LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
Data File : BF131658.D
Acq On : 15 Dec 2022 20:03
Operator : CG\JU
Sample : N6038-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB-31-(1-3)

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-BF120822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131658.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.158	4	12	18	rVB	356943	450575	22.00%	1.931%
2	3.946	311	316	322	rVB	78912	98055	4.79%	0.420%
3	5.093	507	511	522	rVB	220413	263549	12.87%	1.130%
4	5.499	575	580	583	rBV	1981542	1822998	89.01%	7.813%
5	6.510	747	752	755	rBV	1895321	1859260	90.78%	7.968%
6	6.881	811	815	818	rBV	539910	447901	21.87%	1.920%
7	7.445	906	911	914	rBV	1274708	1205368	58.86%	5.166%
8	8.169	1030	1034	1036	rBV	676111	586849	28.65%	2.515%
9	8.187	1036	1037	1041	rVB	130867	91925	4.49%	0.394%
10	8.881	1152	1155	1159	rVB	44823	36651	1.79%	0.157%
11	9.251	1212	1218	1221	rBV	2265968	2047985	100.00%	8.777%
12	9.792	1306	1310	1313	rVB	49394	37078	1.81%	0.159%
13	9.934	1325	1334	1337	rBV	817239	681636	33.28%	2.921%
14	9.963	1337	1339	1343	rVB	130195	96107	4.69%	0.412%
15	10.134	1365	1368	1372	rBV	64972	60257	2.94%	0.258%
16	10.481	1424	1427	1433	rVB	116218	96329	4.70%	0.413%
17	10.651	1452	1456	1459	rVB2	162520	144485	7.05%	0.619%
18	10.728	1464	1469	1472	rBV	1575908	1414583	69.07%	6.063%
19	11.033	1514	1521	1523	rBV3	20084	28791	1.41%	0.123%
20	11.228	1551	1554	1558	rBV	47551	38696	1.89%	0.166%
21	11.281	1558	1563	1565	rVV3	19685	26806	1.31%	0.115%
22	11.322	1567	1570	1574	rVB	48296	40100	1.96%	0.172%
23	11.428	1584	1588	1590	rBV	847925	730594	35.67%	3.131%
24	11.451	1590	1592	1595	rVV	1012902	726118	35.46%	3.112%
25	11.498	1595	1600	1603	rVV	200838	191213	9.34%	0.820%
26	11.528	1603	1605	1609	rVV2	37743	35939	1.75%	0.154%
27	11.657	1621	1627	1635	rBV2	110427	117949	5.76%	0.506%
28	11.928	1667	1673	1675	rBV	95081	81676	3.99%	0.350%
29	11.957	1675	1678	1682	rVB	153329	132300	6.46%	0.567%
30	12.004	1682	1686	1689	rBV	38505	34101	1.67%	0.146%
31	12.039	1689	1692	1695	rBV	146658	163881	8.00%	0.702%
32	12.063	1695	1696	1700	rVB	69441	40075	1.96%	0.172%
33	12.116	1701	1705	1707	rBV4	20039	24806	1.21%	0.106%
34	12.204	1715	1720	1722	rBV4	45639	49144	2.40%	0.211%
35	12.228	1722	1724	1726	rVV	77832	63860	3.12%	0.274%
36	12.251	1726	1728	1732	rVB	94820	72186	3.52%	0.309%

LSC Area Percent Report

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Operator : CG\JU
Sample : N6038-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-31-(1-3)

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-BF120822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.480	1763	1767	1770	rBV2	57094	74868	3.66%	0.321%
38	12.516	1770	1773	1775	rVV2	38801	47951	2.34%	0.206%
39	12.569	1779	1782	1787	rVV	59852	63939	3.12%	0.274%
40	12.645	1791	1795	1799	rVB	1249012	1033068	50.44%	4.428%
41	12.739	1809	1811	1813	rVB	31242	22783	1.11%	0.098%
42	12.798	1818	1821	1824	rVV2	35987	42033	2.05%	0.180%
43	12.875	1828	1834	1839	rBV	918976	1034102	50.49%	4.432%
44	12.922	1839	1842	1847	rVB2	45231	53178	2.60%	0.228%
45	12.992	1850	1854	1855	rBV	54839	48798	2.38%	0.209%
46	13.022	1855	1859	1865	rVB	1944170	1786126	87.21%	7.655%
47	13.092	1865	1871	1875	rBV2	61694	104995	5.13%	0.450%
48	13.180	1882	1886	1887	rBV3	51631	56848	2.78%	0.244%
49	13.204	1887	1890	1893	rVB	98052	98192	4.79%	0.421%
50	13.269	1898	1901	1904	rVV	65246	56282	2.75%	0.241%
51	13.310	1904	1908	1910	rVV2	87350	98597	4.81%	0.423%
52	13.333	1910	1912	1915	rVB	30582	26645	1.30%	0.114%
53	13.398	1920	1923	1926	rBV	40662	38247	1.87%	0.164%
54	13.433	1926	1929	1932	rBV2	44547	41669	2.03%	0.179%
55	13.586	1951	1955	1957	rBV3	31257	39533	1.93%	0.169%
56	13.610	1957	1959	1965	rVB6	17215	29024	1.42%	0.124%
57	13.710	1973	1976	1981	rVB	74410	76093	3.72%	0.326%
58	13.827	1990	1996	1998	rBV2	67149	88285	4.31%	0.378%
59	13.857	1998	2001	2003	rVV	56078	46373	2.26%	0.199%
60	13.880	2003	2005	2009	rVB2	40398	48476	2.37%	0.208%
61	13.922	2009	2012	2016	rBV	93517	96701	4.72%	0.414%
62	13.998	2023	2025	2031	rVB3	21387	26237	1.28%	0.112%
63	14.080	2031	2039	2041	rBV2	606991	869275	42.45%	3.726%
64	14.104	2041	2043	2049	rVB	368694	330648	16.15%	1.417%
65	14.180	2049	2056	2059	rBV3	59484	79837	3.90%	0.342%
66	14.222	2061	2063	2068	rBV3	29731	47850	2.34%	0.205%
67	14.310	2076	2078	2080	rVB	33340	25755	1.26%	0.110%
68	14.463	2100	2104	2108	rVB	55996	65015	3.17%	0.279%
69	14.504	2108	2111	2114	rVV2	34055	36561	1.79%	0.157%
70	14.545	2114	2118	2119	rVV4	25375	31626	1.54%	0.136%
71	14.592	2123	2126	2128	rVV	38113	40796	1.99%	0.175%
72	14.616	2128	2130	2133	rVV2	38951	38222	1.87%	0.164%
73	14.669	2137	2139	2145	rVB3	24497	24964	1.22%	0.107%
74	14.780	2154	2158	2161	rBV3	24302	29849	1.46%	0.128%
75	14.810	2161	2163	2169	rVB6	16934	22436	1.10%	0.096%
76	14.863	2169	2172	2174	rBV2	25629	28641	1.40%	0.123%

LSC Area Percent Report

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Operator : CG\JU
Sample : N6038-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-31-(1-3)

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-BF120822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.939	2181	2185	2187	rBV2	20986	26554	1.30%	0.114%
78	15.139	2213	2219	2222	rBV	289764	462702	22.59%	1.983%
79	15.251	2234	2238	2241	rVB	59022	61467	3.00%	0.263%
80	15.451	2267	2272	2279	rVB	175223	248678	12.14%	1.066%
81	15.516	2279	2283	2289	rBV	284645	342820	16.74%	1.469%
82	15.586	2289	2295	2298	rVV	314807	433813	21.18%	1.859%
83	15.610	2298	2299	2307	rVB2	82499	103879	5.07%	0.445%
84	15.951	2354	2357	2364	rVB5	11171	23911	1.17%	0.102%
85	16.033	2364	2371	2374	rBV5	13608	28510	1.39%	0.122%
86	16.933	2511	2524	2530	rBV6	25470	83896	4.10%	0.360%
87	17.098	2545	2552	2561	rVB2	125189	265021	12.94%	1.136%
88	17.186	2563	2567	2574	rVB4	10800	23883	1.17%	0.102%
89	17.286	2577	2584	2589	rBV2	23444	47122	2.30%	0.202%
90	17.351	2589	2595	2599	rBV3	19195	32493	1.59%	0.139%
91	17.557	2623	2630	2642	rVB2	97373	198686	9.70%	0.852%
92	17.804	2666	2672	2678	rBV3	18526	36352	1.78%	0.156%
93	17.933	2689	2694	2703	rBV3	8620	22525	1.10%	0.097%

