LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
Data File : BF139121.D
Acq On : 22 Aug 2024 14:20
Operator : RC/JU
Sample : P3641-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-909-K1-0.5-1.0-081524

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-BF082024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139121.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.222	13	22	28	rVB	1032191	1645727	64.09%	3.593%
2	3.416	218	225	242	rBV	30425	72065	2.81%	0.157%
3	5.122	505	515	527	rVB	85887	135190	5.27%	0.295%
4	5.516	576	582	587	rBV	1487649	1966072	76.57%	4.292%
5	6.181	690	695	700	rBV	381264	466386	18.16%	1.018%
6	6.351	717	724	733	rBV	40043	53297	2.08%	0.116%
7	6.516	746	752	758	rBV	1442777	2012145	78.36%	4.393%
8	6.898	812	817	822	rVB	522632	637920	24.84%	1.393%
9	7.051	839	843	848	rVB	51836	64646	2.52%	0.141%
10	7.457	905	912	917	rBV	1009484	1275789	49.69%	2.785%
11	7.881	972	984	990	rBV	77800	162681	6.34%	0.355%
12	8.181	1029	1035	1043	rBV	636716	807175	31.44%	1.762%
13	8.487	1083	1087	1096	rBV	58707	77779	3.03%	0.170%
14	9.134	1193	1197	1200	rBV	32336	39392	1.53%	0.086%
15	9.251	1212	1217	1222	rBV	1703337	2190001	85.29%	4.781%
16	9.375	1232	1238	1247	rVB2	79439	125924	4.90%	0.275%
17	9.469	1247	1254	1259	rBV	28195	45120	1.76%	0.099%
18	9.592	1267	1275	1278	rBV3	37069	56053	2.18%	0.122%
19	9.634	1278	1282	1288	rVB	62830	78207	3.05%	0.171%
20	9.786	1304	1308	1314	rBV3	73095	105832	4.12%	0.231%
21	9.845	1314	1318	1324	rVV3	43364	71149	2.77%	0.155%
22	9.910	1324	1329	1331	rVV	1074242	1393937	54.29%	3.043%
23	9.934	1331	1333	1336	rVV	648452	707385	27.55%	1.544%
24	9.963	1336	1338	1345	rVV4	101970	167673	6.53%	0.366%
25	10.028	1345	1349	1351	rVV	49802	74816	2.91%	0.163%
26	10.057	1351	1354	1358	rVV2	102978	157756	6.14%	0.344%
27	10.092	1358	1360	1364	rVV2	33357	36770	1.43%	0.080%
28	10.134	1364	1367	1376	rVB2	26753	42275	1.65%	0.092%
29	10.481	1422	1426	1431	rVB	39294	53071	2.07%	0.116%
30	10.657	1447	1456	1461	rBV	237984	353129	13.75%	0.771%
31	10.716	1461	1466	1471	rVV	896601	1184118	46.12%	2.585%
32	10.839	1484	1487	1495	rVB	36435	48624	1.89%	0.106%
33	10.933	1495	1503	1506	rBV8	15387	36415	1.42%	0.079%
34	11.222	1547	1552	1556	rVB	43963	59734	2.33%	0.130%
35	11.316	1565	1568	1572	rVB	42197	50453	1.96%	0.110%
36	11.363	1572	1576	1580	rBV3	26113	46447	1.81%	0.101%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
Data File : BF139121.D
Acq On : 22 Aug 2024 14:20
Operator : RC/JU
Sample : P3641-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-909-K1-0.5-1.0-081524

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-BF082024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.422	1580	1586	1587	rVV	503958	657025	25.59%	1.434%
38	11.445	1587	1590	1594	rVV	805843	1007078	39.22%	2.199%
39	11.492	1594	1598	1601	rVV	106592	145524	5.67%	0.318%
40	11.528	1601	1604	1609	rVV	47400	63546	2.47%	0.139%
41	11.645	1618	1624	1631	rBV	110377	157197	6.12%	0.343%
42	11.716	1632	1636	1639	rBV	23532	37180	1.45%	0.081%
43	11.916	1665	1670	1672	rVV2	75789	117223	4.57%	0.256%
44	11.945	1672	1675	1681	rVV	347281	496052	19.32%	1.083%
45	12.033	1685	1690	1698	rVB	154753	271456	10.57%	0.593%
46	12.122	1698	1705	1712	rBV8	30655	77341	3.01%	0.169%
47	12.233	1717	1724	1729	rVB2	221170	354895	13.82%	0.775%
48	12.469	1760	1764	1767	rBV	46100	60024	2.34%	0.131%
49	12.551	1774	1778	1784	rVB2	84944	121588	4.74%	0.265%
50	12.633	1786	1792	1799	rBV	1769732	2567707	100.00%	5.606%
51	12.733	1805	1809	1815	rBV3	90099	159850	6.23%	0.349%
52	12.780	1815	1817	1823	rVB	56820	78475	3.06%	0.171%
53	12.863	1823	1831	1836	rBV	1414218	2145520	83.56%	4.684%
54	12.910	1836	1839	1843	rVB2	52772	68980	2.69%	0.151%
55	13.004	1847	1855	1861	rVB	1279836	1774878	69.12%	3.875%
56	13.075	1861	1867	1871	rBV4	89699	182797	7.12%	0.399%
57	13.186	1877	1886	1889	rBV	171099	307928	11.99%	0.672%
58	13.251	1893	1897	1900	rBV	101677	122883	4.79%	0.268%
59	13.292	1900	1904	1907	rBV2	69640	82526	3.21%	0.180%
60	13.380	1916	1919	1922	rBV	36119	41725	1.62%	0.091%
61	13.416	1922	1925	1929	rVV3	50362	63946	2.49%	0.140%
62	13.586	1947	1954	1957	rBV8	49833	117731	4.59%	0.257%
63	13.663	1964	1967	1969	rBV2	40221	53947	2.10%	0.118%
64	13.692	1969	1972	1978	rVB	138078	187870	7.32%	0.410%
65	13.774	1981	1986	1990	rBV	1559117	2078079	80.93%	4.537%
66	13.833	1994	1996	1998	rVV	108457	135766	5.29%	0.296%
67	13.857	1998	2000	2004	rVV2	127968	209302	8.15%	0.457%
68	13.904	2004	2008	2014	rVB3	388579	586179	22.83%	1.280%
69	14.057	2026	2034	2037	rBV2	971396	1886178	73.46%	4.118%
70	14.086	2037	2039	2044	rVV	848957	994611	38.74%	2.171%
71	14.163	2048	2052	2055	rVV2	108670	138950	5.41%	0.303%
72	14.198	2055	2058	2061	rVV	43490	47597	1.85%	0.104%
73	14.280	2068	2072	2076	rVB2	82628	118390	4.61%	0.258%
74	14.439	2096	2099	2103	rBV	70898	84717	3.30%	0.185%
75	14.480	2103	2106	2110	rVB2	132114	154215	6.01%	0.337%
76	14.539	2111	2116	2123	rBV3	459679	789355	30.74%	1.723%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
Data File : BF139121.D
Acq On : 22 Aug 2024 14:20
Operator : RC/JU
Sample : P3641-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-909-K1-0.5-1.0-081524

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-BF082024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.751	2148	2152	2156	rBV3	119686	186011	7.24%	0.406%
78	14.851	2163	2169	2177	rBV7	46500	145949	5.68%	0.319%
79	14.927	2178	2182	2188	rVV2	64287	131703	5.13%	0.288%
80	14.998	2190	2194	2200	rVB2	155103	229667	8.94%	0.501%
81	15.110	2207	2213	2223	rBV	875489	2055142	80.04%	4.487%
82	15.216	2223	2231	2239	rVV3	384079	1045874	40.73%	2.283%
83	15.368	2254	2257	2260	rBV2	38610	56634	2.21%	0.124%
84	15.416	2260	2265	2270	rVB	459144	701736	27.33%	1.532%
85	15.480	2270	2276	2281	rBV	508922	784670	30.56%	1.713%
86	15.539	2281	2286	2289	rBV	269114	414853	16.16%	0.906%
87	15.568	2289	2291	2298	rVB2	148872	245374	9.56%	0.536%
88	15.692	2309	2312	2319	rVB6	32689	59188	2.31%	0.129%
89	15.798	2325	2330	2338	rVB2	152451	263223	10.25%	0.575%
90	16.039	2365	2371	2375	rBV	250215	445429	17.35%	0.972%
91	16.092	2375	2380	2388	rVB3	192127	405645	15.80%	0.886%
92	16.445	2435	2440	2450	rVB6	53154	145499	5.67%	0.318%
93	16.863	2504	2511	2517	rBV3	147932	307148	11.96%	0.671%
94	17.027	2532	2539	2558	rVB2	321054	952126	37.08%	2.079%
95	17.180	2560	2565	2568	rBV	50826	110986	4.32%	0.242%
96	17.262	2574	2579	2591	rVB2	128914	328936	12.81%	0.718%
97	17.474	2608	2615	2632	rVB	242612	602761	23.47%	1.316%
98	17.645	2637	2644	2652	rBV2	245327	653769	25.46%	1.427%
99	17.992	2697	2703	2710	rBV5	47267	128955	5.02%	0.282%
100	18.698	2818	2823	2833	rVB4	59550	157977	6.15%	0.345%

Sum of corrected areas: 45806639

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
Data File : BF139121.D
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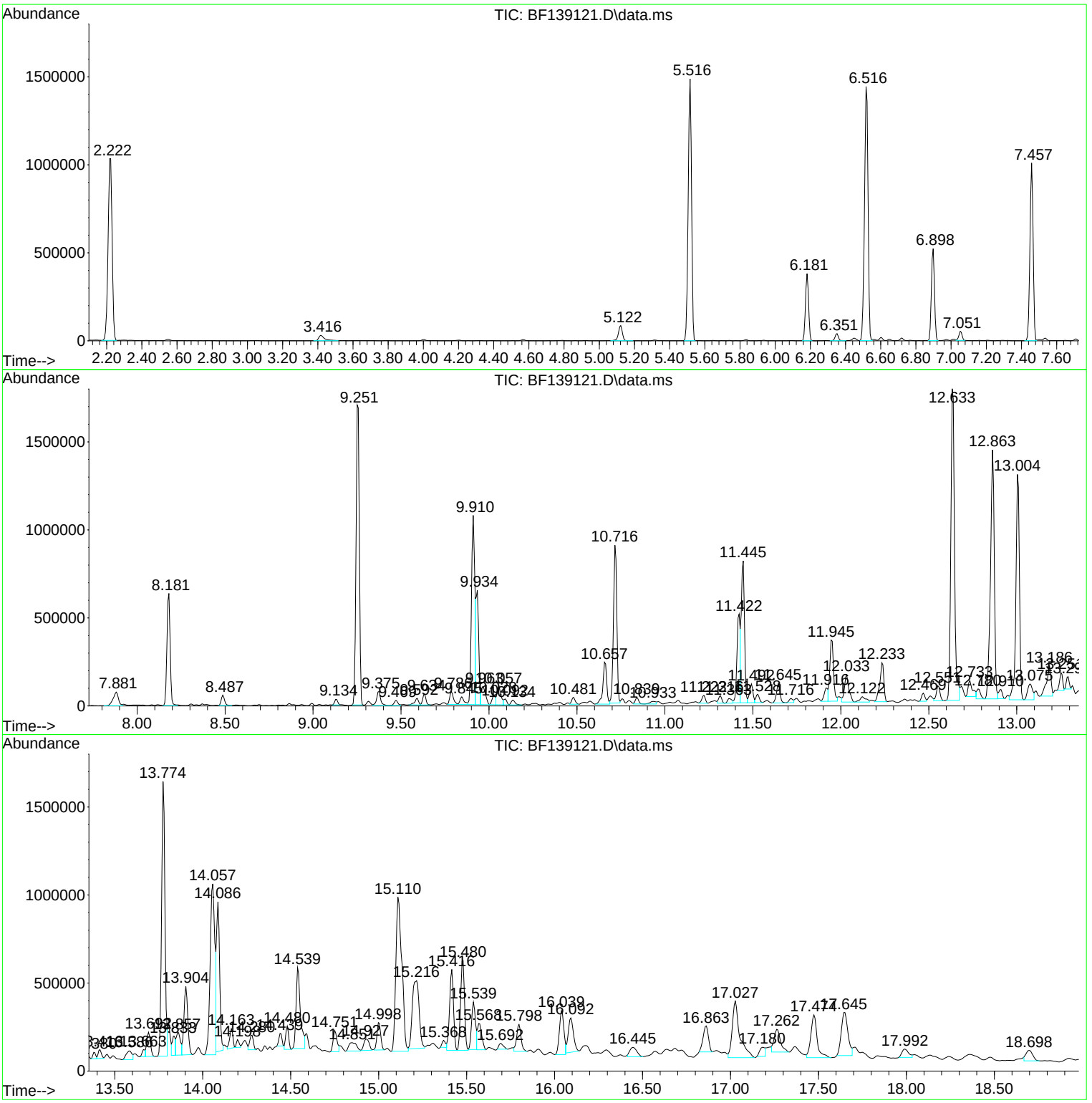
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-909-K1-0.5-1.0-081524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.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\BF082224\
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Acq On : 22 Aug 2024 14:20
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S-909-K1-0.5-1.0-081524

