LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124079.D
Acq On : 26 May 2021 23:25
Operator : JU/CG
Sample : M2535-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHOST-5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124079.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	16	23	30	rVB	395487	493505	30.88%	3.134%
2	5.128	513	517	522	rVB	33081	39201	2.45%	0.249%
3	5.387	558	561	565	rBV2	32312	32716	2.05%	0.208%
4	5.492	575	579	580	rBV	112936	104781	6.56%	0.665%
5	5.516	580	583	587	rVB	1270798	1292066	80.85%	8.206%
6	5.745	620	622	625	rBV	32296	25643	1.60%	0.163%
7	6.416	734	736	739	rBV	76493	67545	4.23%	0.429%
8	6.451	739	742	745	rVB	31776	23323	1.46%	0.148%
9	6.522	745	754	757	rBV	1242339	1323715	82.83%	8.407%
10	6.581	760	764	768	rVB	30531	29164	1.82%	0.185%
11	6.716	784	787	797	rVB	210436	196237	12.28%	1.246%
12	6.892	813	817	824	rBV	477873	390788	24.45%	2.482%
13	6.951	824	827	829	rBV	39148	32373	2.03%	0.206%
14	7.016	834	838	845	rBV	18720	24460	1.53%	0.155%
15	7.069	845	847	852	rVB	33112	27607	1.73%	0.175%
16	7.169	861	864	868	rBV	32987	30139	1.89%	0.191%
17	7.210	868	871	873	rBV	43709	32119	2.01%	0.204%
18	7.451	905	912	915	rBV	865427	939140	58.77%	5.965%
19	7.686	949	952	955	rVB	29848	22220	1.39%	0.141%
20	7.910	983	990	994	rBV3	34522	40404	2.53%	0.257%
21	8.175	1026	1035	1037	rBV	524923	465976	29.16%	2.959%
22	8.192	1037	1038	1041	rVB	101020	77631	4.86%	0.493%
23	8.886	1153	1156	1161	rVB	55464	47656	2.98%	0.303%
24	8.986	1169	1173	1177	rVB2	34517	30583	1.91%	0.194%
25	9.251	1213	1218	1221	rBV	2061580	1598083	100.00%	10.150%
26	9.363	1232	1237	1249	rVB	263858	287309	17.98%	1.825%
27	9.639	1281	1284	1288	rVB	172583	129404	8.10%	0.822%
28	9.933	1328	1334	1337	rBV	554948	521283	32.62%	3.311%
29	9.963	1337	1339	1343	rVB	81758	57061	3.57%	0.362%
30	10.133	1365	1368	1372	rVB	73592	61370	3.84%	0.390%
31	10.474	1423	1426	1431	rBV	76746	72804	4.56%	0.462%
32	10.533	1431	1436	1440	rBV3	35167	65968	4.13%	0.419%
33	10.633	1450	1453	1456	rVB	25236	19664	1.23%	0.125%
34	10.722	1463	1468	1474	rBV	940829	934887	58.50%	5.938%
35	11.027	1513	1520	1523	rBV5	17176	23777	1.49%	0.151%
36	11.221	1550	1553	1558	rVB	24543	21058	1.32%	0.134%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHOST-5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.269	1558	1561	1566	rBV3	18648	27466	1.72%	0.174%
38	11.316	1566	1569	1573	rVB	32827	30277	1.89%	0.192%
39	11.421	1583	1587	1589	rBV	534609	541066	33.86%	3.436%
40	11.445	1589	1591	1594	rVV	696265	499864	31.28%	3.175%
41	11.492	1594	1599	1602	rVB	172159	150052	9.39%	0.953%
42	11.645	1620	1625	1628	rBV2	80373	77354	4.84%	0.491%
43	11.921	1667	1672	1674	rBV	64994	63431	3.97%	0.403%
44	11.951	1674	1677	1680	rVV	110963	110680	6.93%	0.703%
45	11.998	1680	1685	1688	rVV2	40834	44850	2.81%	0.285%
46	12.033	1688	1691	1693	rVV3	81806	92220	5.77%	0.586%
47	12.057	1693	1695	1699	rVB	41610	37852	2.37%	0.240%
48	12.216	1719	1722	1724	rBV	49245	38778	2.43%	0.246%
49	12.239	1724	1726	1729	rVB2	26674	22122	1.38%	0.140%
50	12.468	1761	1765	1769	rBV2	26088	30739	1.92%	0.195%
51	12.510	1769	1772	1778	rVV6	35333	74677	4.67%	0.474%
52	12.557	1778	1780	1785	rVB4	28655	32223	2.02%	0.205%
53	12.633	1789	1793	1796	rVV	492060	397988	24.90%	2.528%
54	12.663	1796	1798	1802	rVB3	35467	32878	2.06%	0.209%
55	12.863	1826	1832	1838	rBV2	331458	351296	21.98%	2.231%
56	12.910	1838	1840	1847	rVB5	27637	27751	1.74%	0.176%
57	12.980	1849	1852	1853	rBV	31502	29068	1.82%	0.185%
58	13.010	1853	1857	1860	rVV	1324999	1231719	77.07%	7.823%
59	13.080	1863	1869	1873	rBV5	34576	67663	4.23%	0.430%
60	13.168	1880	1884	1885	rBV4	23569	27146	1.70%	0.172%
61	13.192	1885	1888	1891	rVB	67584	58934	3.69%	0.374%
62	13.257	1897	1899	1901	rBV2	41859	28168	1.76%	0.179%
63	13.292	1901	1905	1909	rVV2	40112	47587	2.98%	0.302%
64	13.415	1924	1926	1930	rBV3	24484	27214	1.70%	0.173%
65	13.574	1949	1953	1955	rBV5	14218	20106	1.26%	0.128%
66	13.698	1971	1974	1978	rBV2	28734	33855	2.12%	0.215%
67	13.810	1988	1993	1996	rBV3	26954	38304	2.40%	0.243%
68	13.904	2007	2009	2013	rVB2	27388	27052	1.69%	0.172%
69	13.957	2013	2018	2028	rBV5	65122	169492	10.61%	1.076%
70	14.062	2028	2036	2039	rBV2	443720	545493	34.13%	3.464%
71	14.086	2039	2040	2043	rVB	134977	97461	6.10%	0.619%
72	14.168	2049	2054	2057	rBV7	35066	38340	2.40%	0.244%
73	14.286	2071	2074	2078	rBV6	19095	27103	1.70%	0.172%
74	14.451	2099	2102	2105	rVB2	42274	31526	1.97%	0.200%
75	14.533	2113	2116	2121	rBV7	22667	33902	2.12%	0.215%
76	15.115	2212	2215	2223	rVB	97601	180329	11.28%	1.145%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124079.D
Acq On : 26 May 2021 23:25
Operator : JU/CG
Sample : M2535-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHOST-5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.227	2231	2234	2238	rVB2	22793	27285	1.71%	0.173%
78	15.427	2264	2268	2273	rVB	55315	77717	4.86%	0.494%
79	15.492	2275	2279	2285	rVB2	82076	100485	6.29%	0.638%
80	15.556	2285	2290	2294	rBV	264183	318821	19.95%	2.025%
81	16.598	2463	2467	2474	rVB3	28216	52184	3.27%	0.331%
82	17.062	2539	2546	2553	rVB3	38962	86793	5.43%	0.551%
83	17.509	2617	2622	2630	rVB3	27473	56384	3.53%	0.358%