Sum of corrected areas: 23332656

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
Data File : BF131658.D
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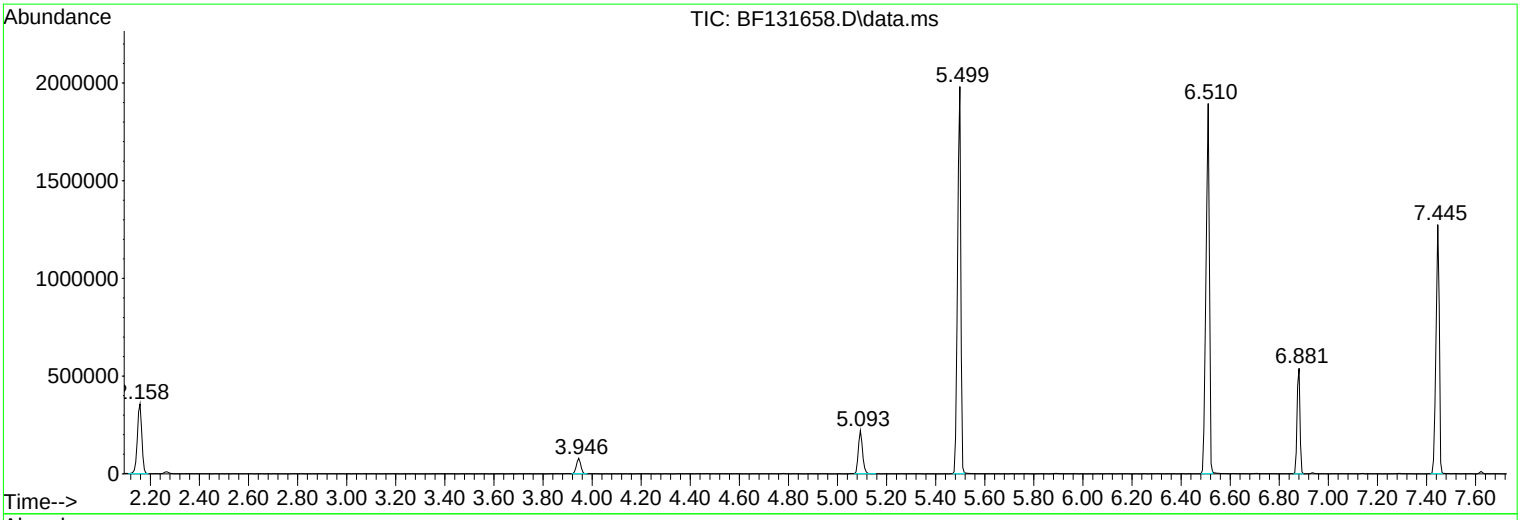
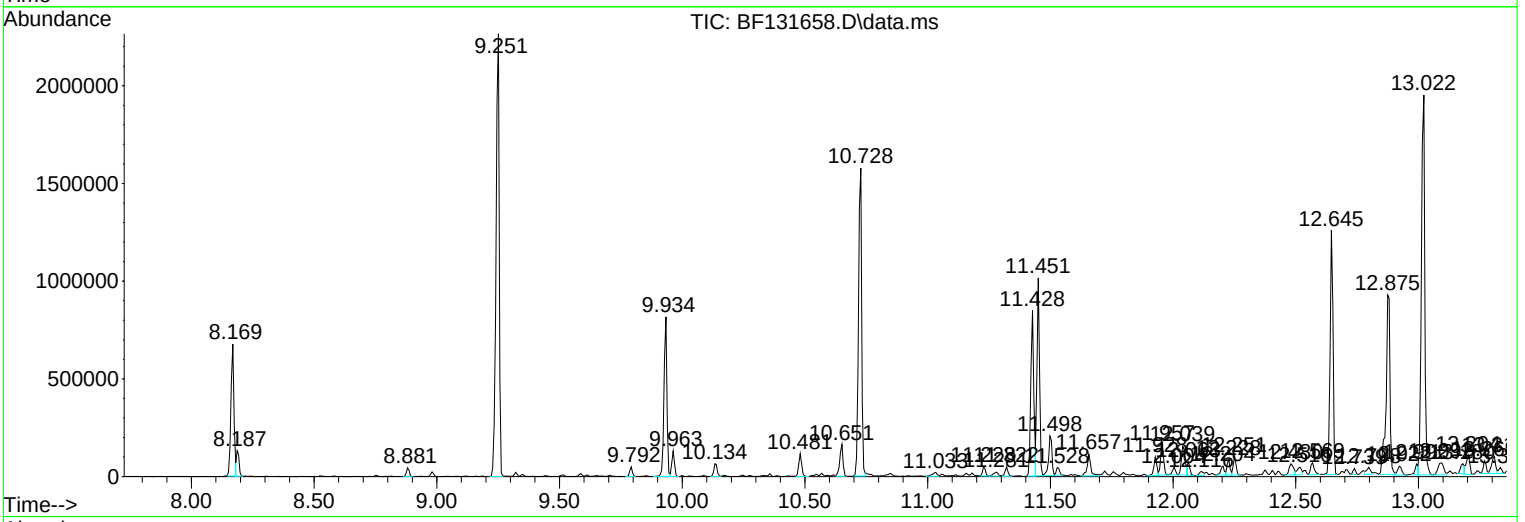
Sample : N6038-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

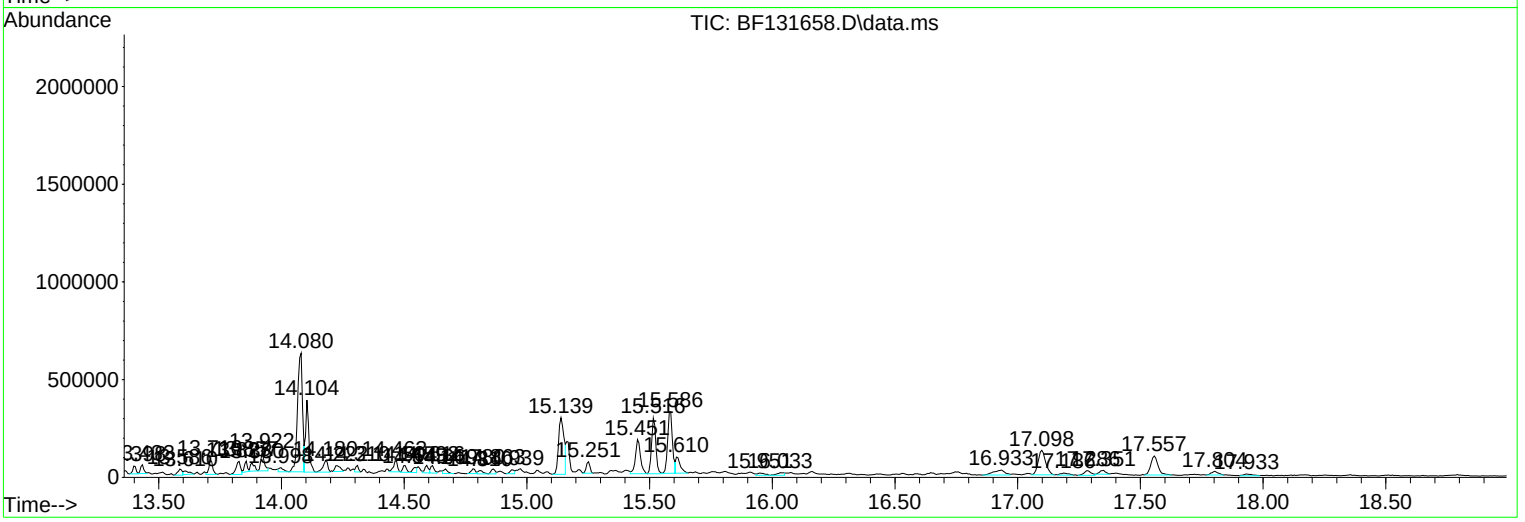
Instrument :
BNA_F
ClientSampleId :
RB-31-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.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\BF121522\
Data File : BF131658.D
Acq On : 15 Dec 2022 20:03
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Sample : N6038-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-31-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

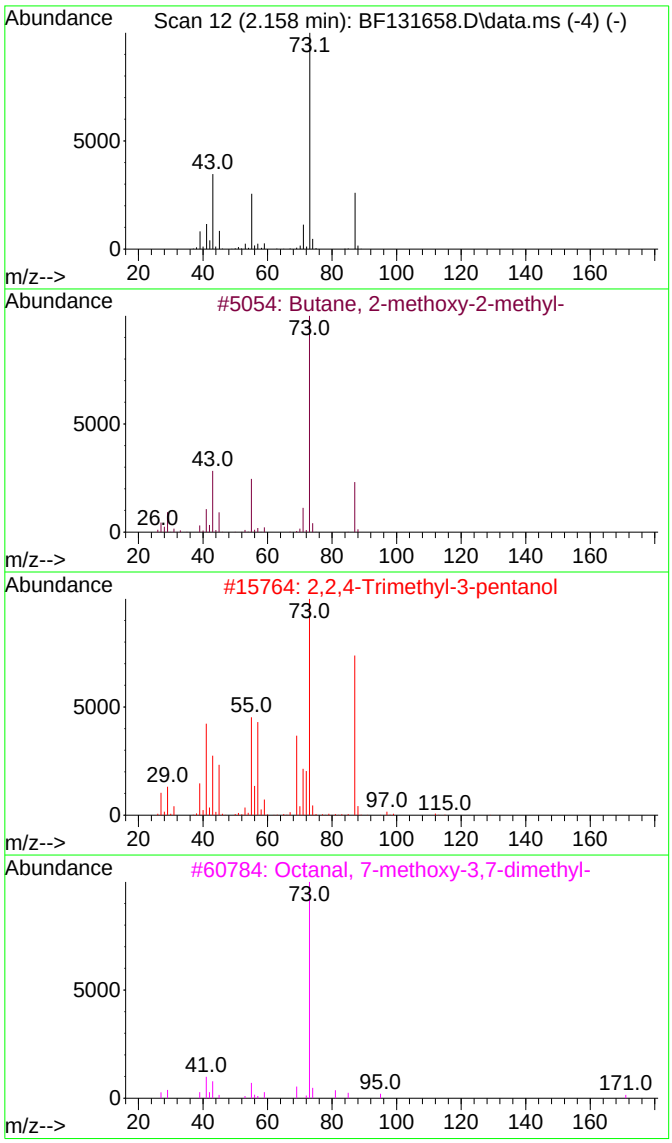
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