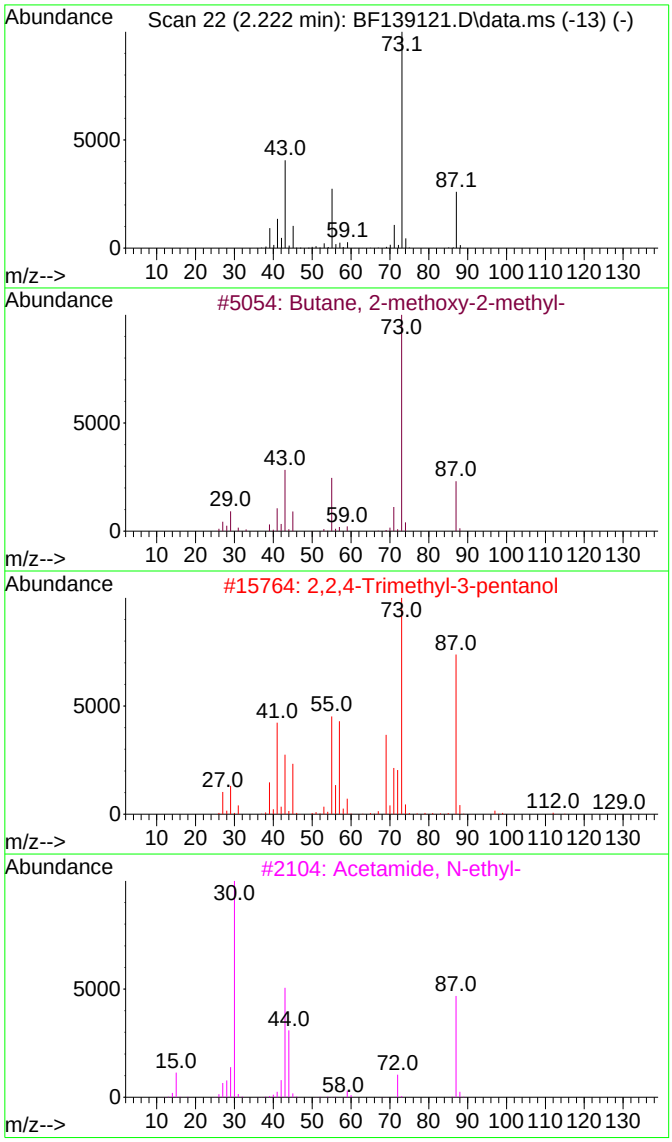
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

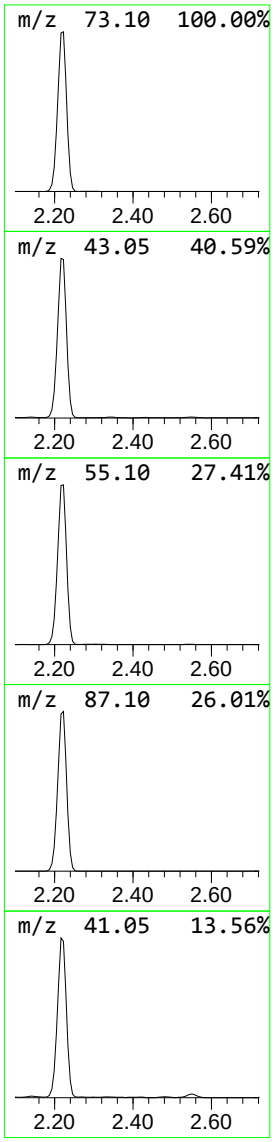
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.222	51.60 ng	1645730	1,4-Dichlorobenzene-d4	6.898

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	40
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
Data File : BF139121.D
Acq On : 22 Aug 2024 14:20
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Sample : P3641-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-909-K1-0.5-1.0-081524

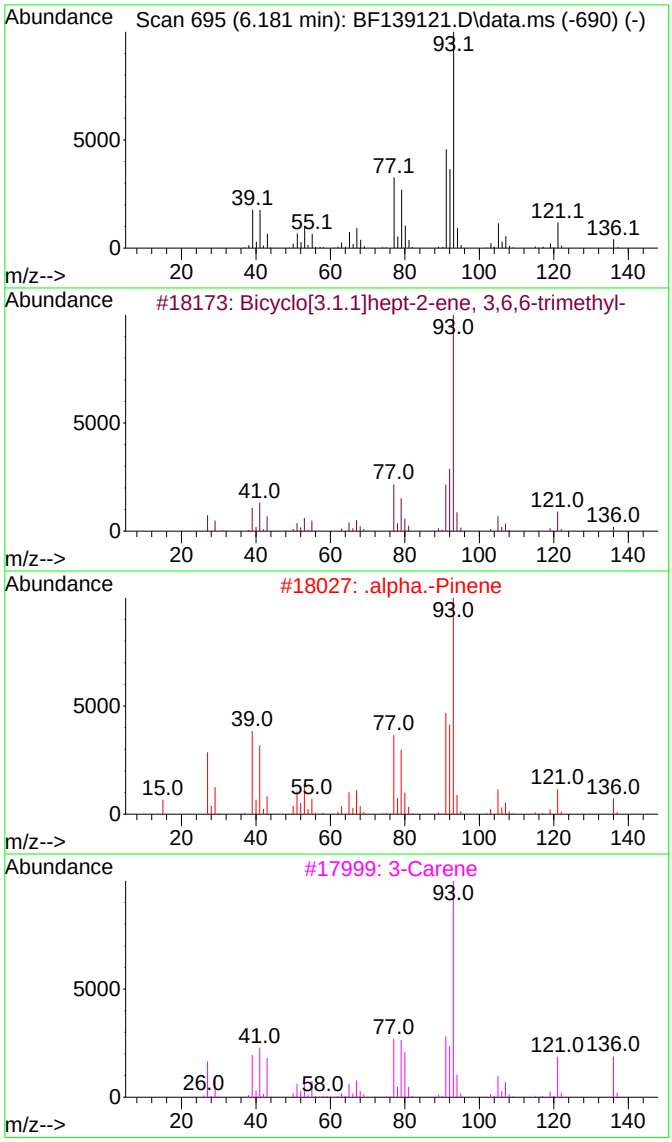
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

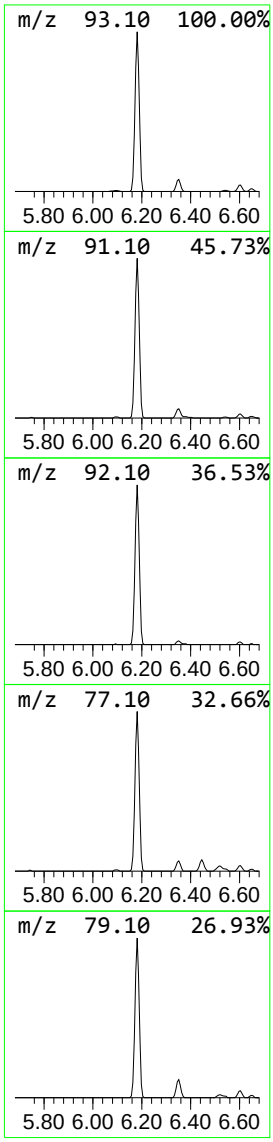
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Bicyclo[3.1.1]hept-2-ene, 3... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.181	14.62 ng	466386	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
2	.alpha.-Pinene	136	C10H16	000080-56-8	94
3	3-Carene	136	C10H16	013466-78-9	91
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5	(+)-3-Carene	136	C10H16	000498-15-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
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Acq On : 22 Aug 2024 14:20
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Instrument :
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ClientSampleId :
S-909-K1-0.5-1.0-081524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

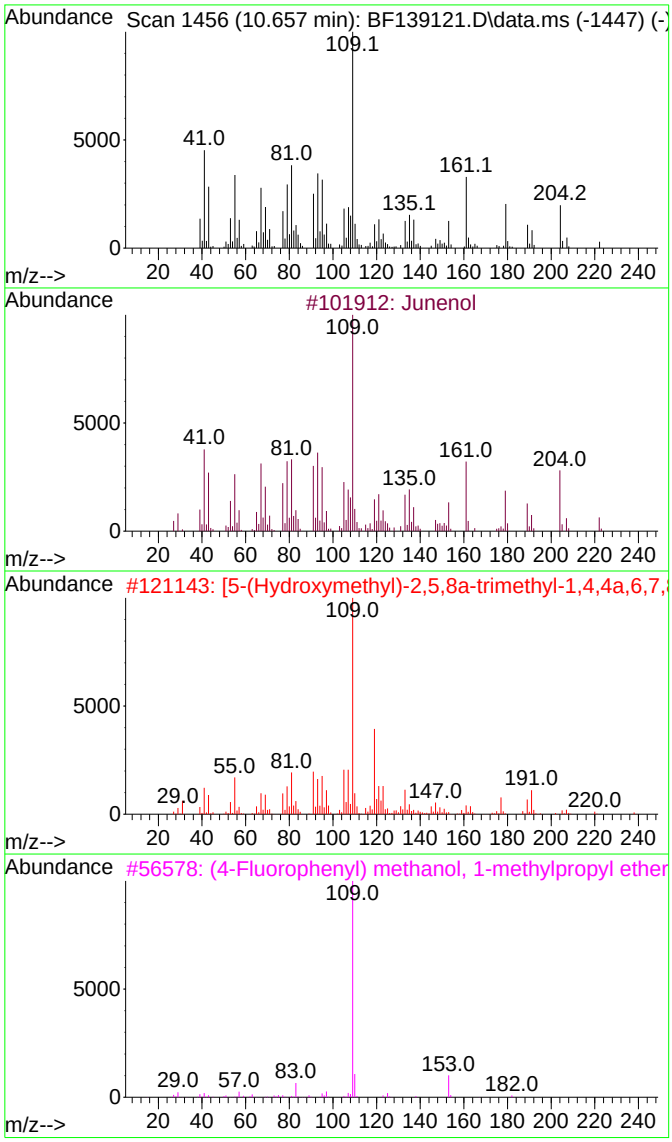
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