Sum of corrected areas: 15745355

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
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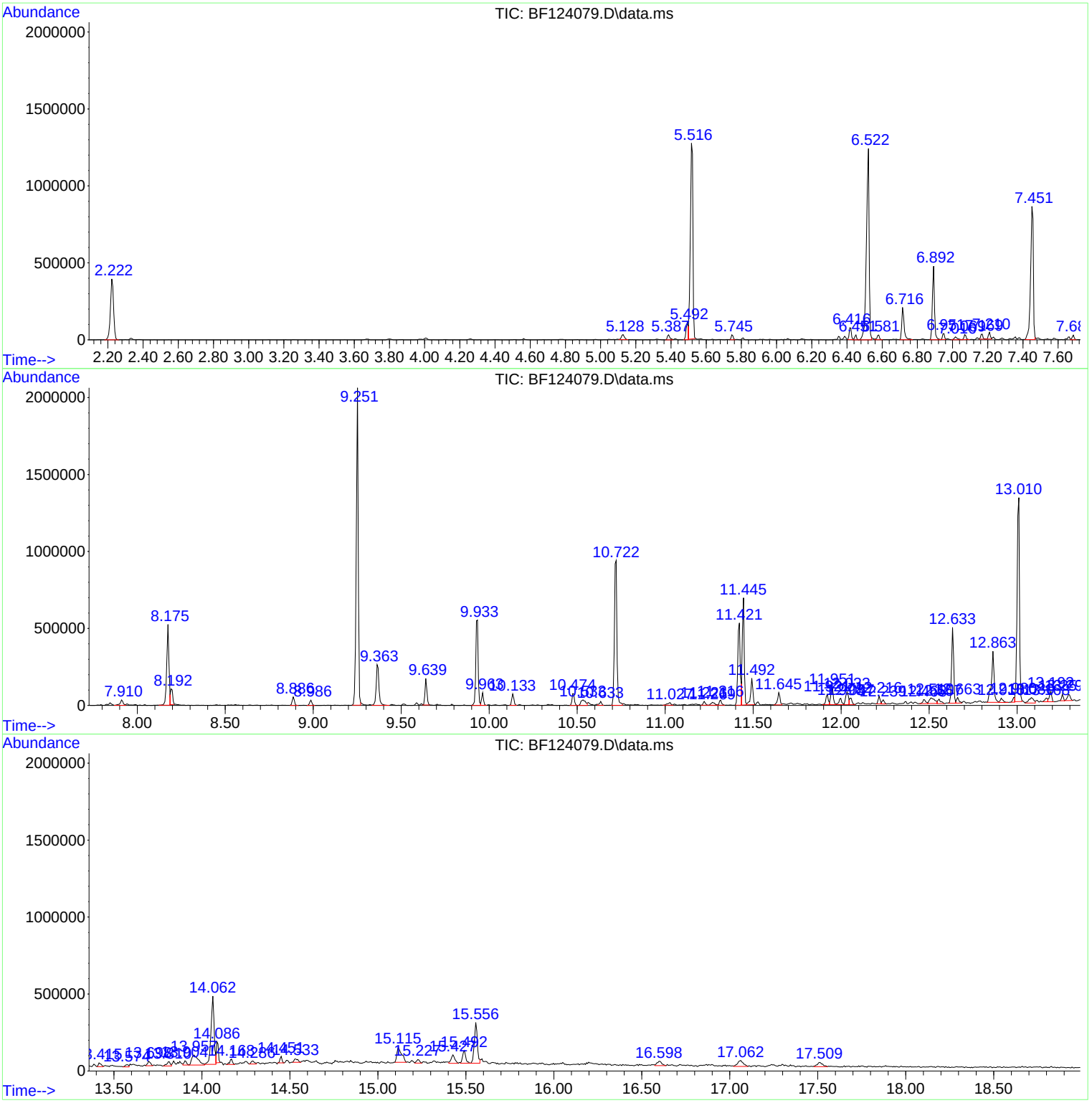
Instrument :
BNA_F
ClientSampleId :
GHOST-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
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Instrument : BNA_F
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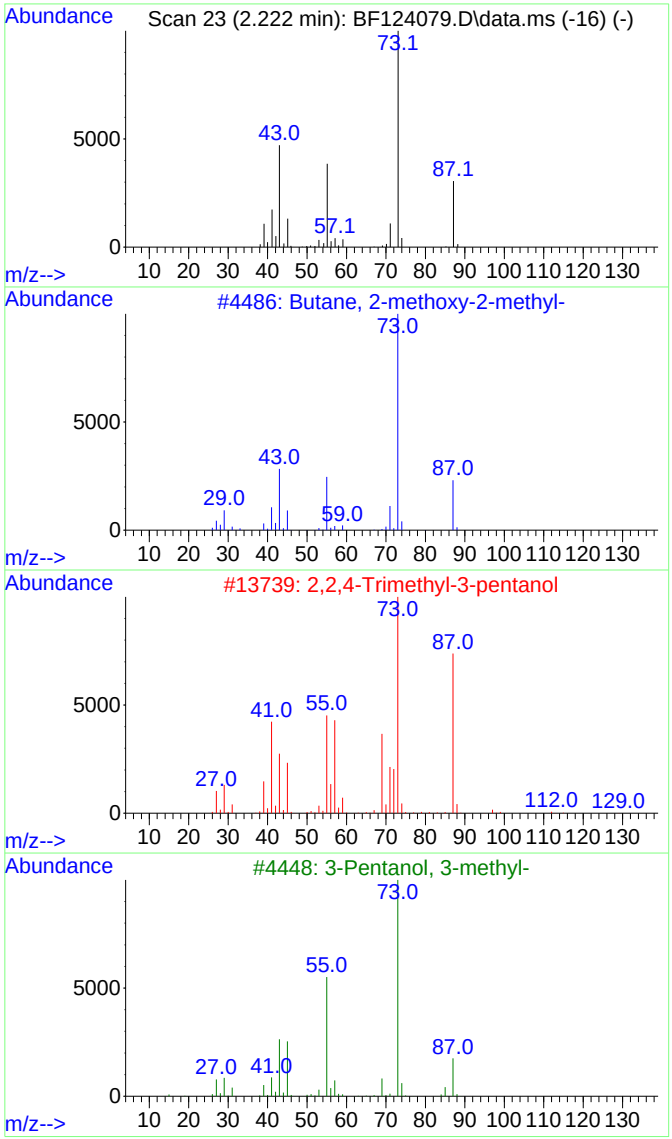
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