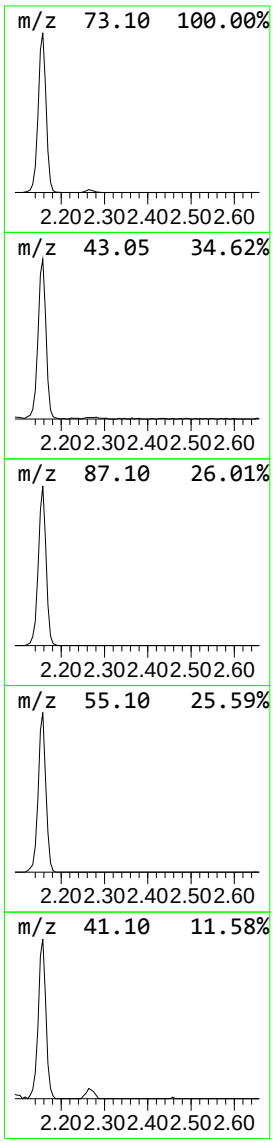
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.158	20.12 ng	450575	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
Data File : BF131658.D
Acq On : 15 Dec 2022 20:03
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Sample : N6038-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-31-(1-3)

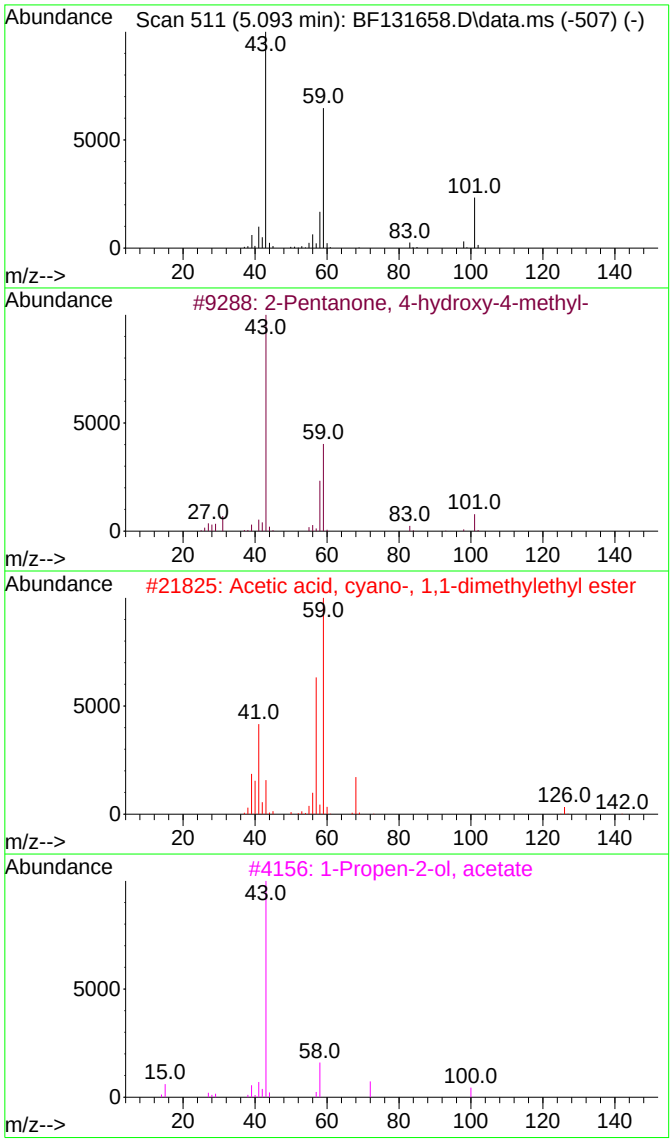
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

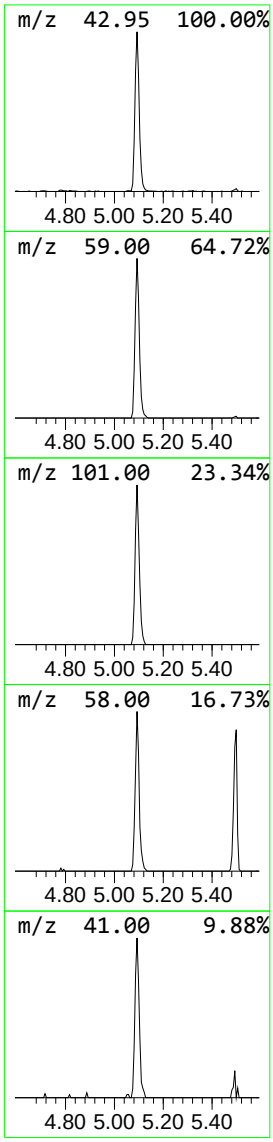
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	11.77 ng	263549	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
Data File : BF131658.D
Acq On : 15 Dec 2022 20:03
Operator : CG\JU
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-31-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

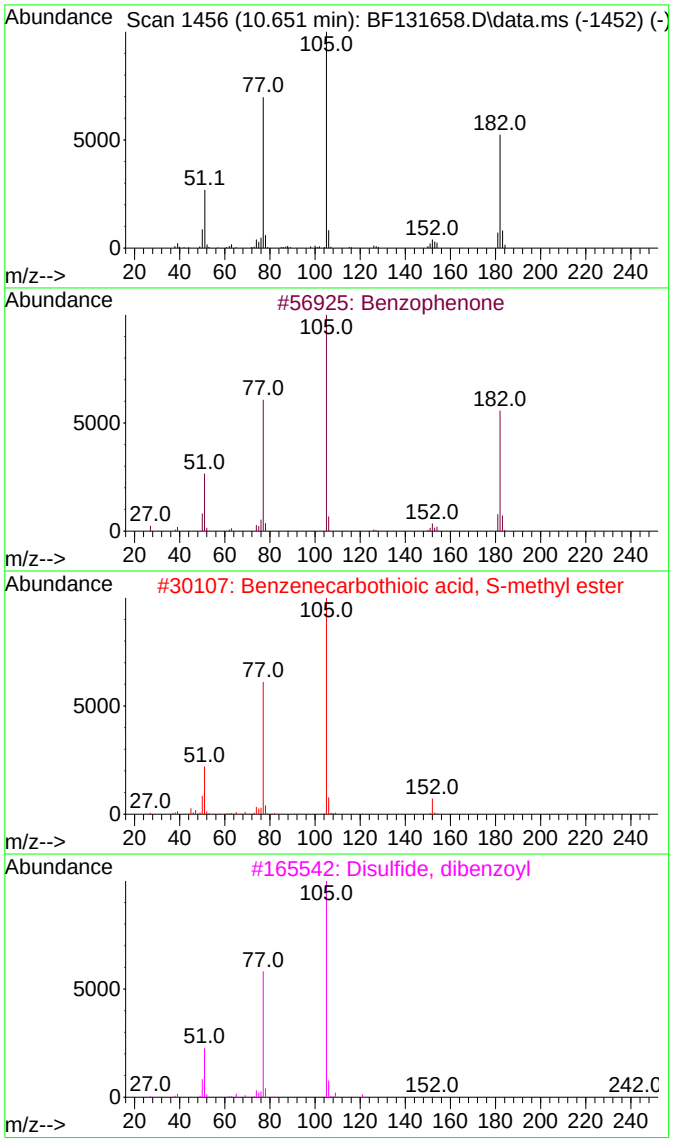
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

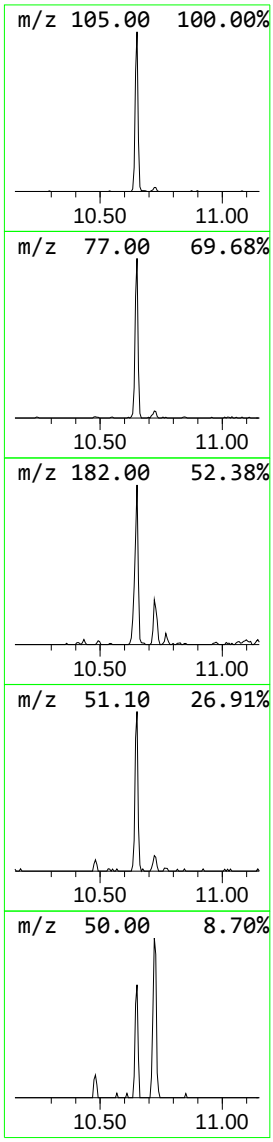
****

Peak Number 4 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	4.24 ng	144485	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	58
3	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	49
4	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
5	Benzenecarbothioic acid	138	C7H6OS	000098-91-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
Data File : BF131658.D
Acq On : 15 Dec 2022 20:03
Operator : CG\JU
Sample : N6038-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-31-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

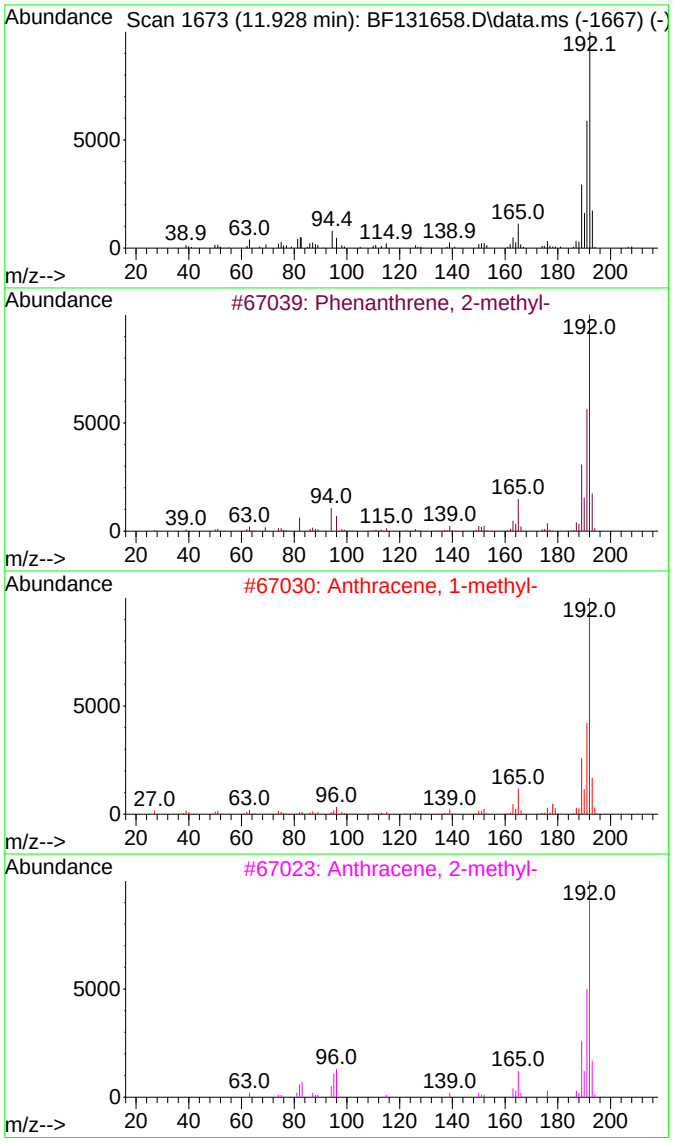
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