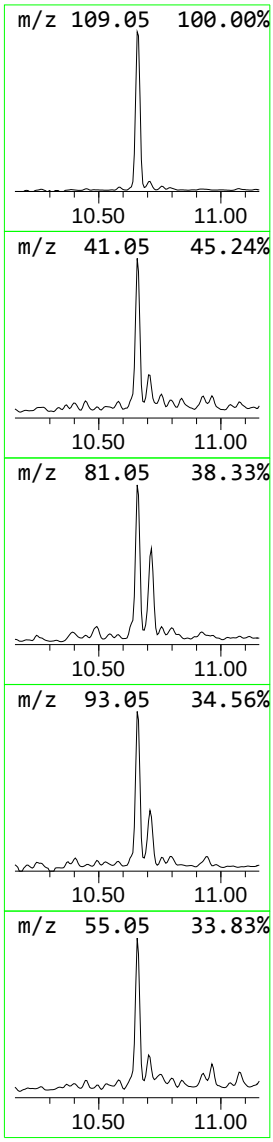
****

Peak Number 3 Junenol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.657	9.98 ng	353129	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Junenol	222	C15H26O	000472-07-1	98
2	[5-(Hydroxymethyl)-2,5,8a-trimet...	238	C15H26O2	1796930-60-3	38
3	(4-Fluorophenyl) methanol, 1-met...	182	C11H15FO	1010374-63-9	38
4	4-Pentyloxyaniline	179	C11H17NO	039905-50-5	38
5	[1-(4-Fluorophenyl)cyclopentyl]m...	193	C12H16FN	075180-50-6	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
Data File : BF139121.D
Acq On : 22 Aug 2024 14:20
Operator : RC/JU
Sample : P3641-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
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S-909-K1-0.5-1.0-081524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

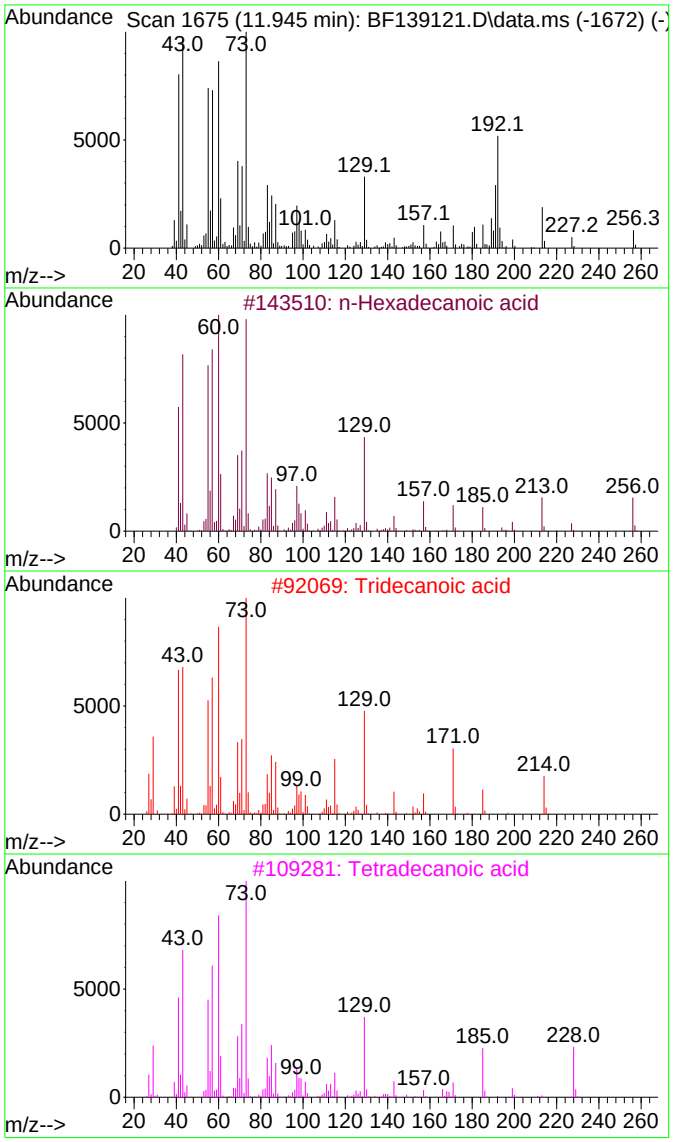
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

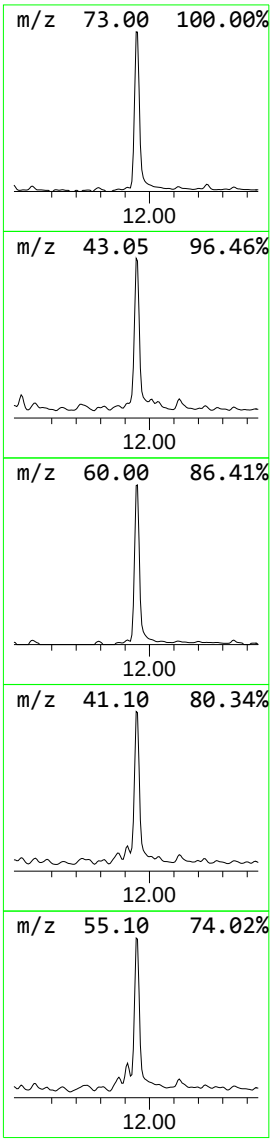
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	15.10 ng	496052	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
Data File : BF139121.D
Acq On : 22 Aug 2024 14:20
Operator : RC/JU
Sample : P3641-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-909-K1-0.5-1.0-081524

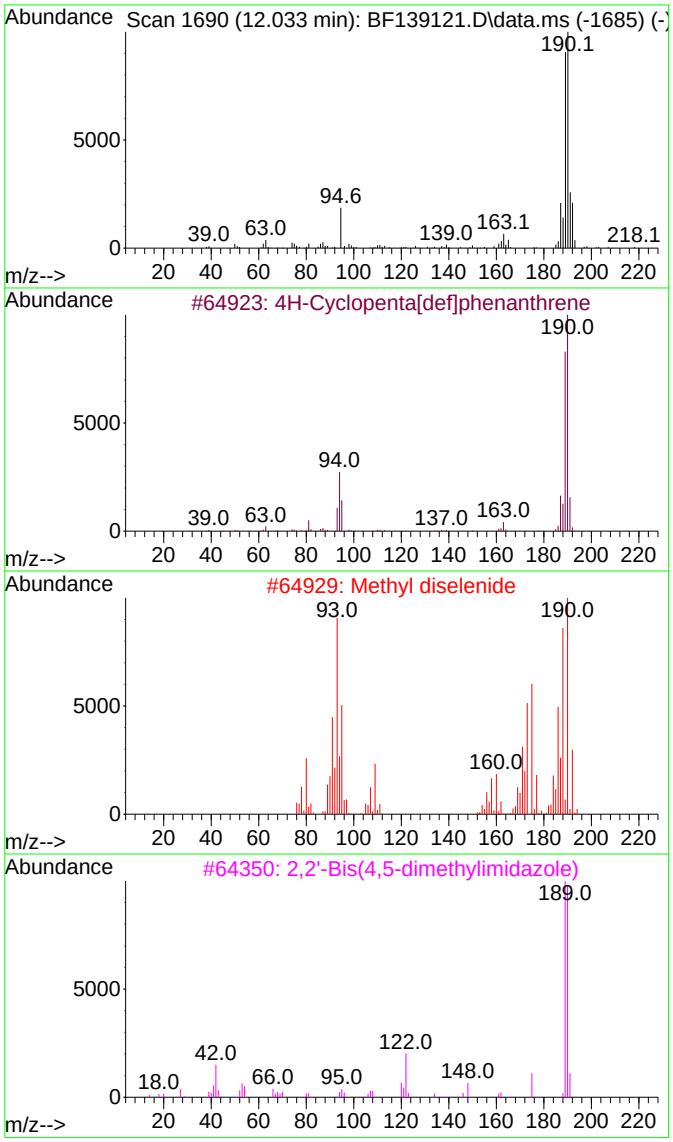
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

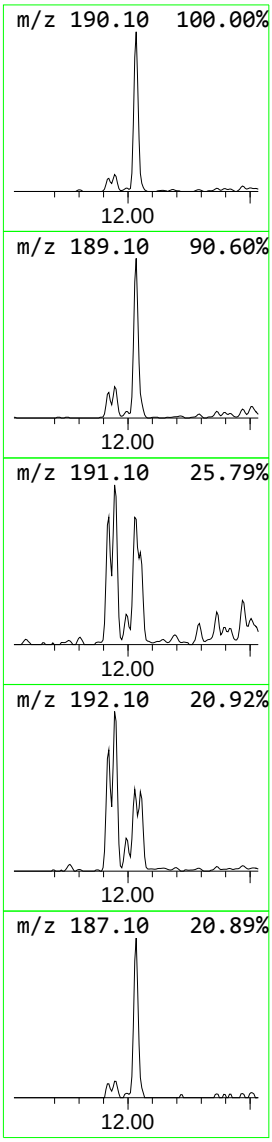
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	8.26 ng	271456	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	Methyl diselenide	190	C2H6Se2	007101-31-7	49
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27
5	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	10





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Acq On : 22 Aug 2024 14:20
Operator : RC/JU
Sample : P3641-06
Misc :
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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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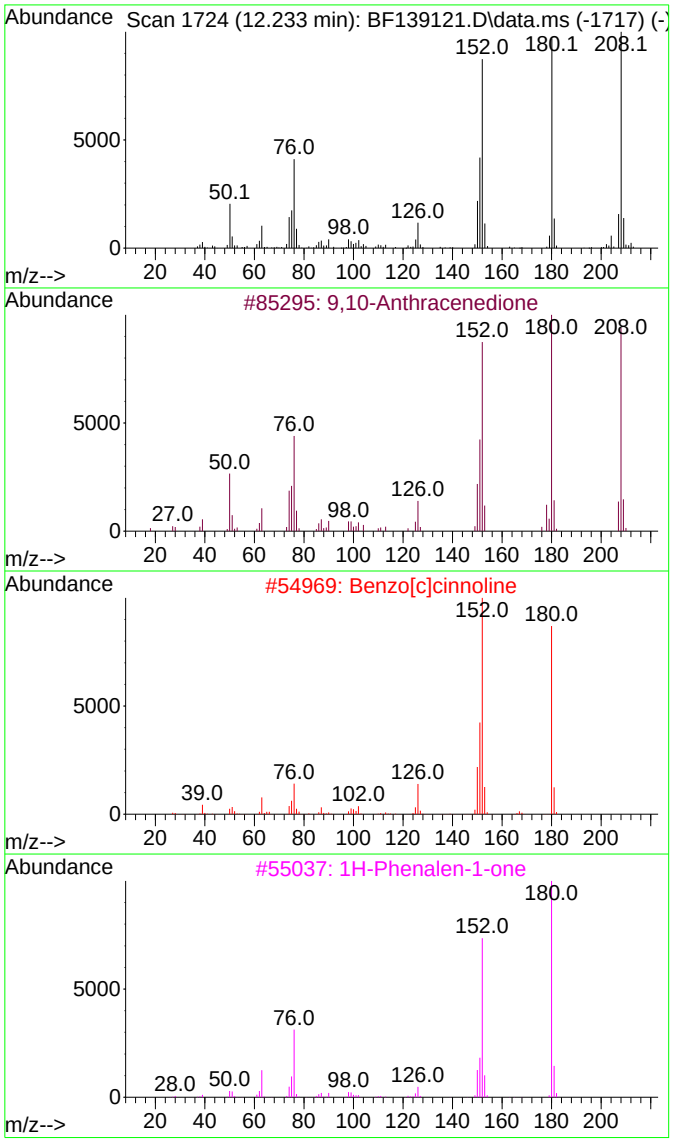
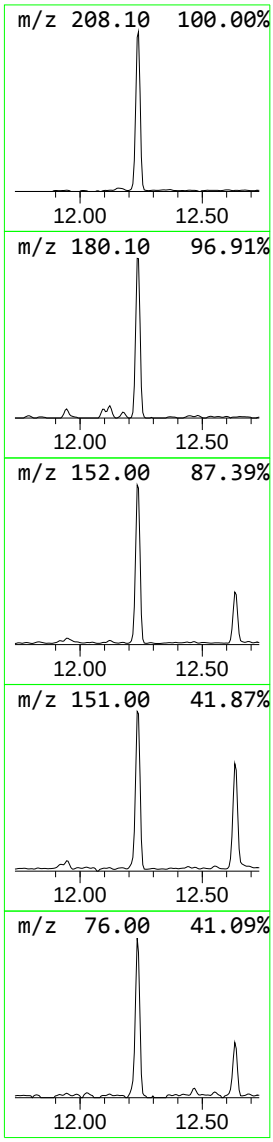
Peak Number 6 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.233	10.80 ng	354895	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	58