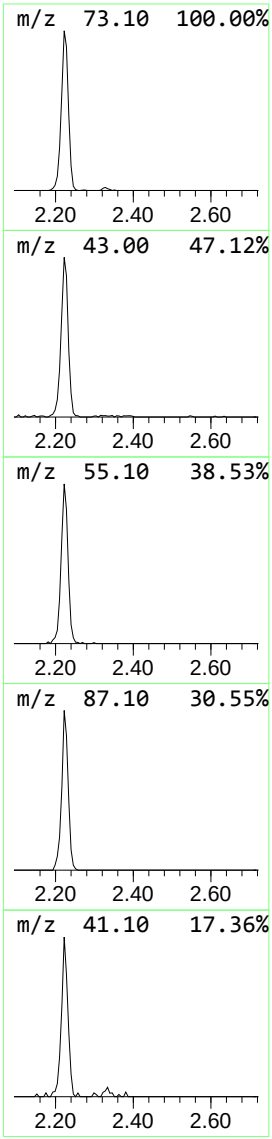
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.222	25.26 ng	493505	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	37
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
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Sample : M2535-09
Misc :
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Instrument :
BNA_F
ClientSampleId :
GHOST-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

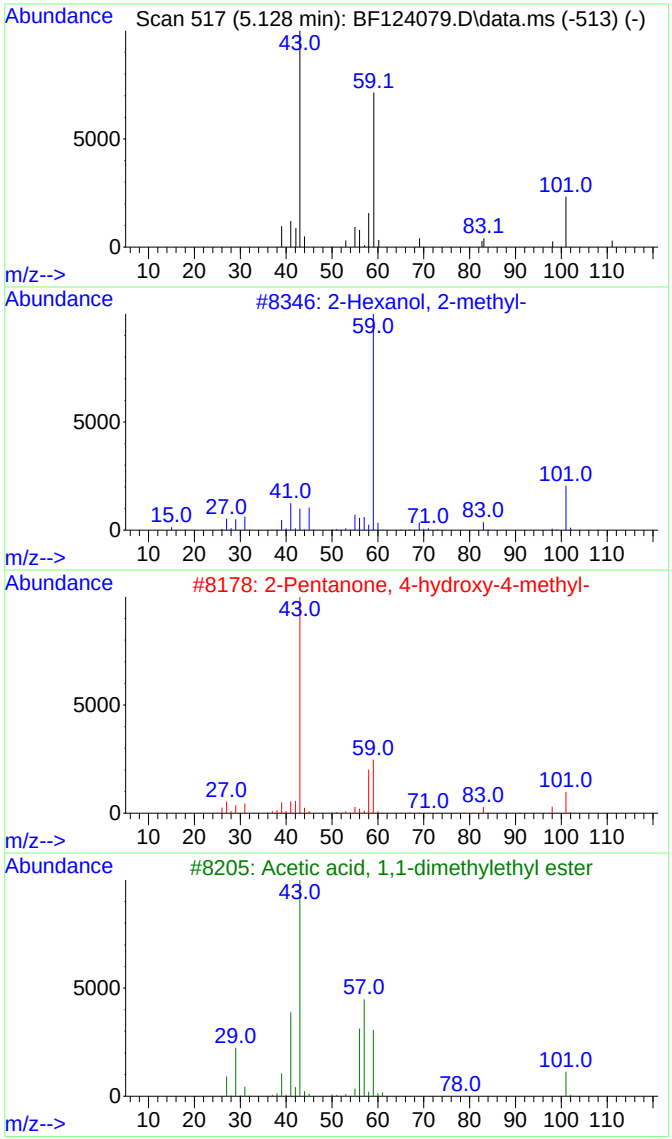
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