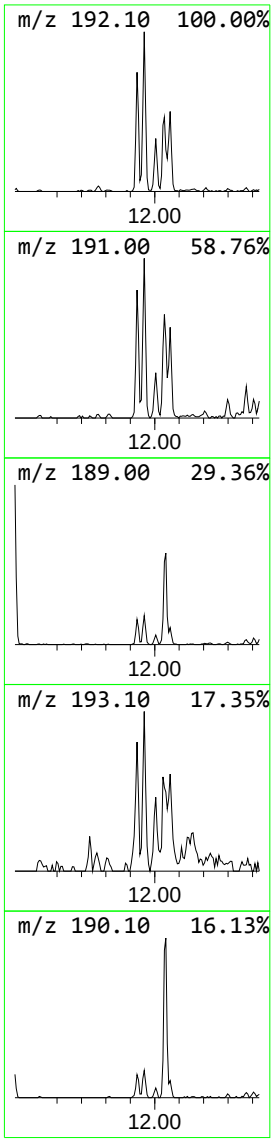
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	2.24 ng	81676	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
Data File : BF131658.D
Acq On : 15 Dec 2022 20:03
Operator : CG\JU
Sample : N6038-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-31-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

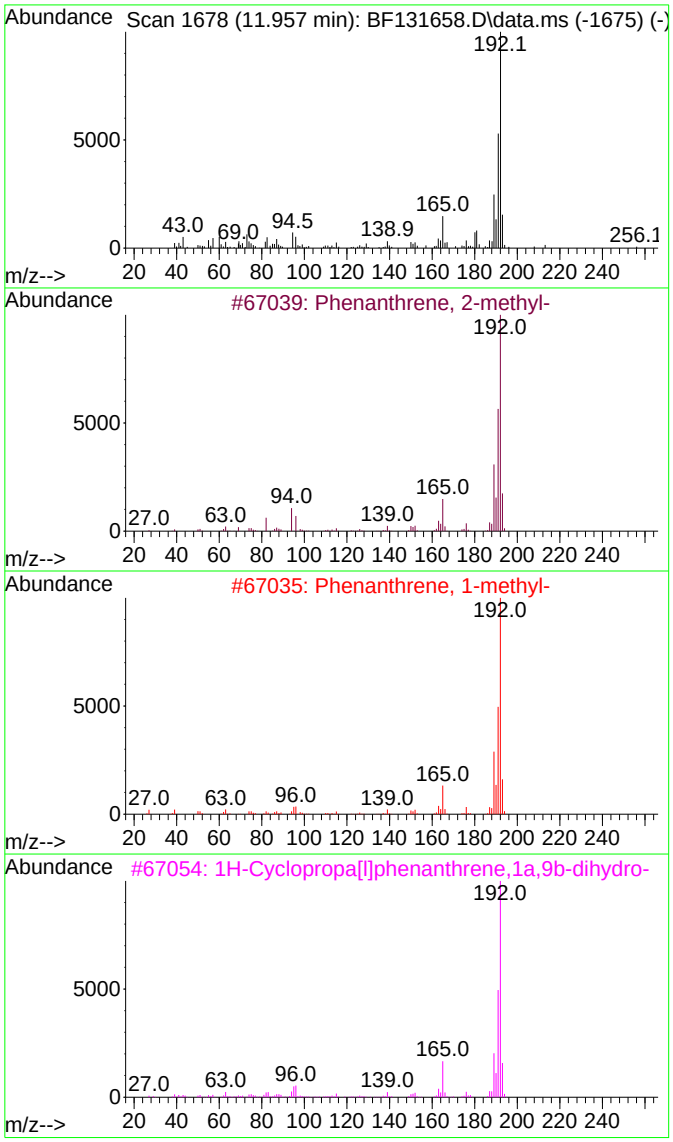
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

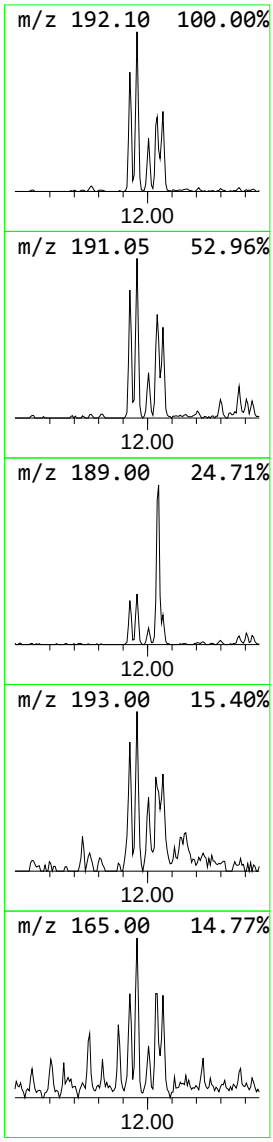
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	3.62 ng	132300	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94





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Acq On : 15 Dec 2022 20:03
Operator : CG\JU
Sample : N6038-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

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BNA_F
ClientSampleId :
RB-31-(1-3)

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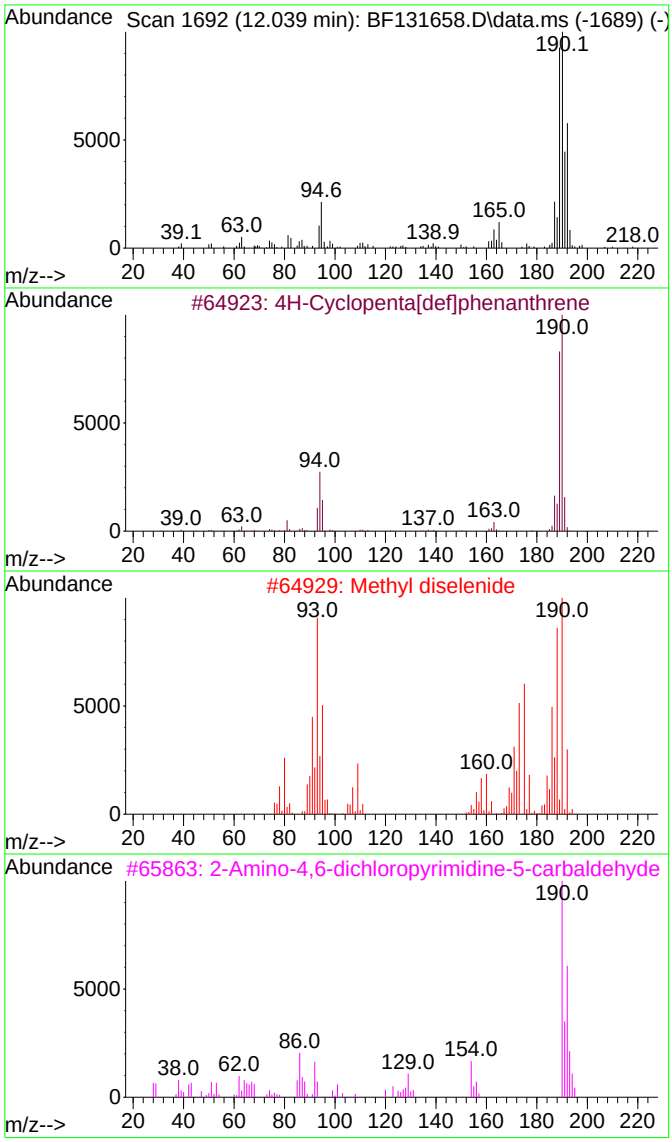
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

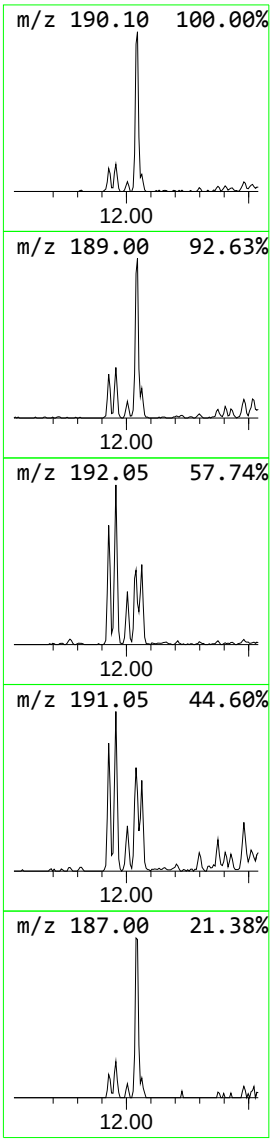
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	4.49 ng	163881	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Methyl diselenide	190	C2H6Se2	007101-31-7	43
3	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	38
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
5	1,2,3,4,5,6,7,8,9,10-Decahydro-5...	190	C13H18O	1000497-99-5	22