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

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

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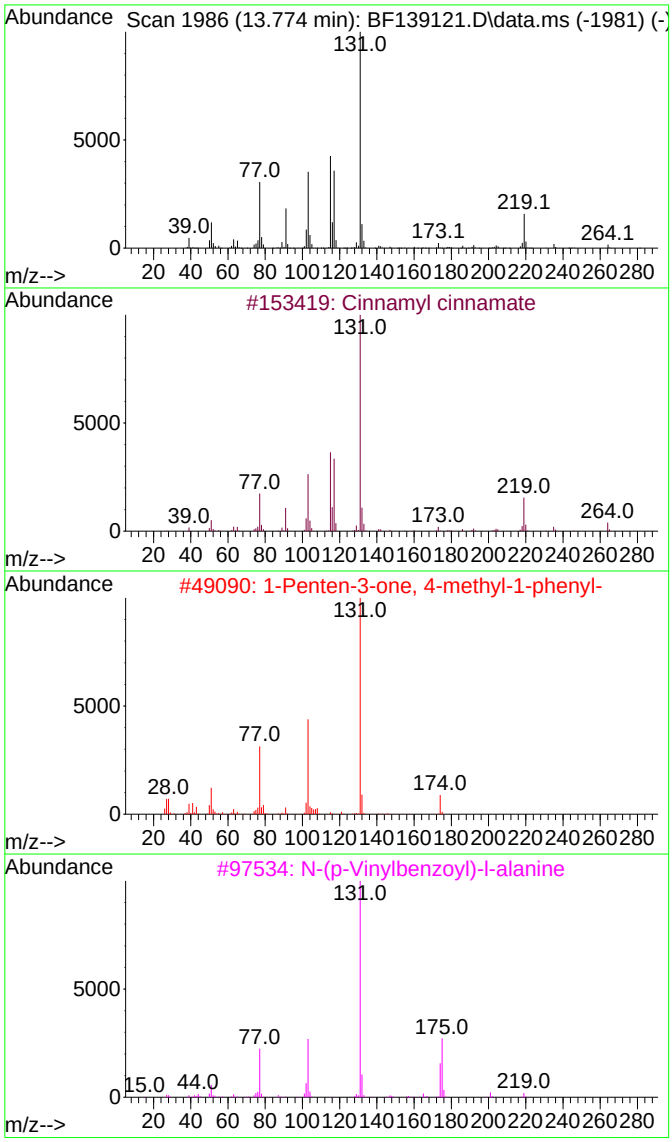
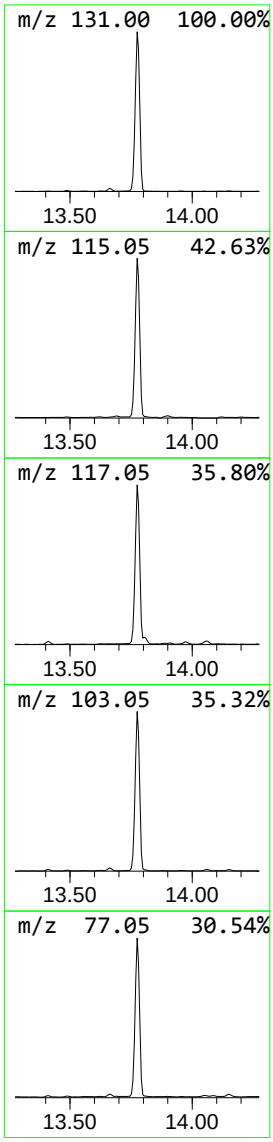
Peak Number 7 Cinnamyl cinnamate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.775	22.03 ng	2078080	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	91
2	1-Penten-3-one, 4-methyl-1-phenyl-	174	C12H14O	003160-32-5	47
3	N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	47
4	1-(4-Ethynylphenyl)-2-methylprop...	174	C12H14O	1000466-39-4	47
5	N-(4-Fluorophenyl)-3-phenyl-2-pr...	337	C17H11F4NO2	1000492-37-5	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

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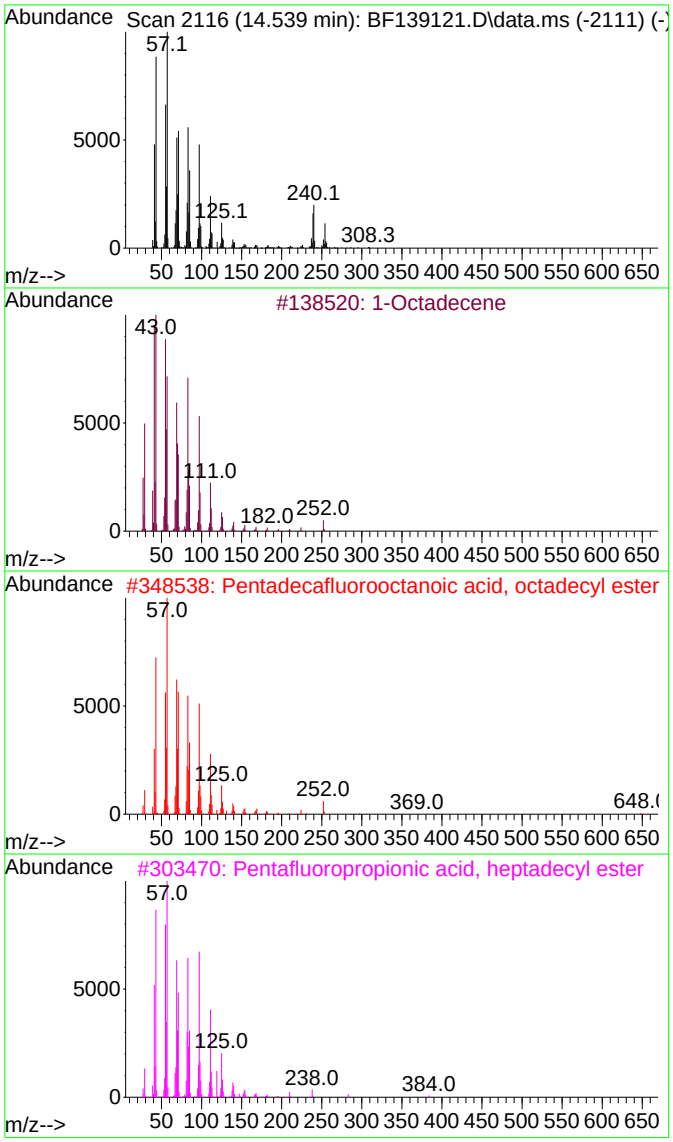
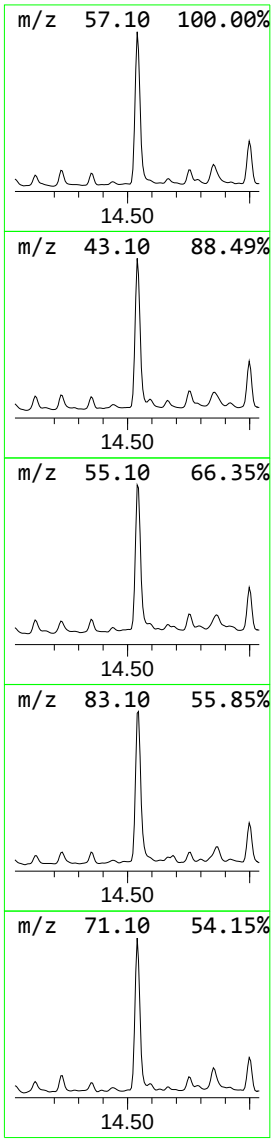
Peak Number 8 1-Octadecene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.539	8.37 ng	789355	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	95
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	89
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	76
4	17-Pentatriacontene	491	C35H70	006971-40-0	76
5	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	76





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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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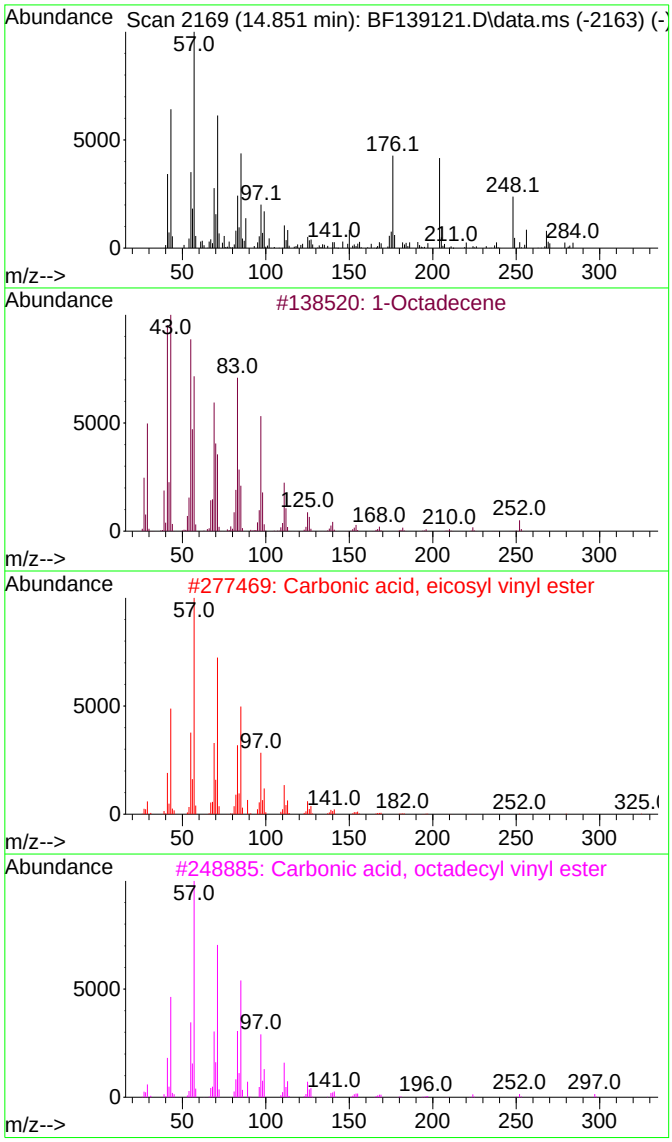
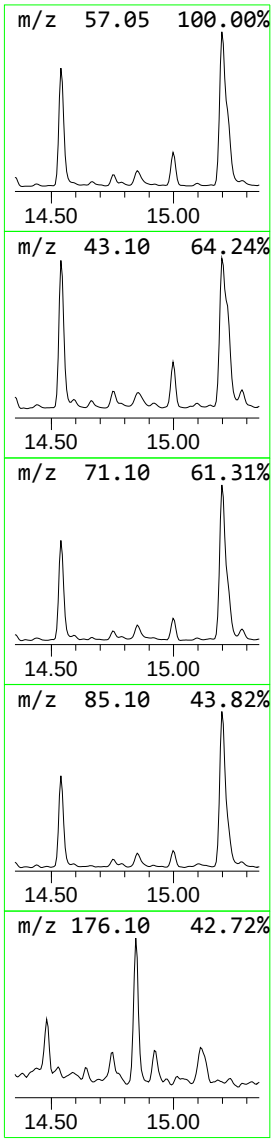
Peak Number 9 Carbonic acid, eicosyl viny... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.851	7.04 ng	145949	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	90
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	50
3	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	50
4	Nonadecane	268	C19H40	000629-92-5	49
5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	45