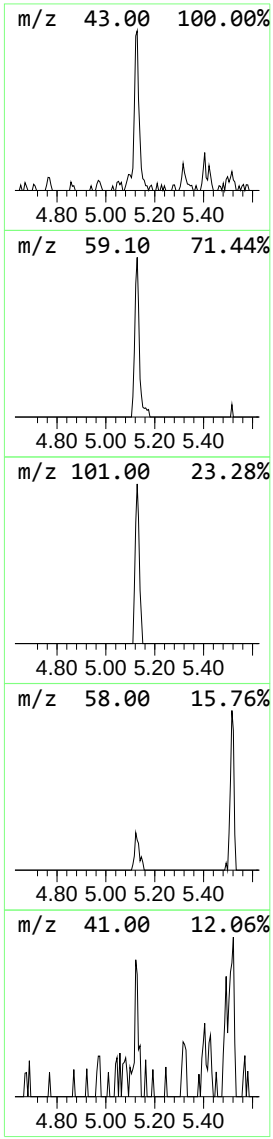
****

Peak Number 2 2-Hexanol, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.128	2.01 ng	39201	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28
5	Butane	58	C4H10	000106-97-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHOST-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

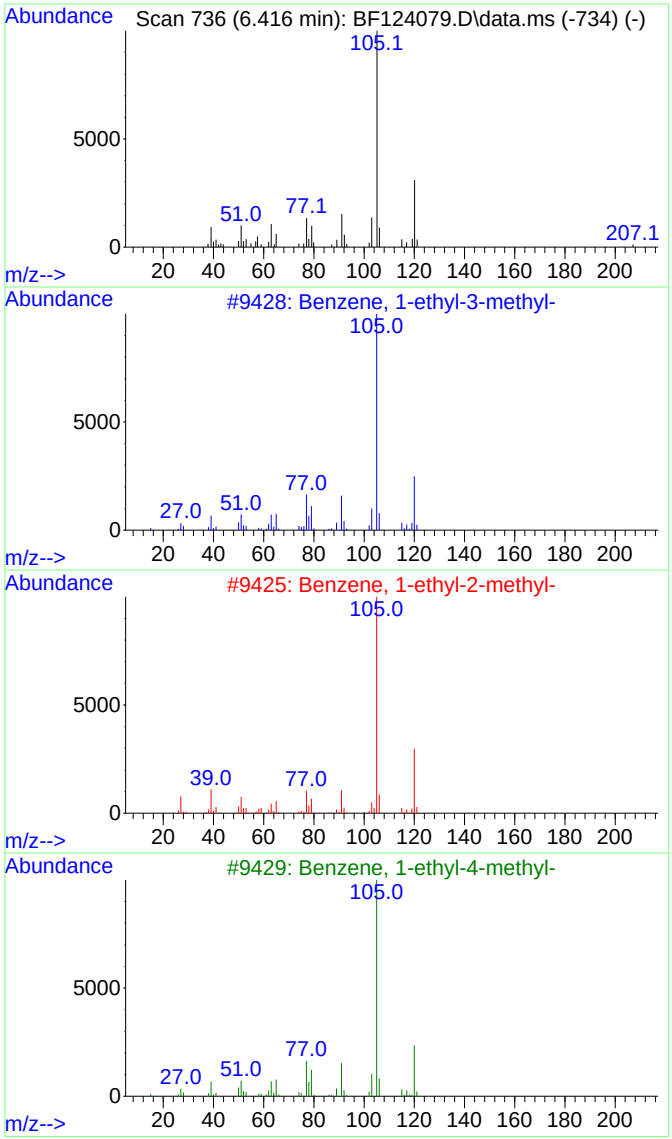
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

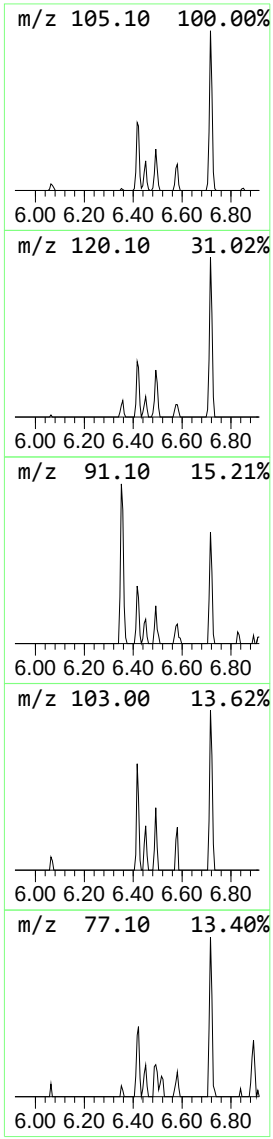
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.416	3.46 ng	67545	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
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Acq On : 26 May 2021 23:25
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Sample : M2535-09
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