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

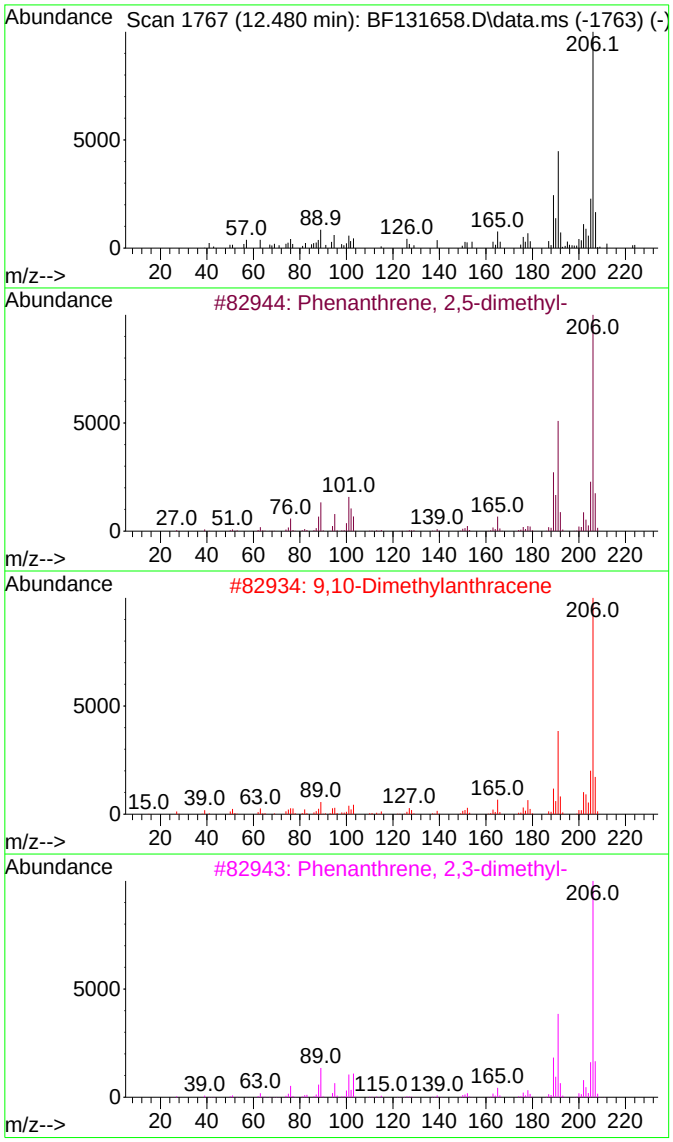
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

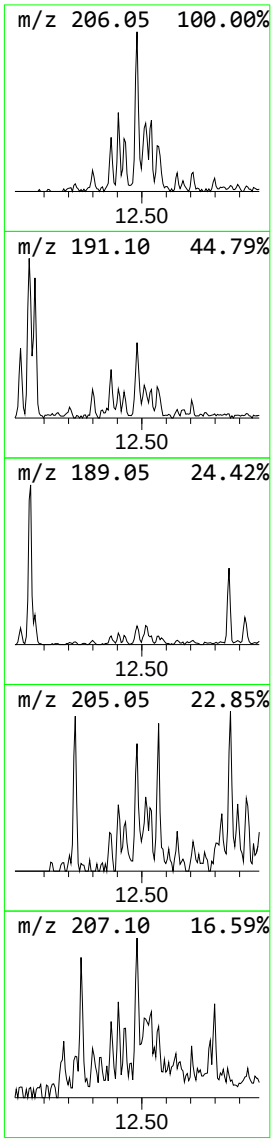
****

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	2.05 ng	74868	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Misc :
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ClientSampleId :
RB-31-(1-3)

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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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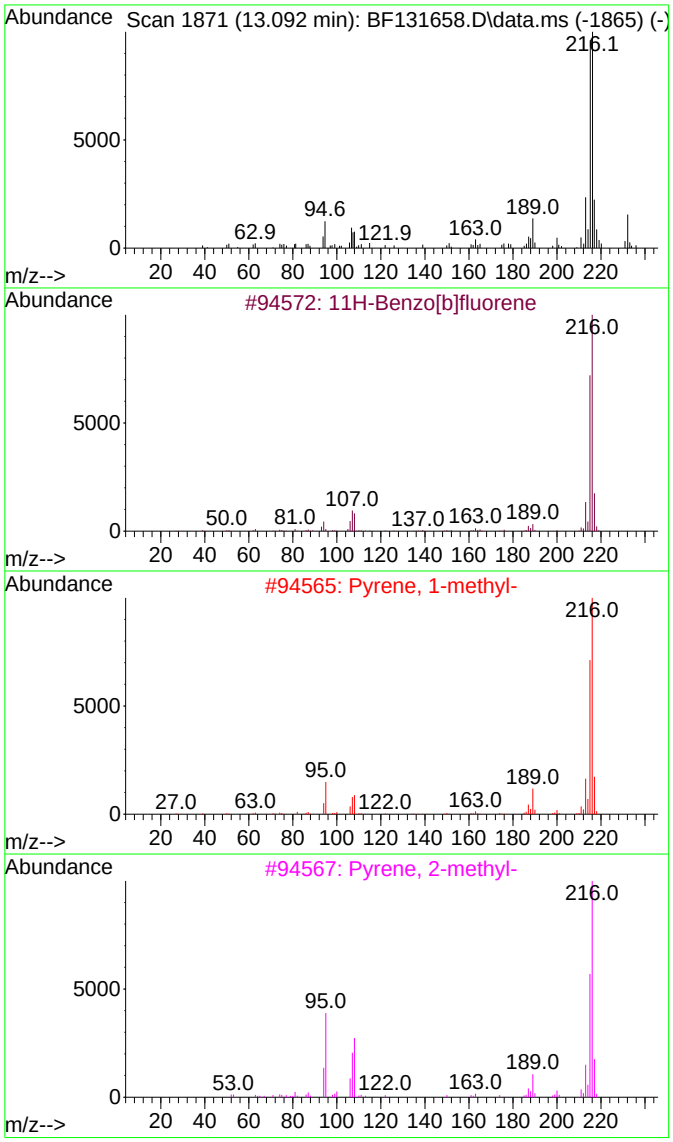
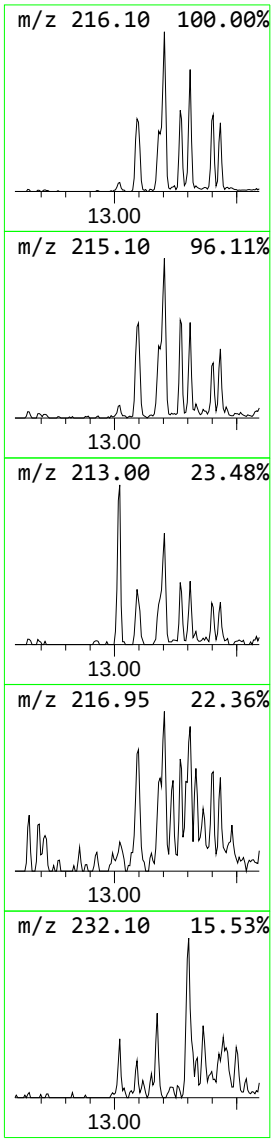
Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	2.42 ng	104995	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74





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ClientSampleId :
RB-31-(1-3)

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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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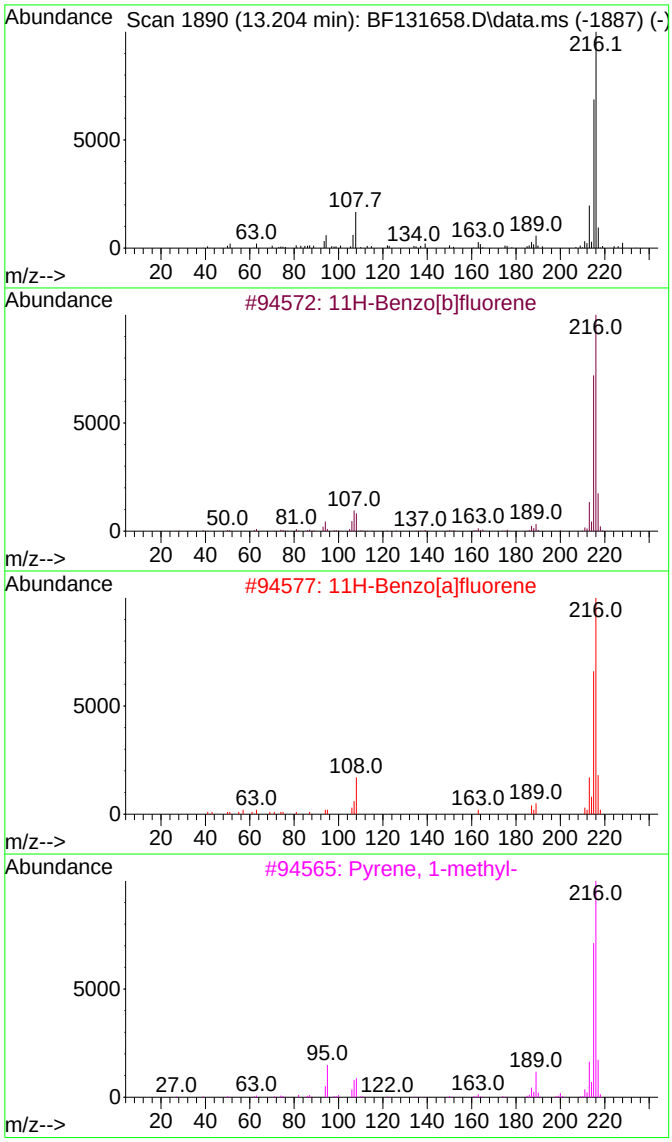
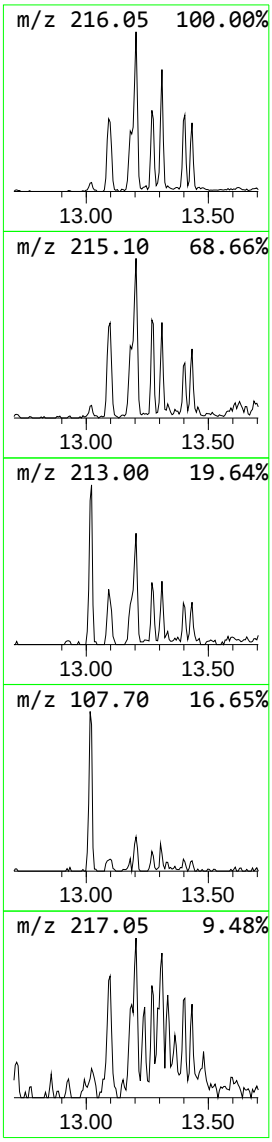
Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	2.26 ng	98192	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
4	Pyridin-3-ol, 2-(4-nitrophenyl)-	216	C11H8N2O3	030820-89-4	64
5	1,3-Dihydro-5,6-dimethyl-1-(2-pr...	216	C12H12N2S	080276-22-8	59





