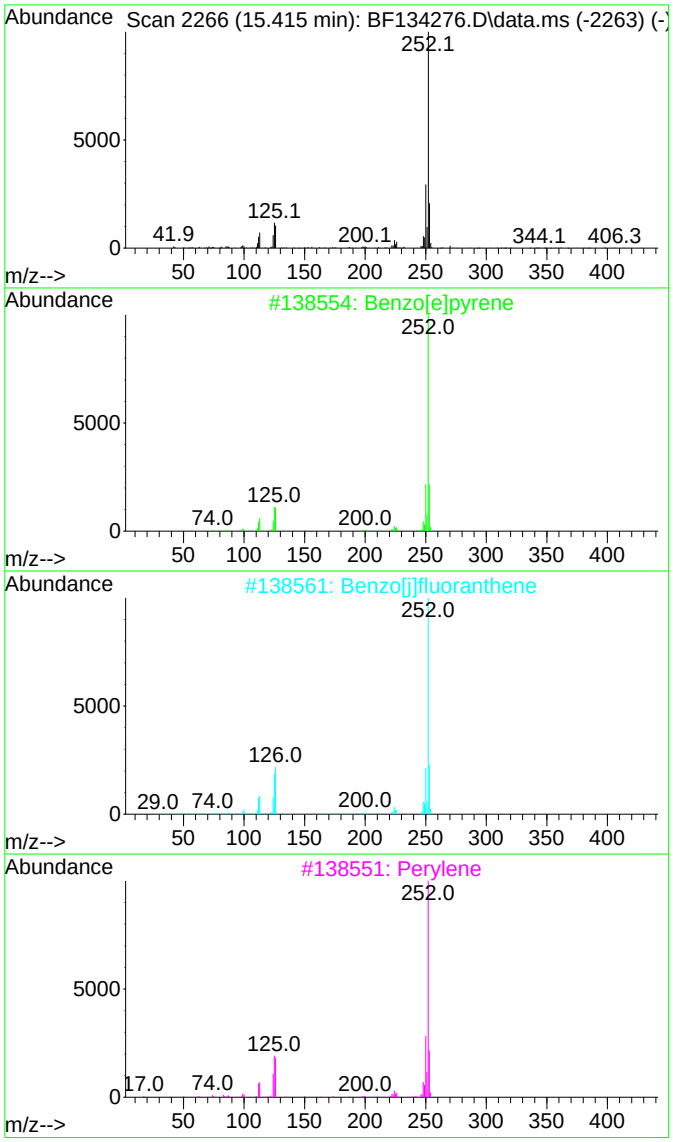
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

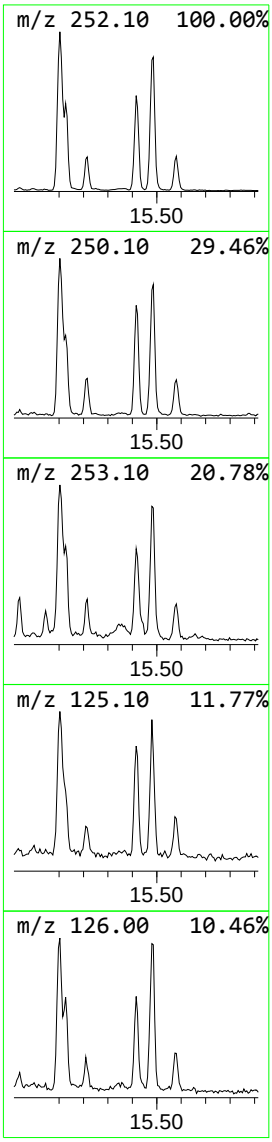
****

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.415	31.55 ng	425090	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
Data File : BF134276.D
Acq On : 13 Jul 2023 23:18
Operator : CG\JU
Sample : 03565-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-7-10-2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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
Ethylidenecyclo...	2.122	198.9	ng	4162240	1	6.839	418508	20.0
Furan, tetrahyd...	2.199	9.2	ng	191836	1	6.839	418508	20.0
2-Cyclohexen-1-ol	5.645	20.9	ng	437352	1	6.839	418508	20.0
2-Cyclohexen-1-one	6.098	23.4	ng	490408	1	6.839	418508	20.0
2-Chlorocyclohe...	6.992	22.3	ng	466754	1	6.839	418508	20.0
9H-Fluorene, 1-...	10.980	7.7	ng	235002	4	11.374	612096	20.0
Dibenzothiophene	11.269	9.4	ng	289338	4	11.374	612096	20.0
1-Methyldibenzo...	11.704	7.8	ng	237313	4	11.374	612096	20.0
Anthracene, 2-m...	11.880	19.0	ng	582403	4	11.374	612096	20.0
Phenanthrene, 2...	11.910	25.6	ng	784918	4	11.374	612096	20.0
4H-Cyclopenta[d...	11.992	29.5	ng	903850	4	11.374	612096	20.0
Phenanthrene, 4...	12.016	13.4	ng	411311	4	11.374	612096	20.0
Naphthalene, 2-...	12.174	10.8	ng	330252	4	11.374	612096	20.0
9,10-Anthracene...	12.204	9.0	ng	276089	4	11.374	612096	20.0
9,10-Dimethylan...	12.433	20.1	ng	615754	4	11.374	612096	20.0
Phenanthrene, 3...	12.469	8.5	ng	260009	4	11.374	612096	20.0
Cyclopenta(def)...	12.527	13.7	ng	418996	4	11.374	612096	20.0
Squalene	14.898	10.4	ng	140568	6	15.545	269435	20.0
Benzo[e]pyrene	15.210	7.3	ng	98408	6	15.545	269435	20.0
Benzo[j]fluoran...	15.415	31.6	ng	425090	6	15.545	269435	20.0