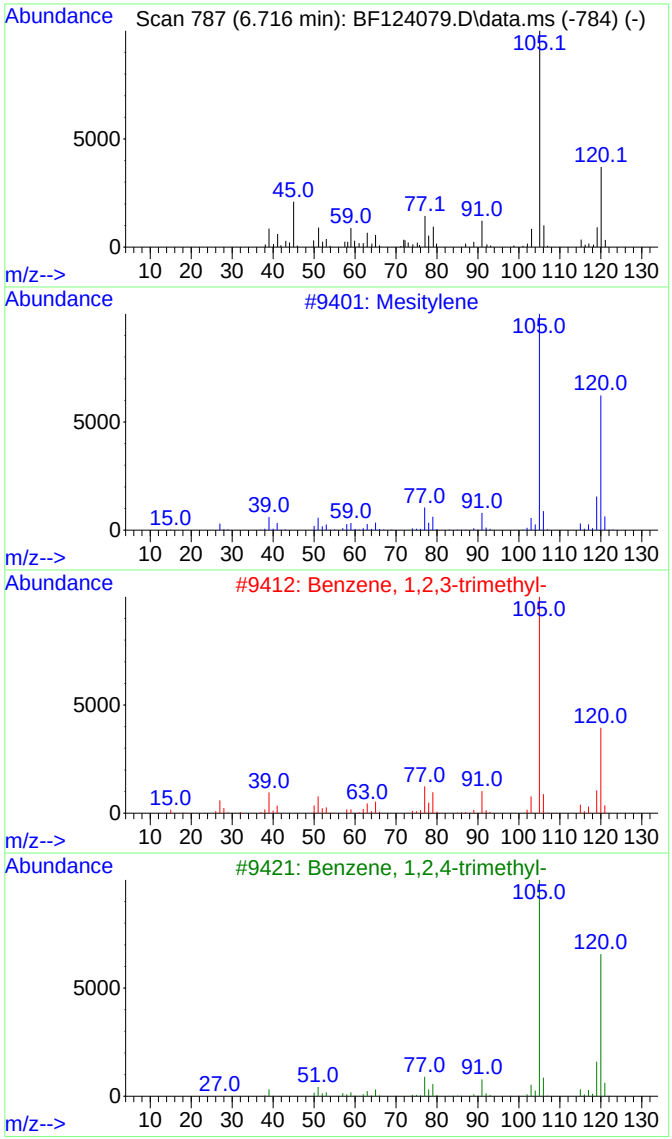
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

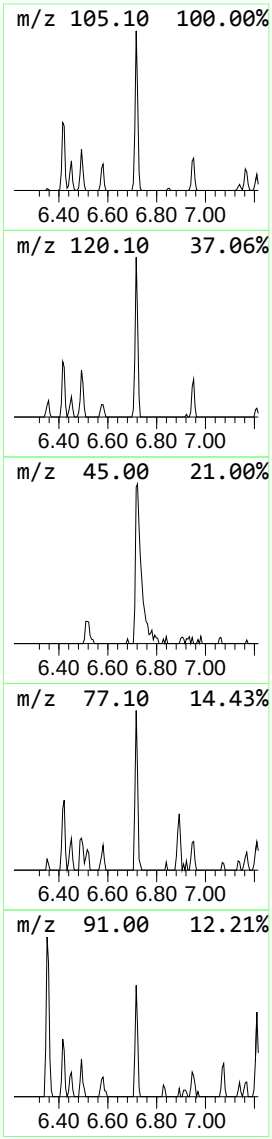
****

Peak Number 4 Mesitylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.716	10.04 ng	196237	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	70
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124079.D
Acq On : 26 May 2021 23:25
Operator : JU/CG
Sample : M2535-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHOST-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

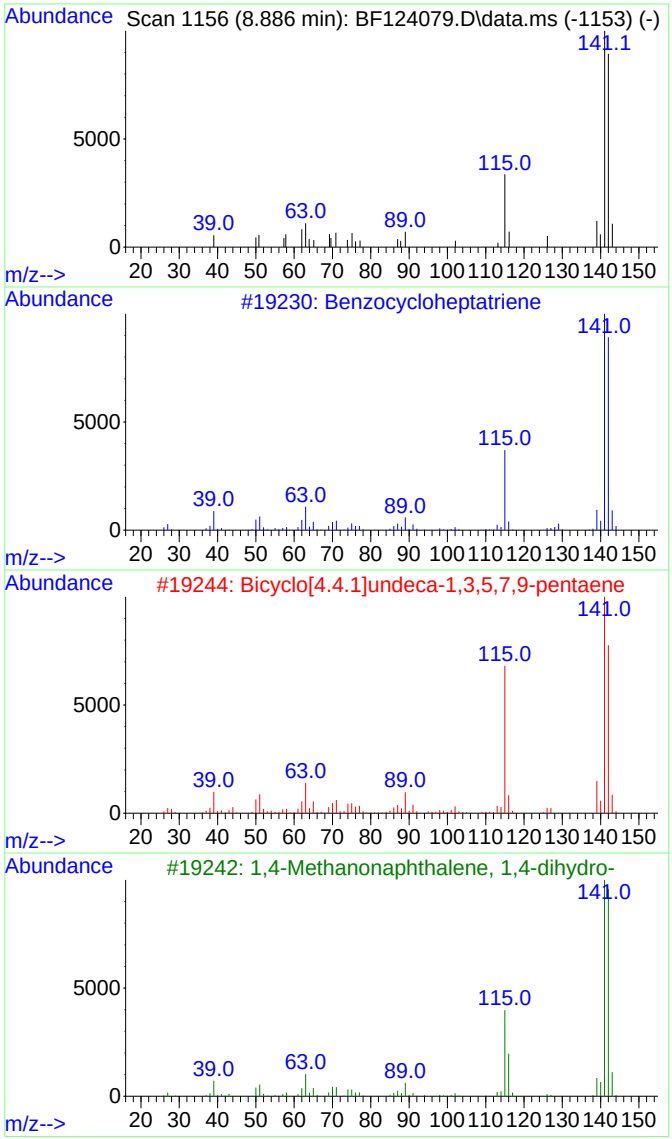
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