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Sample : N6038-05
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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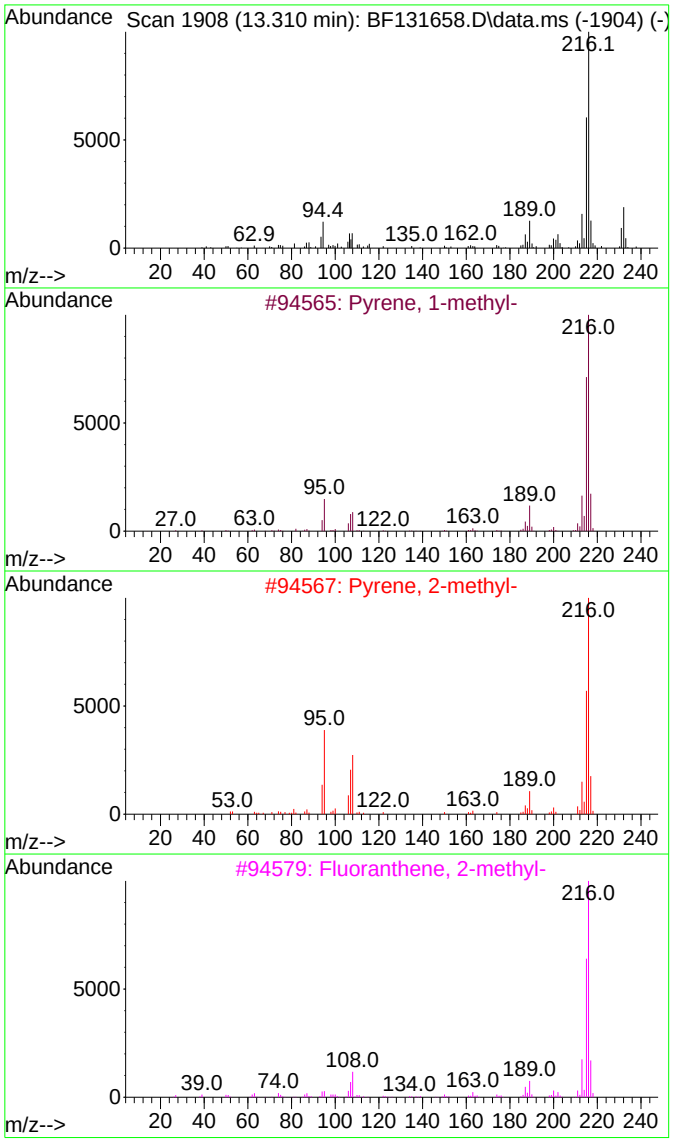
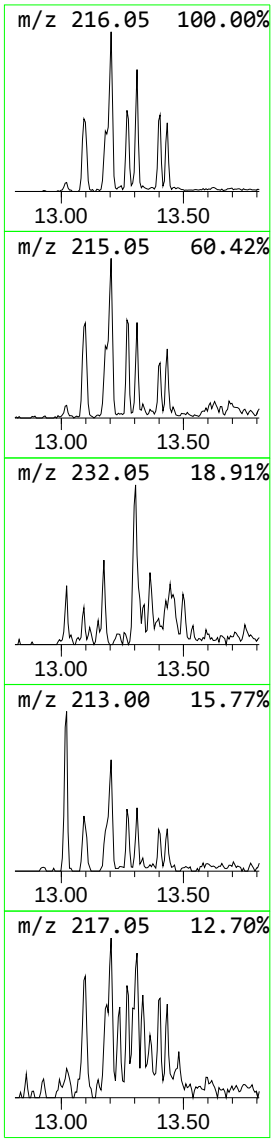
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.310	2.27 ng	98597	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	70





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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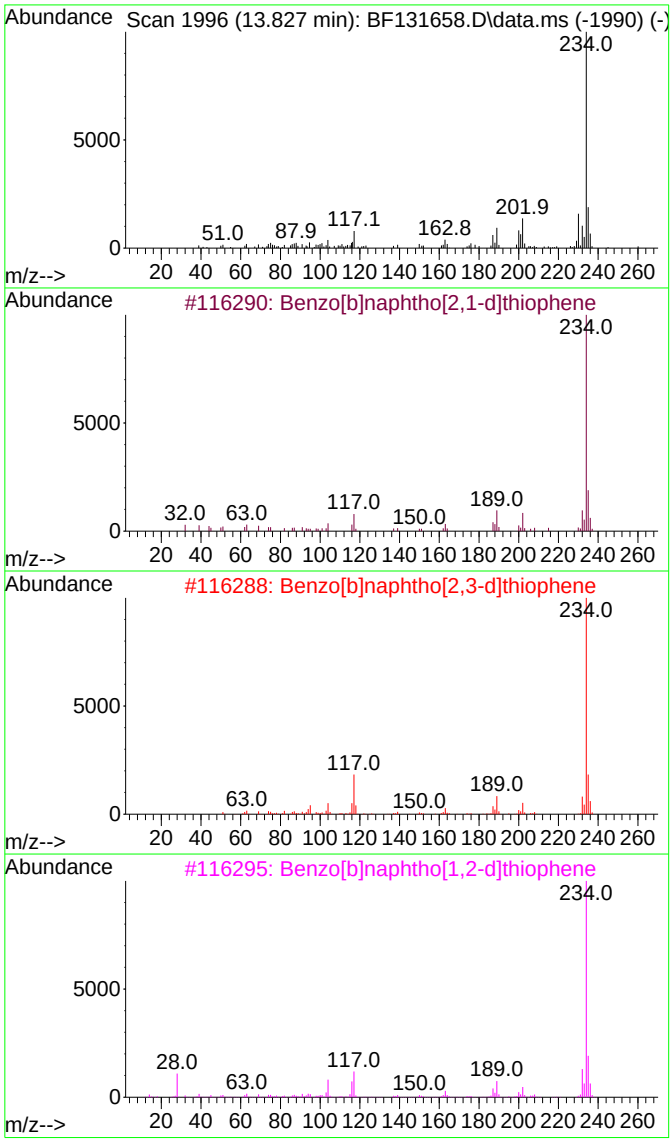
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

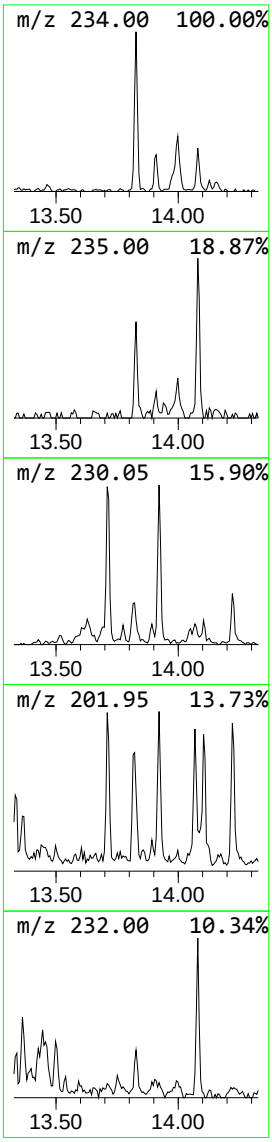
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.827	2.03 ng	88285	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	93
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	89
4	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	68
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	53





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Sample : N6038-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RB-31-(1-3)