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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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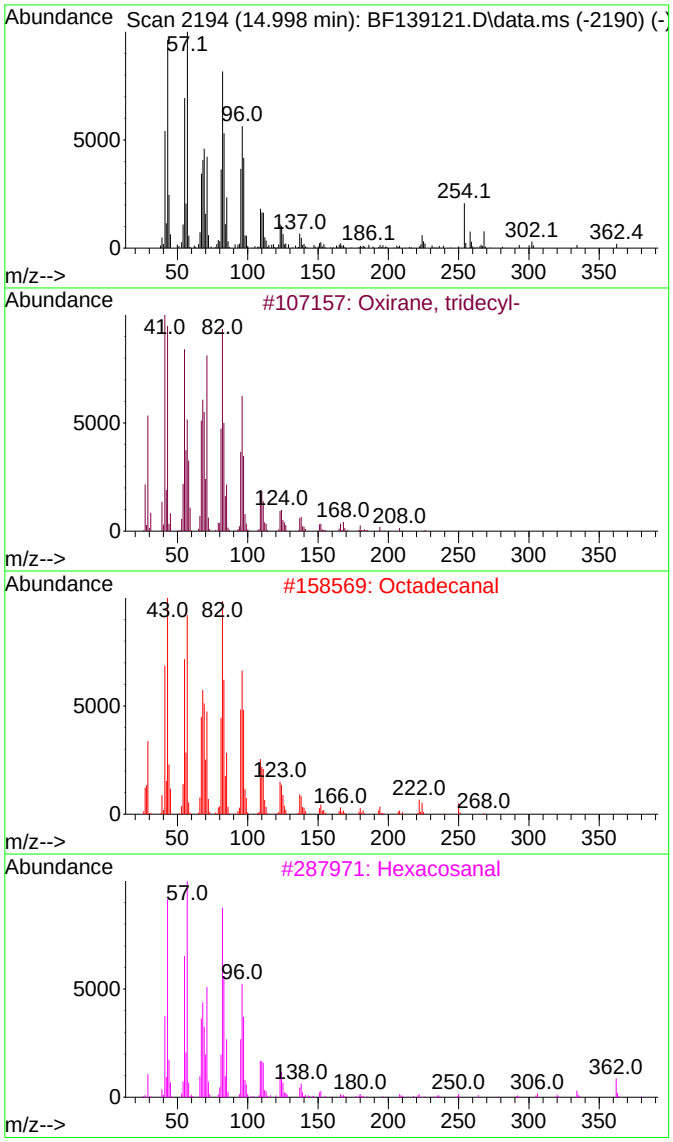
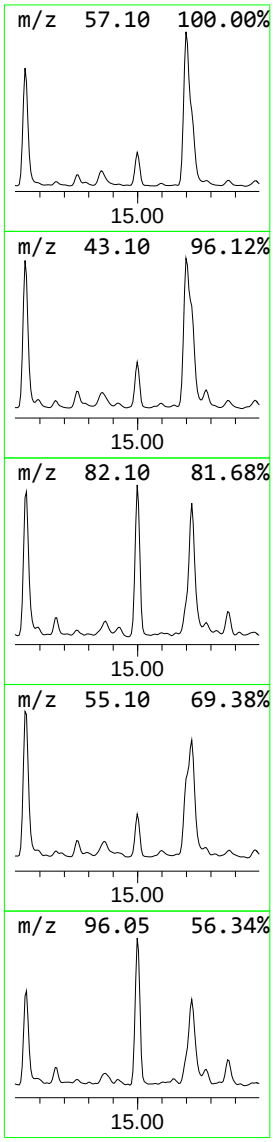
Peak Number 10 Oxirane, tridecyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.998	11.07 ng	229667	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, tridecyl-	226	C15H30O	018633-25-5	93
2	Octadecanal	268	C18H36O	000638-66-4	93
3	Hexacosanal	380	C26H52O	026627-85-0	93
4	Eicosanal-	296	C20H40O	002400-66-0	91
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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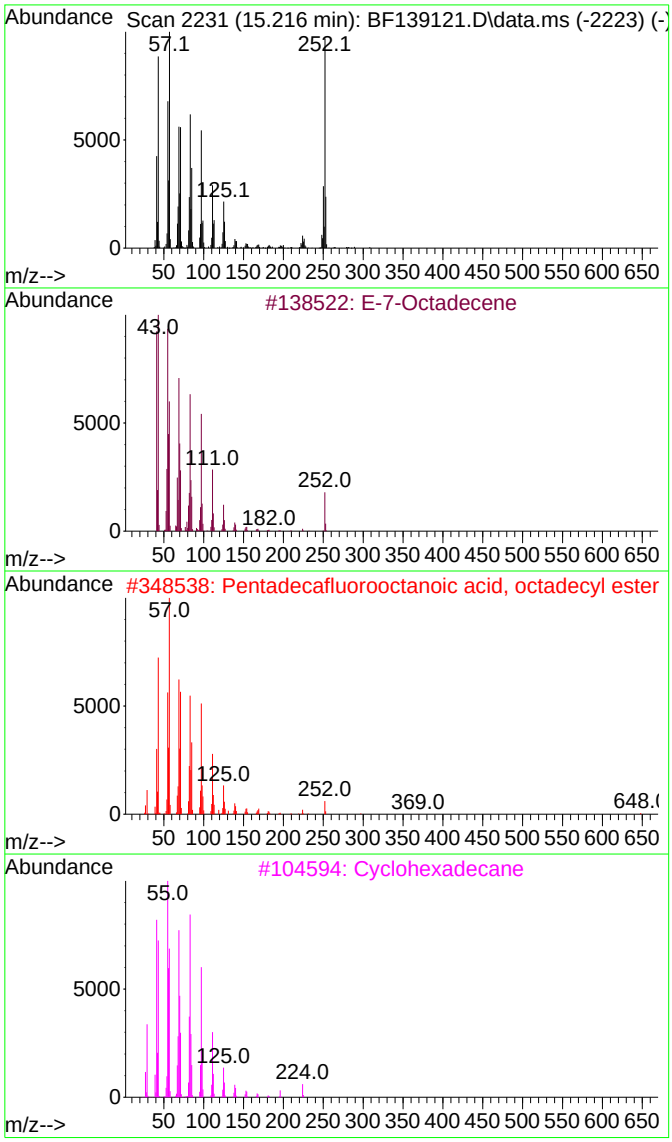
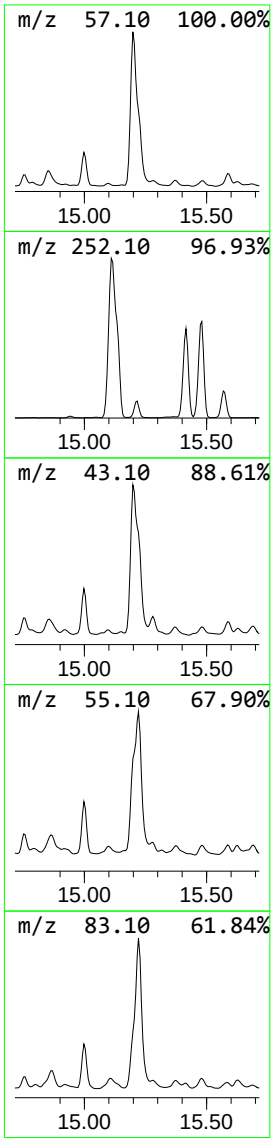
Peak Number 11 E-7-Octadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.216	50.42 ng	1045870	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-7-Octadecene	252	C18H36	1000130-92-0	93
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	89
3	Cyclohexadecane	224	C16H32	000295-65-8	81
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	80
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	60





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Misc :
ALS Vial : 10 Sample Multiplier: 1