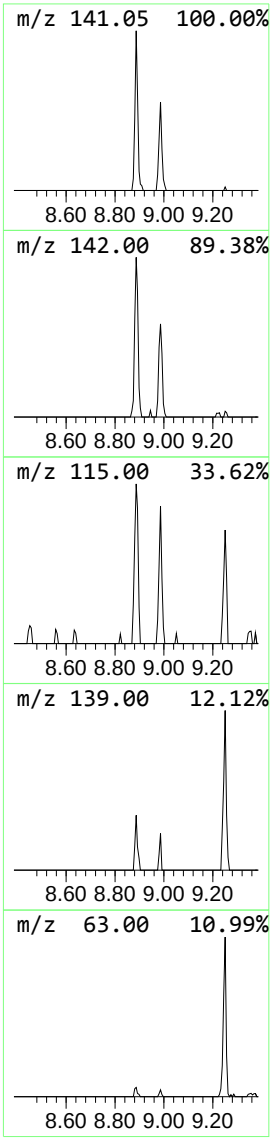
****

Peak Number 5 Benzocycloheptatriene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.886	2.05 ng	47656	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzocycloheptatriene	142	C11H10	000264-09-5	91
2	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124079.D
Acq On : 26 May 2021 23:25
Operator : JU/CG
Sample : M2535-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHOST-5

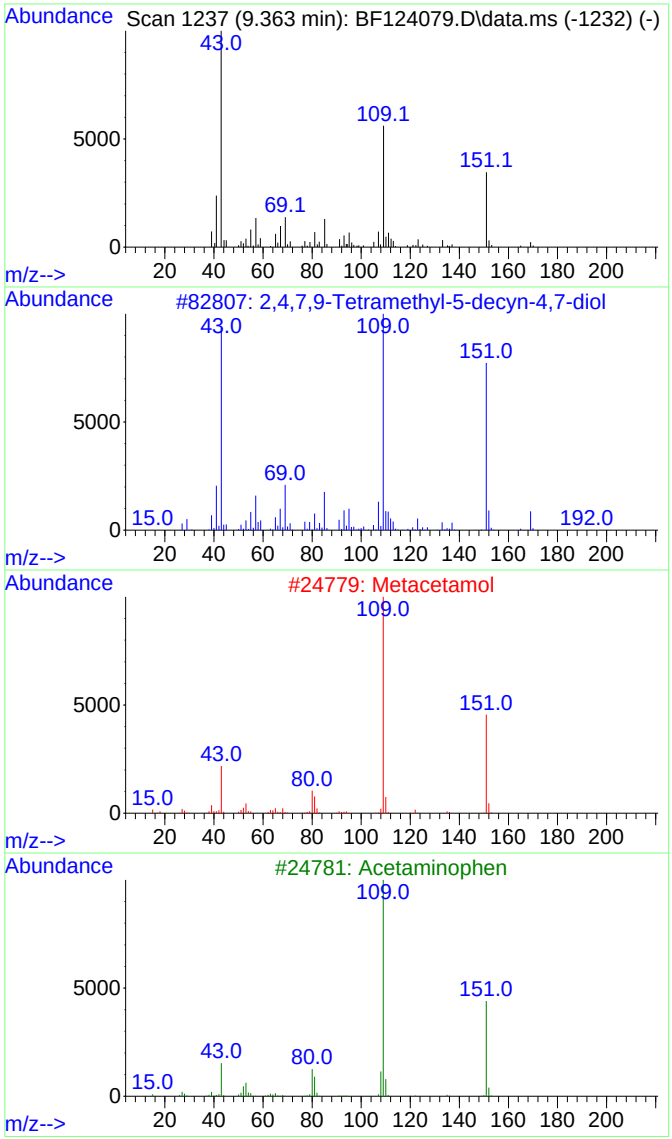
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

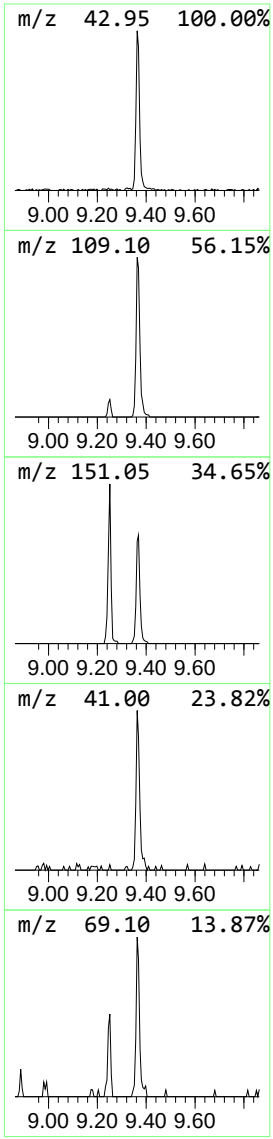
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.363	11.02 ng	287309	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	78
2	Metacetamol	151	C8H9NO2	000621-42-1	53
3	Acetaminophen	151	C8H9NO2	000103-90-2	47
4	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	37
5	3-Hexyne-2,5-diol, 2,5-dimethyl-	142	C8H14O2	000142-30-3	32





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Data File : BF124079.D
Acq On : 26 May 2021 23:25
Operator : JU/CG
Sample : M2535-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