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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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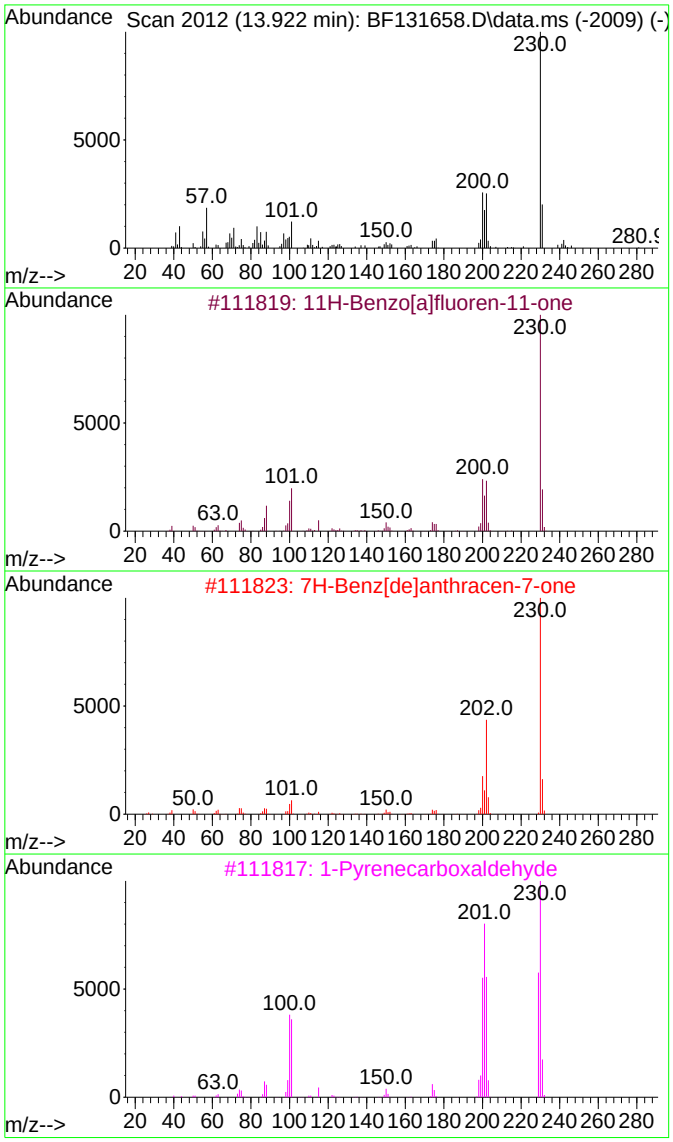
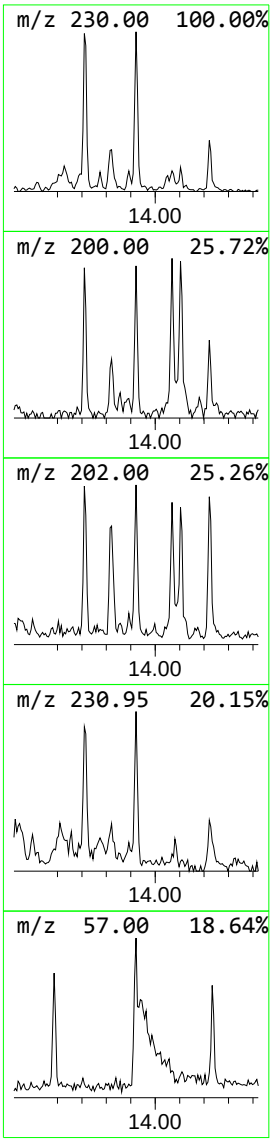
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.922	2.22 ng	96701	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	90
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	80
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78
4	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	68
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59





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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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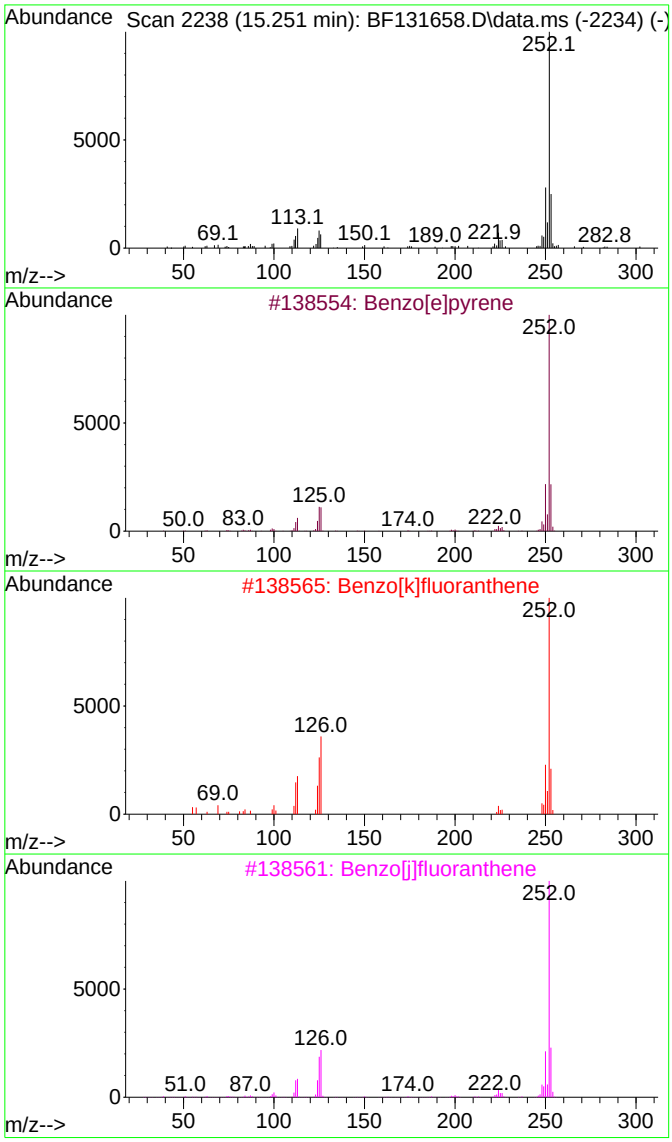
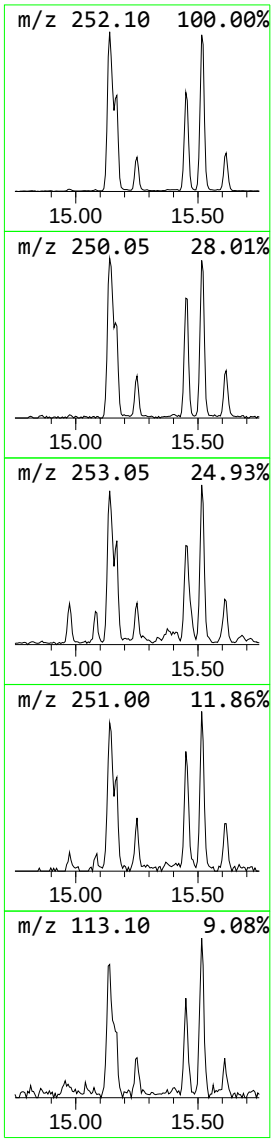
Peak Number 14 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.251	2.83 ng	61467	Perylene-d12	15.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	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

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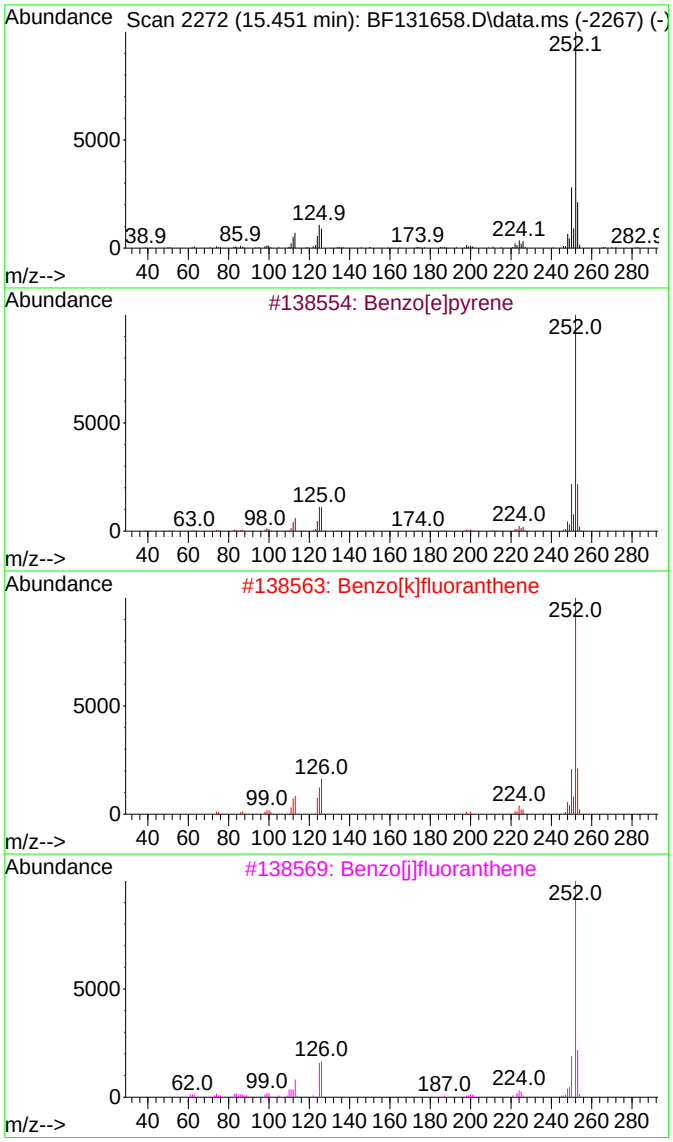
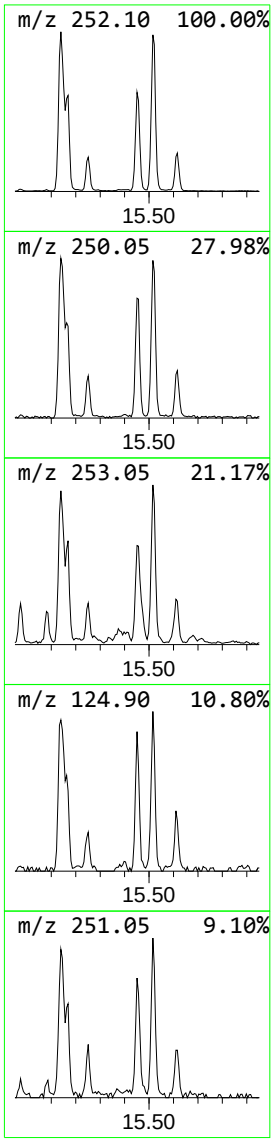
Peak Number 15 Benzo[j]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.451	11.46 ng	248678	Perylene-d12	15.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