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

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

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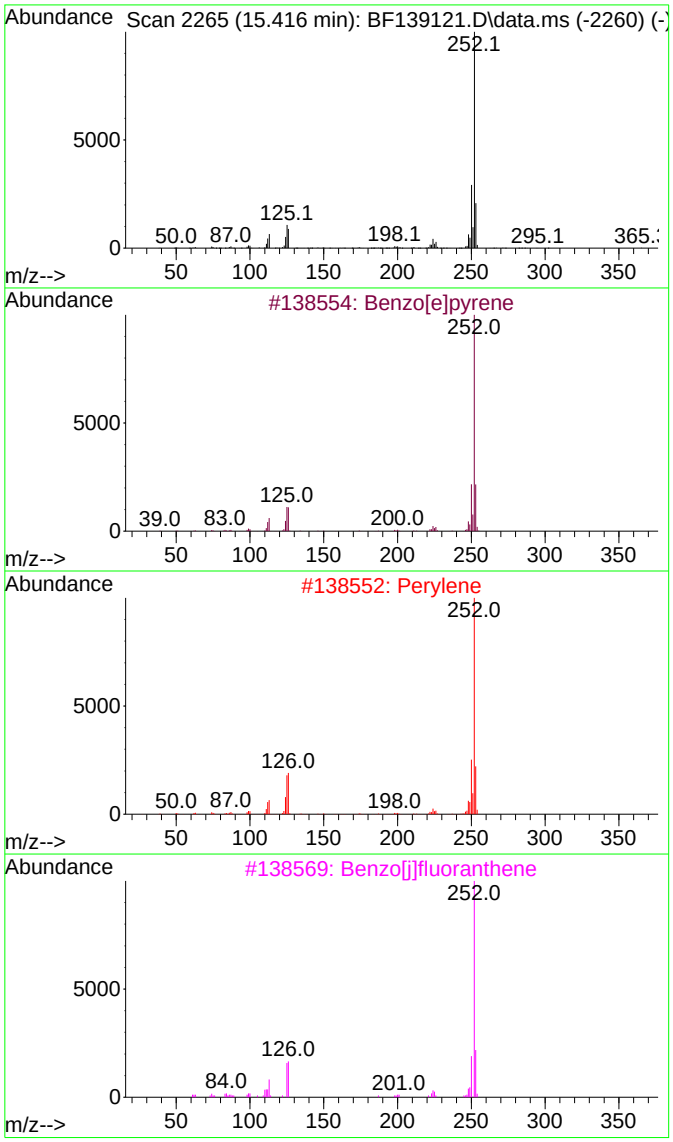
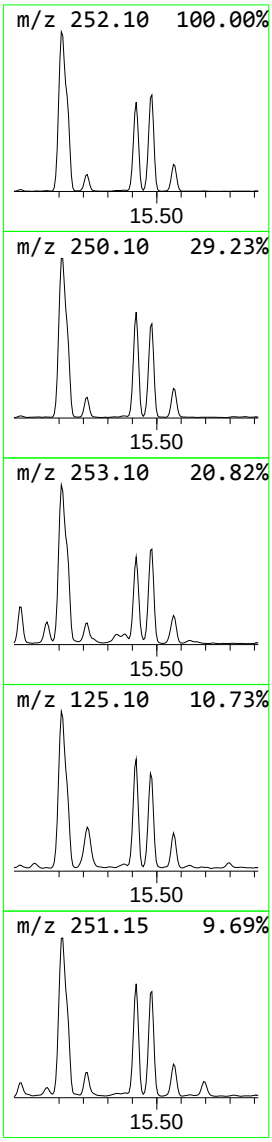
Peak Number 12 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	33.83 ng	701736	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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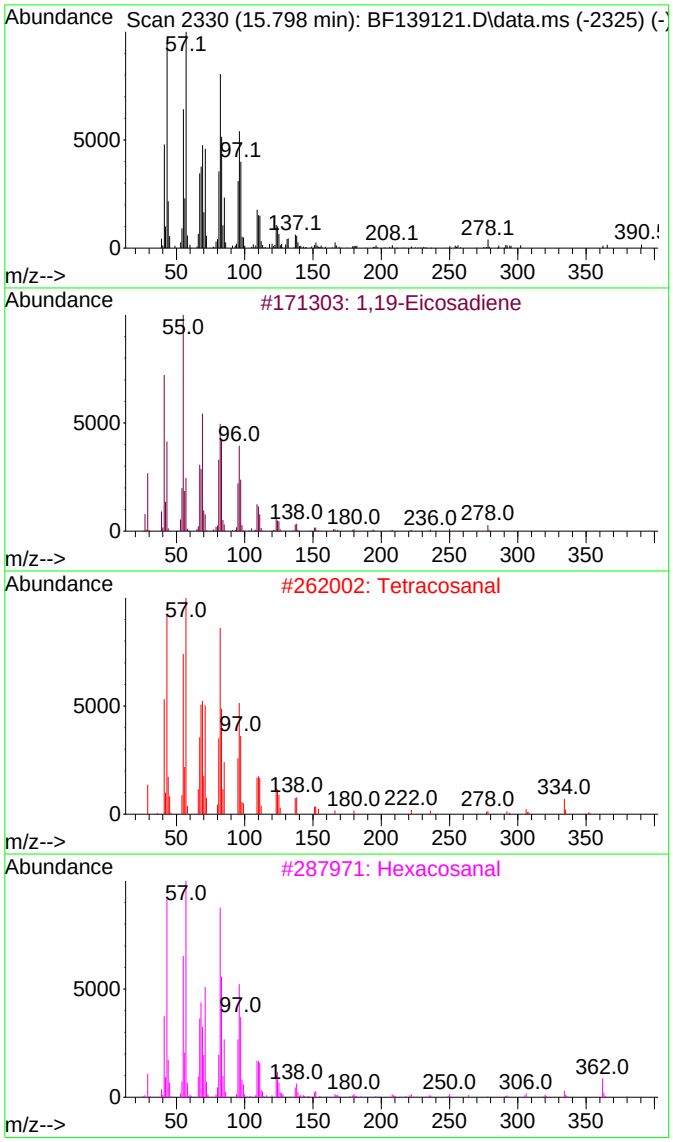
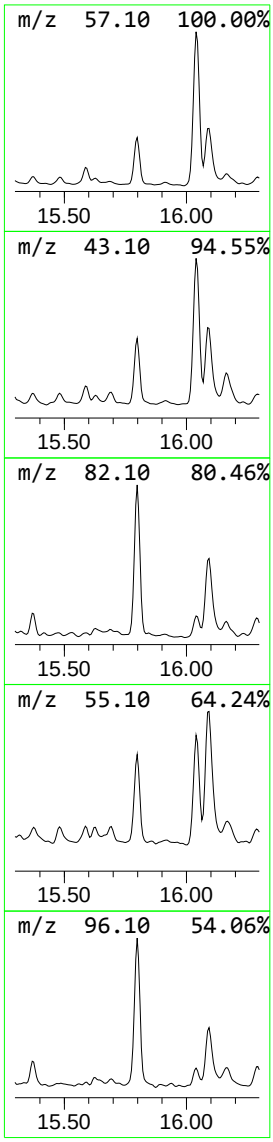
Peak Number 13 1,19-Eicosadiene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.798	12.69 ng	263223	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	94
2	Tetracosanal	352	C24H48O	057866-08-7	94
3	Hexacosanal	380	C26H52O	026627-85-0	94
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	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

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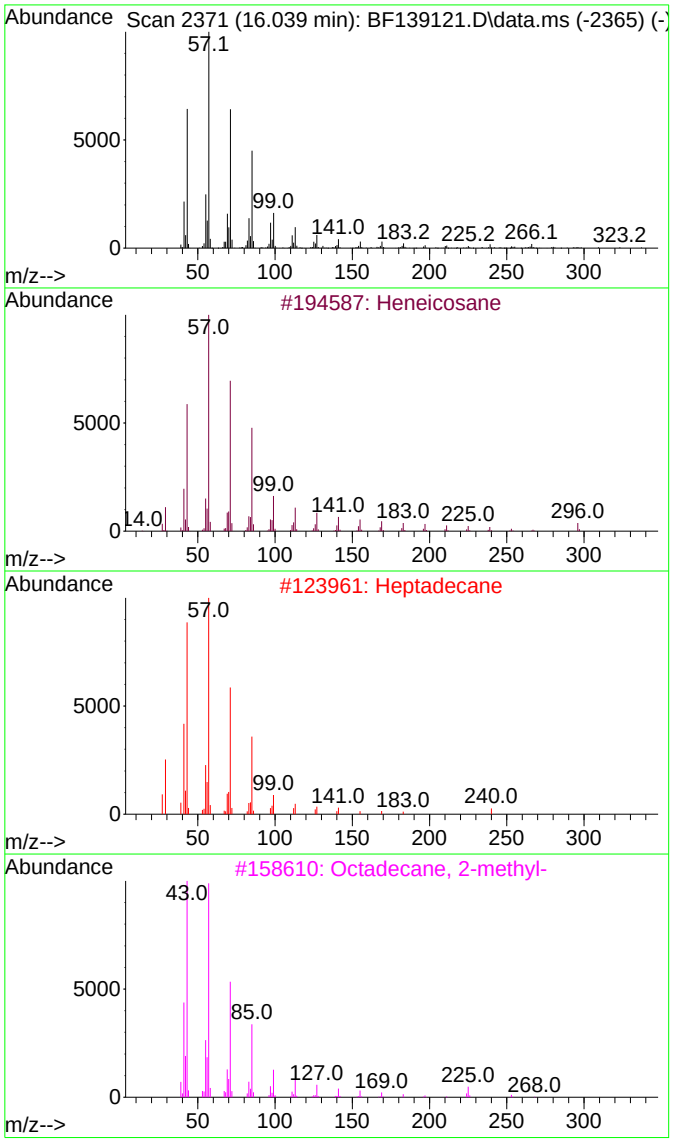
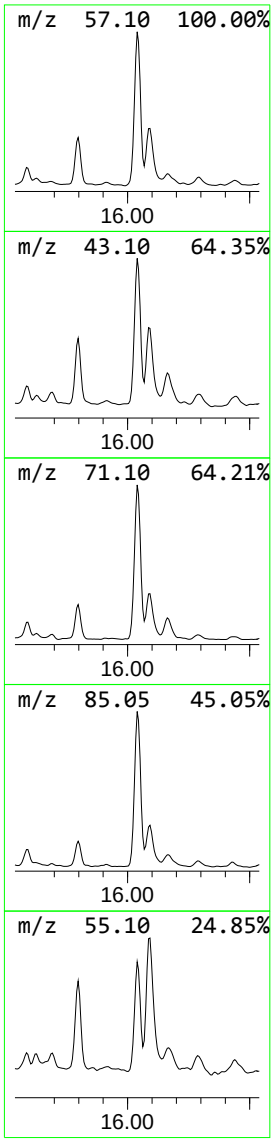
Peak Number 14 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.039	21.47 ng	445429	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Heptadecane	240	C17H36	000629-78-7	94
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	Hexacosane	366	C26H54	000630-01-3	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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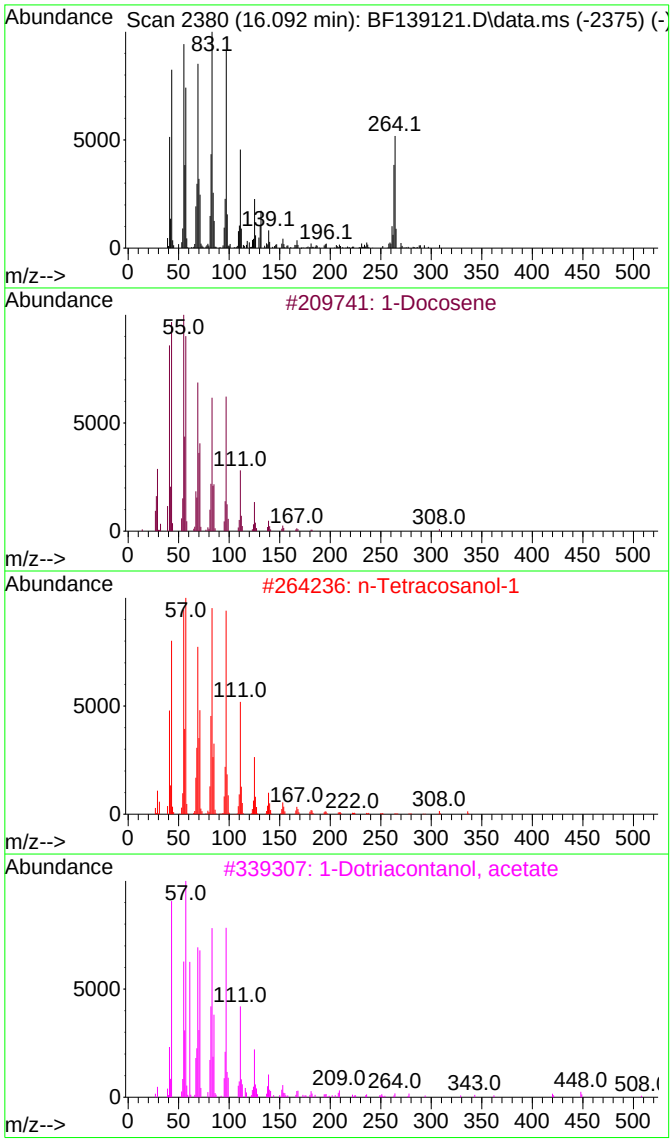
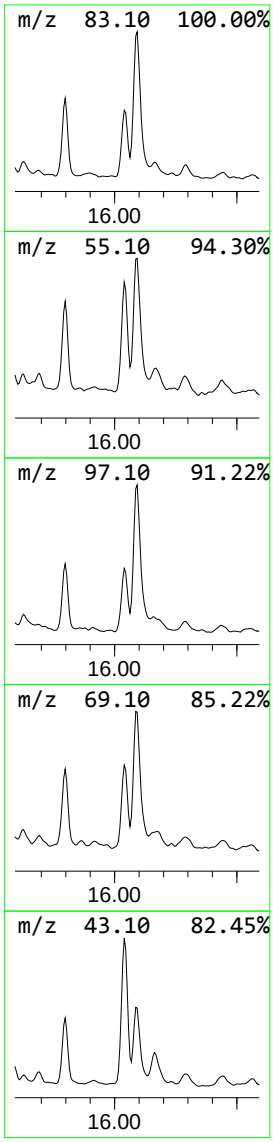
Peak Number 15 1-Docosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.092	19.56 ng	405645	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	62
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	55
3	1-Dotriacontanol, acetate	509	C34H68O2	023811-94-1	49
4	1-Hexacosene	364	C26H52	018835-33-1	49
5	1-Heptacosanol	396	C27H56O	002004-39-9	49