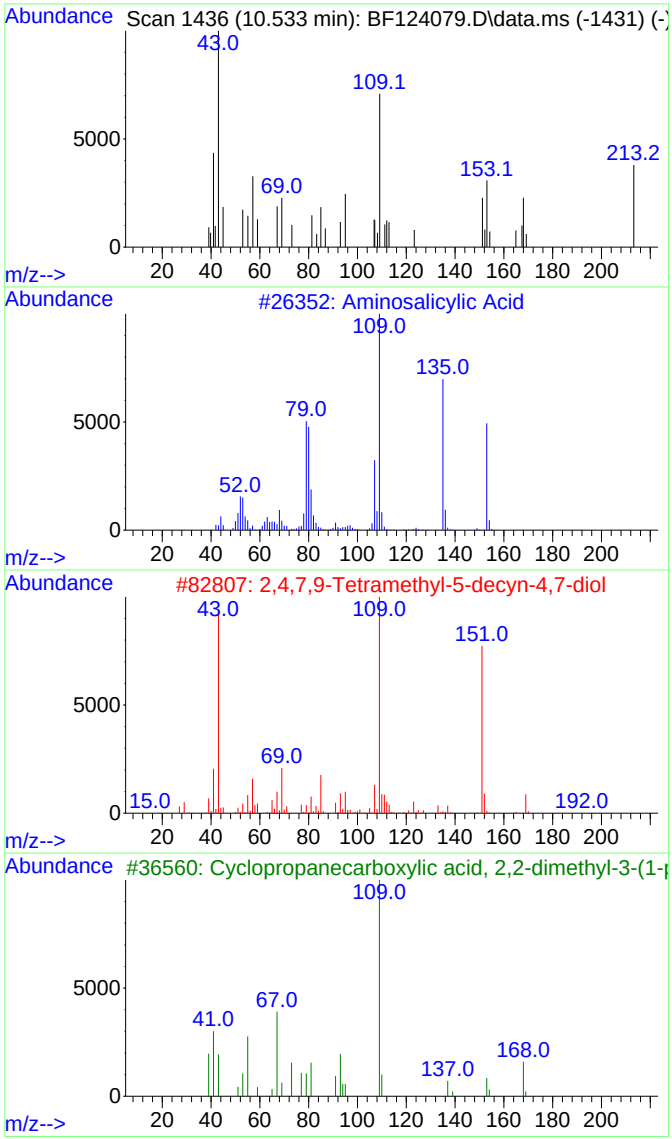
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

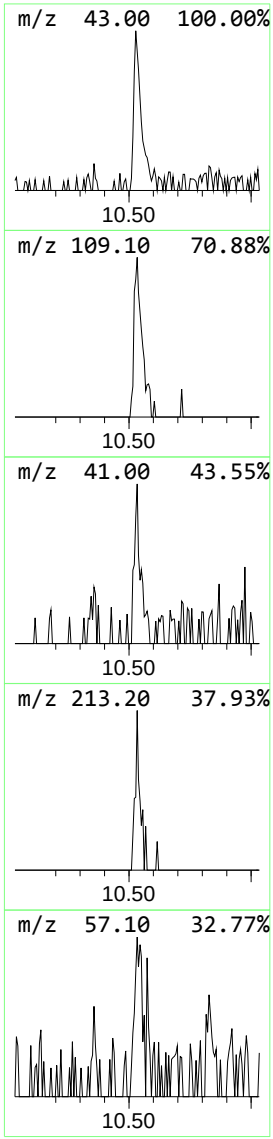
****

Peak Number 7 unknown10.533 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.533	2.53 ng	65968	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aminosalicylic Acid	153	C7H7NO3	000065-49-6	27
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	27
3	Cyclopropanecarboxylic acid, 2,2...	168	C10H16O2	033383-56-1	22
4	1(2H)-Naphthalenone, octahydro-4...	168	C10H16O2	021766-50-7	22
5	Acetic acid, (4-hydroxyphenoxy)-	168	C8H8O4	001878-84-8	18





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Acq On : 26 May 2021 23:25
Operator : JU/CG
Sample : M2535-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-5

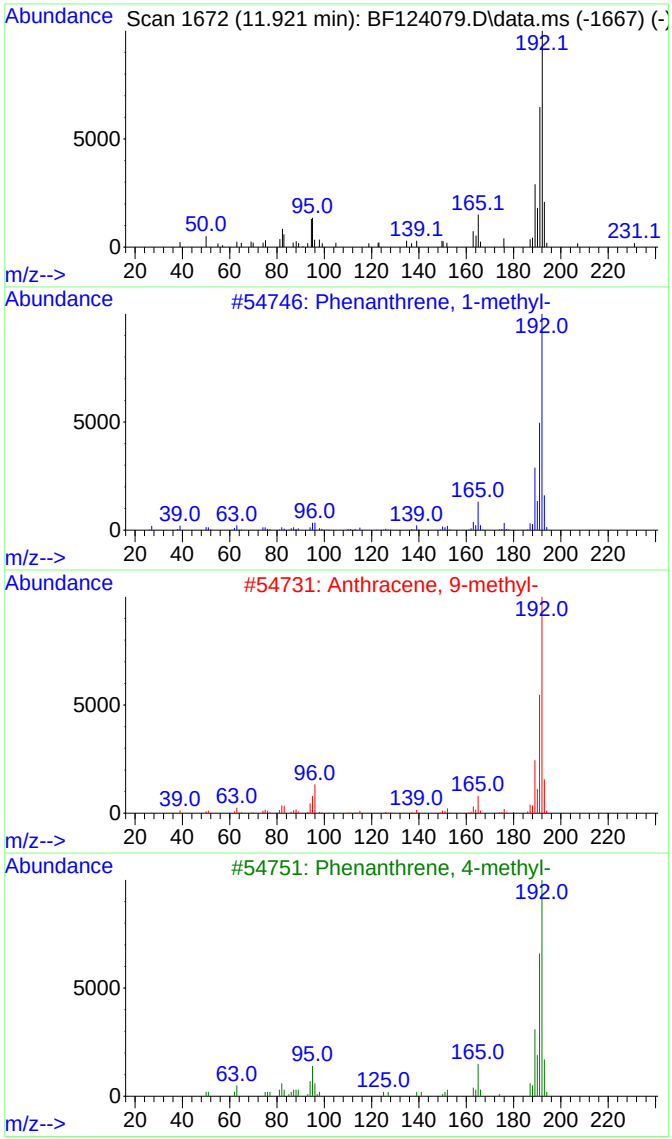
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