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ALS Vial : 19 Sample Multiplier: 1

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RB-31-(1-3)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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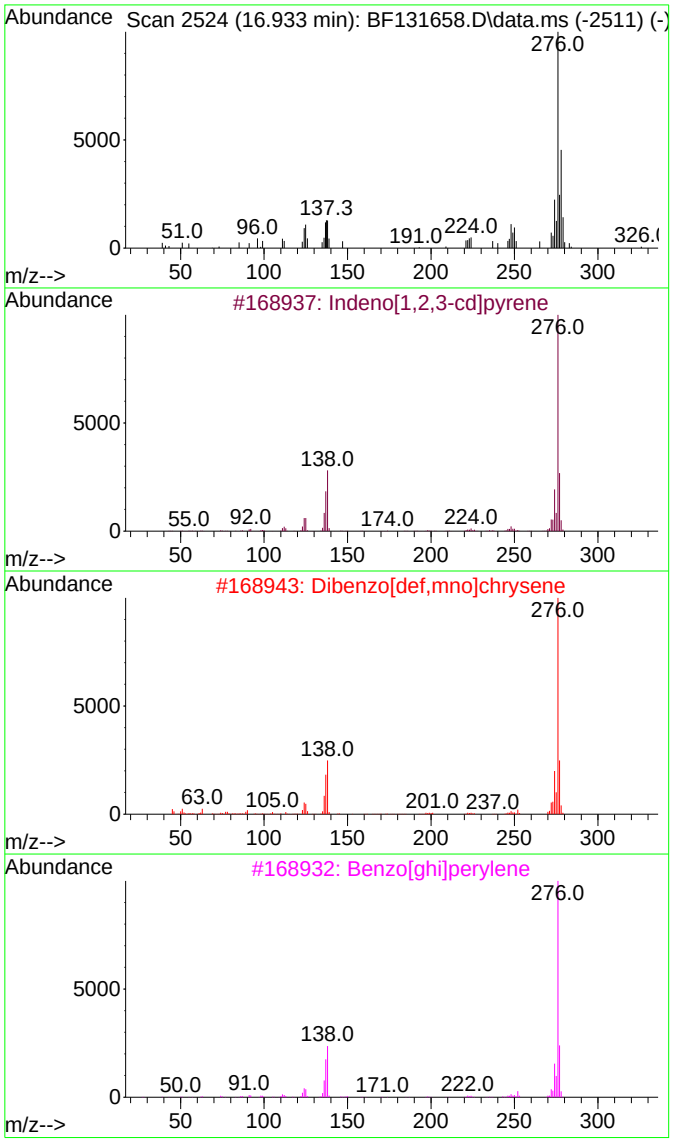
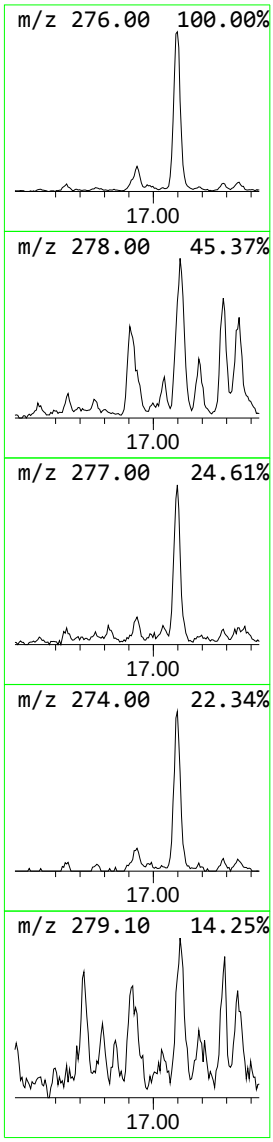
Peak Number 16 Dibenzo[def,mno]chrysene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.933	3.87 ng	83896	Perylene-d12	15.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	64
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	53
3	Benzo[ghi]perylene	276	C22H12	000191-24-2	53
4	4-Hydroxy-4'-chlorobiphenyl, tri...	276	C15H17ClOSi	1010447-63-1	52
5	4-Hydroxy-2-chlorobiphenyl, trim...	276	C15H17ClOSi	1000447-61-8	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

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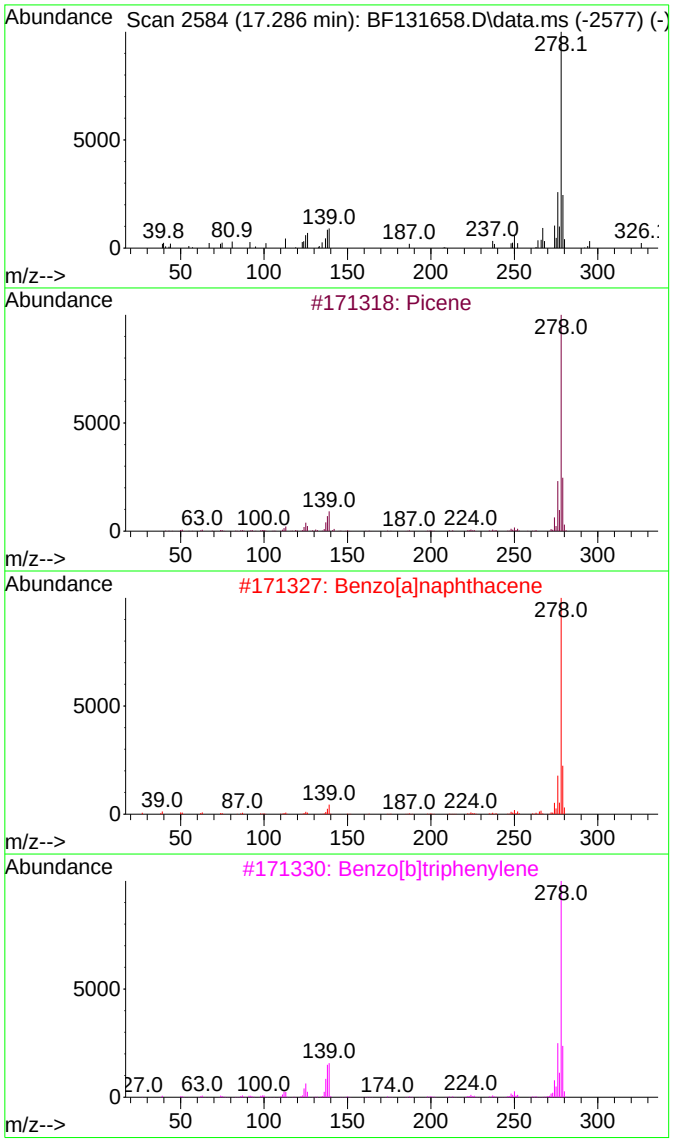
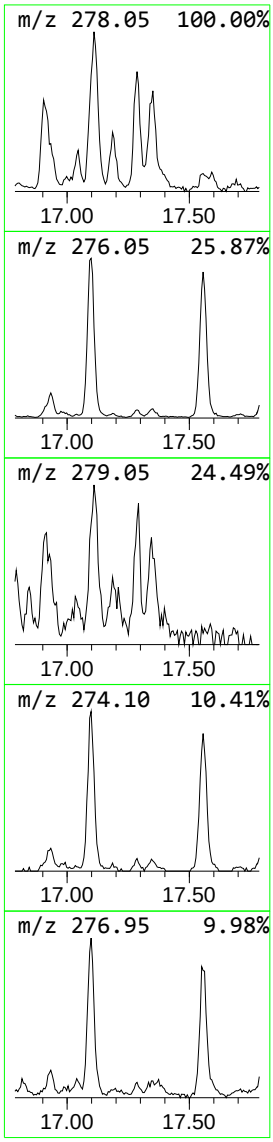
Peak Number 17 Picene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.286	2.17 ng	47122	Perylene-d12	15.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	96
2	Benzo[a]naphthacene	278	C22H14	000226-88-0	76
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	70
4	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	70
5	Benzo[b]chrysene	278	C22H14	000214-17-5	70





Tentatively Identified Compound (LSC) summary

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Data File : BF131658.D
Acq On : 15 Dec 2022 20:03
Operator : CG\JU
Sample : N6038-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-31-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.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...	2.158	20.1	ng	450575	1	6.881	447901	20.0
2-Pentanone, 4-...	5.093	11.8	ng	263549	1	6.881	447901	20.0
Benzophenone	10.651	4.2	ng	144485	3	9.934	681636	20.0
Phenanthrene, 2...	11.928	2.2	ng	81676	4	11.428	730594	20.0
Phenanthrene, 1...	11.957	3.6	ng	132300	4	11.428	730594	20.0
4H-Cyclopenta[d...	12.039	4.5	ng	163881	4	11.428	730594	20.0
Phenanthrene, 2...	12.480	2.0	ng	74868	4	11.428	730594	20.0
11H-Benzo[b]flu...	13.092	2.4	ng	104995	5	14.080	869275	20.0
11H-Benzo[a]flu...	13.204	2.3	ng	98192	5	14.080	869275	20.0
Pyrene, 1-methyl-	13.310	2.3	ng	98597	5	14.080	869275	20.0
Benzo[b]naphtho...	13.827	2.0	ng	88285	5	14.080	869275	20.0
11H-Benzo[a]flu...	13.922	2.2	ng	96701	5	14.080	869275	20.0
Benzo[e]pyrene	15.251	2.8	ng	61467	6	15.586	433813	20.0
Benzo[j]fluoran...	15.451	11.5	ng	248678	6	15.586	433813	20.0
Dibenzo[def,mno...	16.933	3.9	ng	83896	6	15.586	433813	20.0
Picene	17.286	2.2	ng	47122	6	15.586	433813	20.0