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TIC Library : C:\Database\NIST20.L
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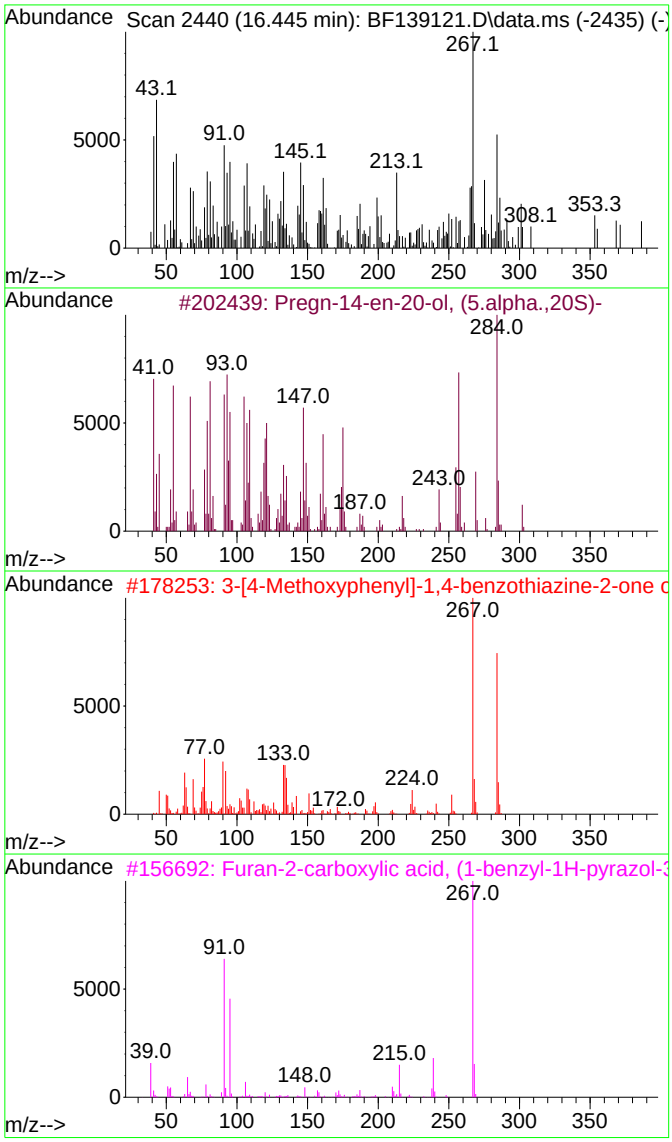
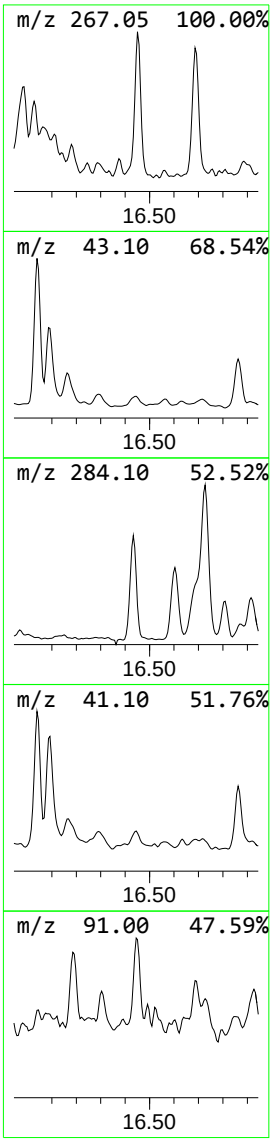
Peak Number 16 unknown16.445 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.445	7.01 ng	145499	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pregn-14-en-20-ol, (5.alpha.,20S)-	302	C21H34O	054411-99-3	25
2	3-[4-Methoxyphenyl]-1,4-benzothi...	284	C15H12N2O2S	1000211-53-6	25
3	Furan-2-carboxylic acid, (1-benz...	267	C15H13N3O2	1000316-90-5	25
4	Succinic acid, tridec-2-yn-1-yl ...	462	C23H27F5O4	1000390-35-8	22
5	Retinal, 9-cis-	284	C20H28O	000514-85-2	20





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ClientSampleId :
S-909-K1-0.5-1.0-081524

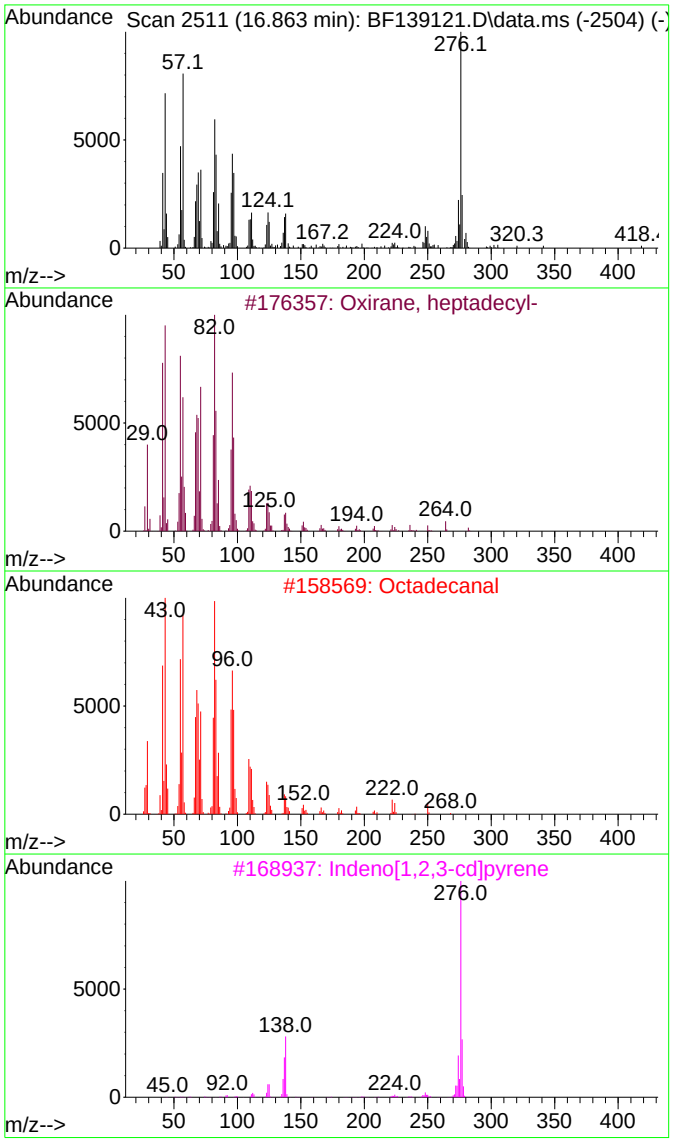
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

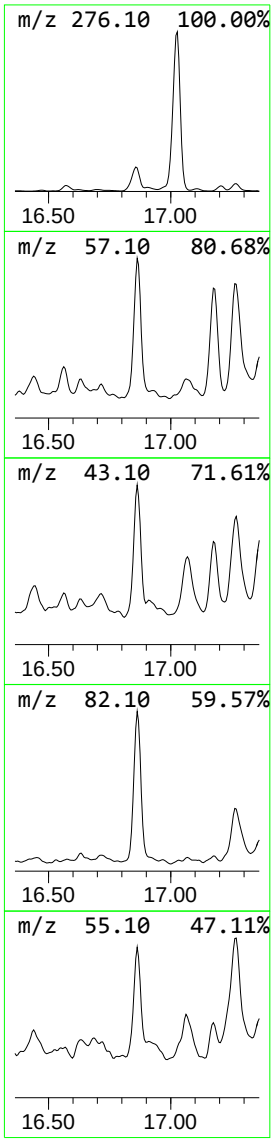
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Oxirane, heptadecyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.863	14.81 ng	307148	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	84
2	Octadecanal	268	C18H36O	000638-66-4	66
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	50
4	Eicosanal-	296	C20H40O	002400-66-0	46
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
Data File : BF139121.D
Acq On : 22 Aug 2024 14:20
Operator : RC/JU
Sample : P3641-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-909-K1-0.5-1.0-081524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.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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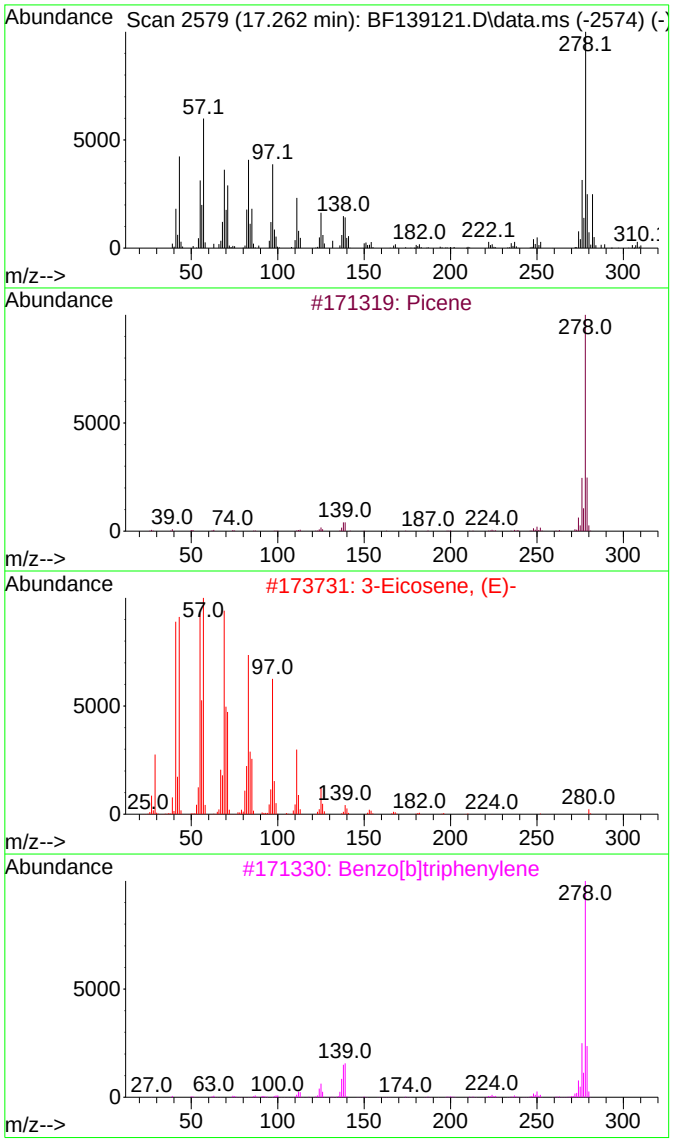
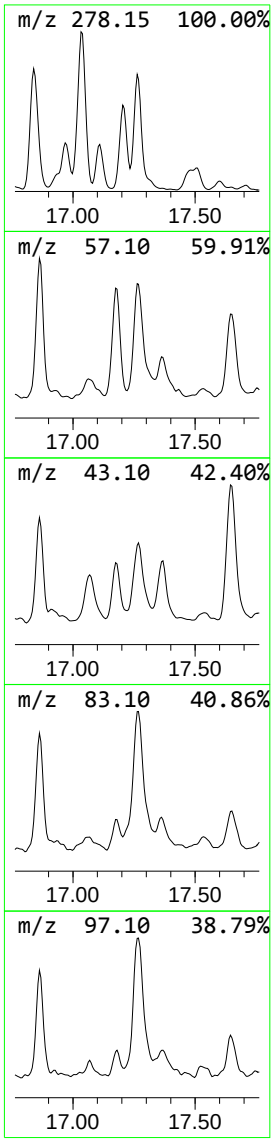
Peak Number 18 Picene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.262	15.86 ng	328936	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	64
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	59
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	46
4	Pentacene	278	C22H14	000135-48-8	45
5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
Data File : BF139121.D
Acq On : 22 Aug 2024 14:20
Operator : RC/JU
Sample : P3641-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-909-K1-0.5-1.0-081524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.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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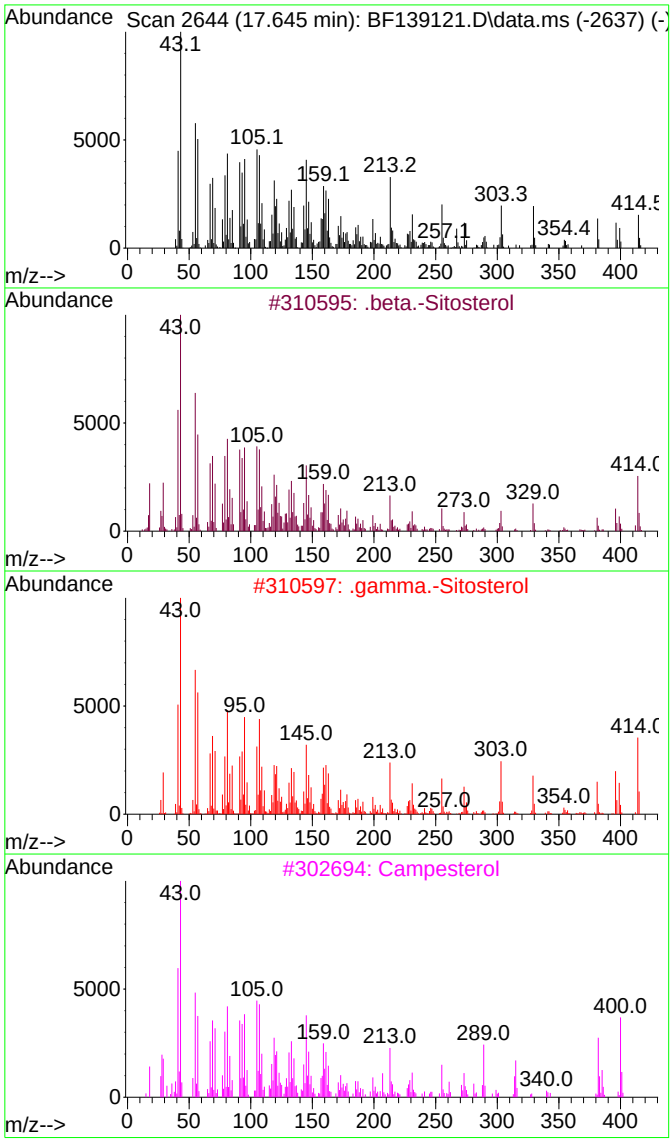
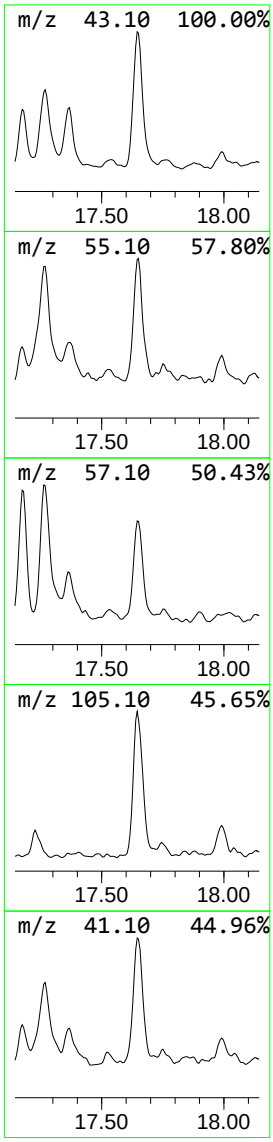
Peak Number 19 .beta.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.645	31.52 ng	653769	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
3	Campesterol	400	C28H48O	000474-62-4	46
4	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	46
5	Ergost-7-en-3-ol, (3.beta.)-	400	C28H48O	026047-31-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
Data File : BF139121.D
Acq On : 22 Aug 2024 14:20
Operator : RC/JU
Sample : P3641-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-909-K1-0.5-1.0-081524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.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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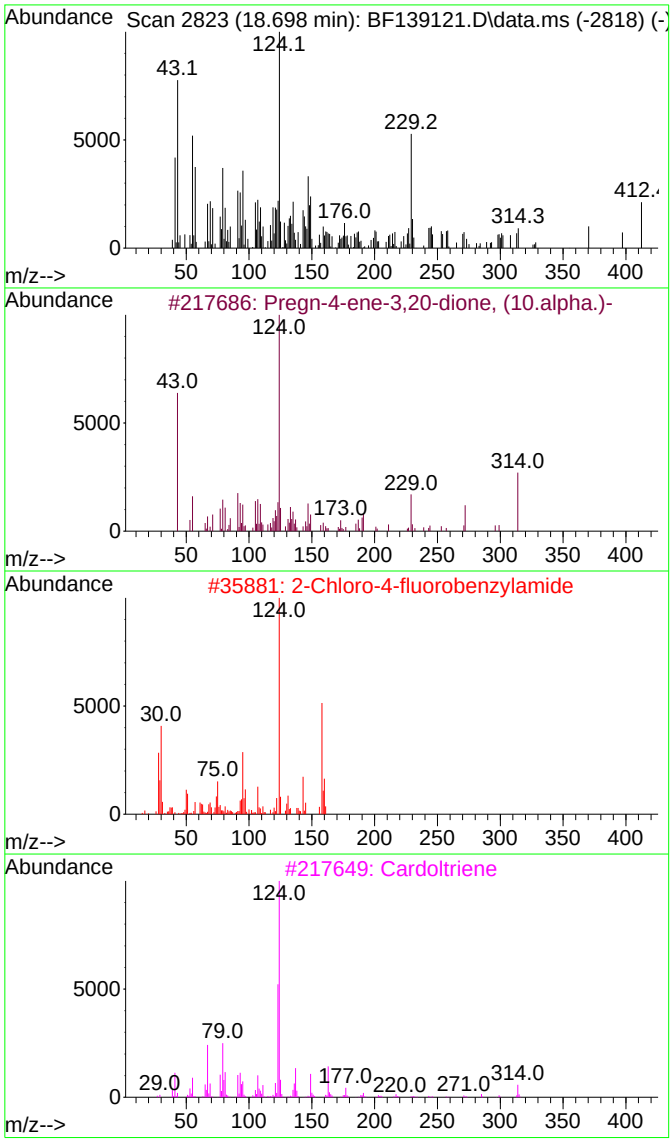
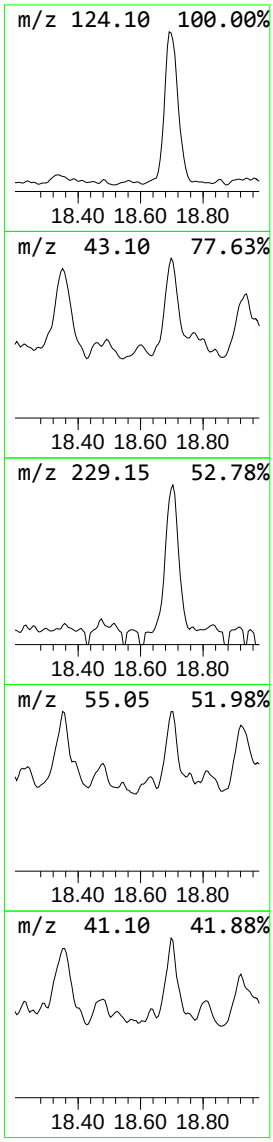
Peak Number 20 unknown18.698 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.698	7.62 ng	157977	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pregn-4-ene-3,20-dione, (10.alph...	314	C21H30O2	003562-13-8	41
2	2-Chloro-4-fluorobenzylamide	159	C7H7ClFN	1010343-00-9	30
3	Cardoltriene	314	C21H30O2	079473-24-8	30
4	1,3-Propanediol, 2-(3-ethylidene...	328	C20H28N2O2	001850-32-4	30
5	Malonodinitrile, 2-[3-dimethylam...	229	C12H11N3S	102354-29-0	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
Data File : BF139121.D
Acq On : 22 Aug 2024 14:20
Operator : RC/JU
Sample : P3641-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-909-K1-0.5-1.0-081524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.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...	2.222	51.6	ng	1645730	1	6.898	637920	20.0
Bicyclo[3.1.1]h...	6.181	14.6	ng	466386	1	6.898	637920	20.0
Junenol	10.657	10.0	ng	353129	3	9.934	707385	20.0
n-Hexadecanoic ...	11.945	15.1	ng	496052	4	11.422	657025	20.0
4H-Cyclopenta[d...	12.033	8.3	ng	271456	4	11.422	657025	20.0
9,10-Anthracene...	12.233	10.8	ng	354895	4	11.422	657025	20.0
Cinnamyl cinnamate	13.775	22.0	ng	2078080	5	14.063	1886180	20.0
1-Octadecene	14.539	8.4	ng	789355	5	14.063	1886180	20.0
Carbonic acid, ...	14.851	7.0	ng	145949	6	15.539	414853	20.0
Oxirane, tridecyl-	14.998	11.1	ng	229667	6	15.539	414853	20.0
E-7-Octadecene	15.216	50.4	ng	1045870	6	15.539	414853	20.0
Benzo[e]pyrene	15.416	33.8	ng	701736	6	15.539	414853	20.0
1,19-Eicosadiene	15.798	12.7	ng	263223	6	15.539	414853	20.0
Heneicosane	16.039	21.5	ng	445429	6	15.539	414853	20.0
1-Docosene	16.092	19.6	ng	405645	6	15.539	414853	20.0
unknown16.445	16.445	7.0	ng	145499	6	15.539	414853	20.0
Oxirane, heptad...	16.863	14.8	ng	307148	6	15.539	414853	20.0
Picene	17.262	15.9	ng	328936	6	15.539	414853	20.0
.beta.-Sitosterol	17.645	31.5	ng	653769	6	15.539	414853	20.0
unknown18.698	18.698	7.6	ng	157977	6	15.539	414853	20.0