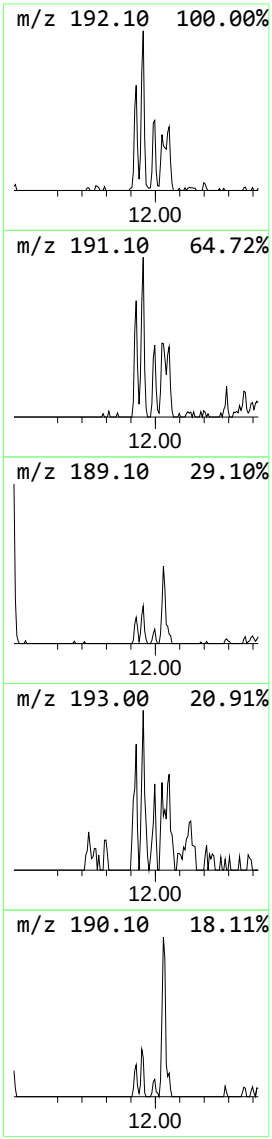
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.921	2.34 ng	63431	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Acq On : 26 May 2021 23:25
Operator : JU/CG
Sample : M2535-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

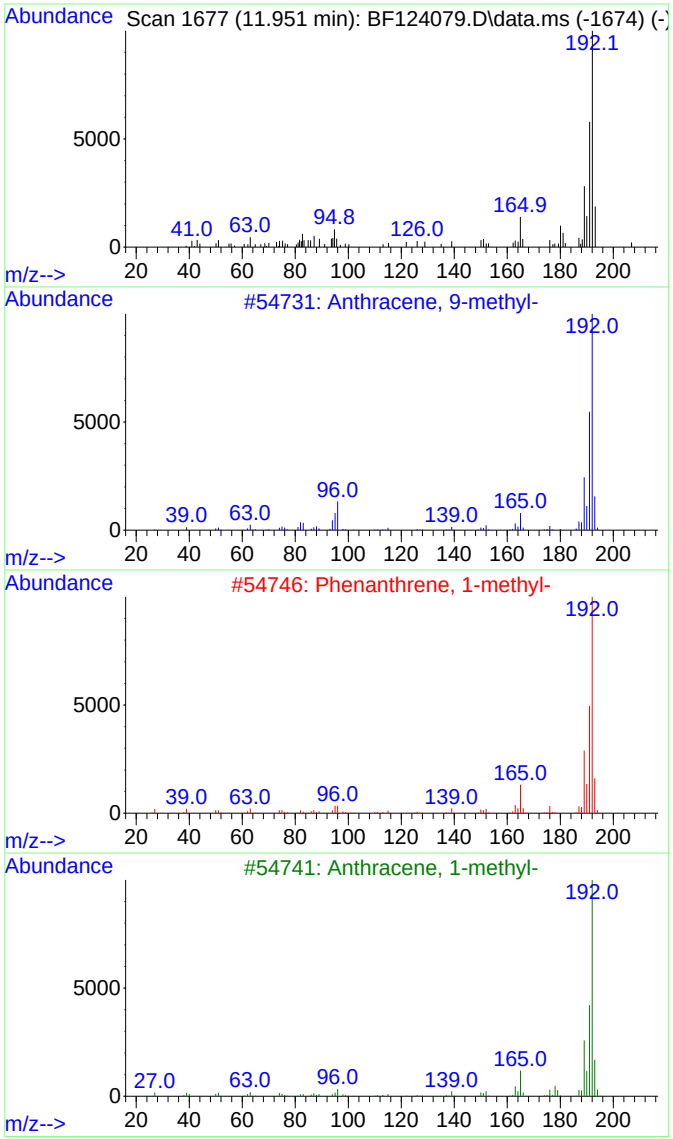
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

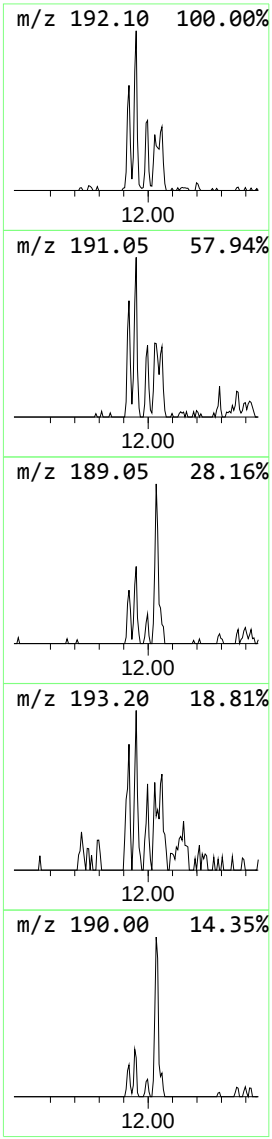
****

Peak Number 9 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	4.09 ng	110680	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81





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Acq On : 26 May 2021 23:25
Operator : JU/CG
Sample : M2535-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHOST-5

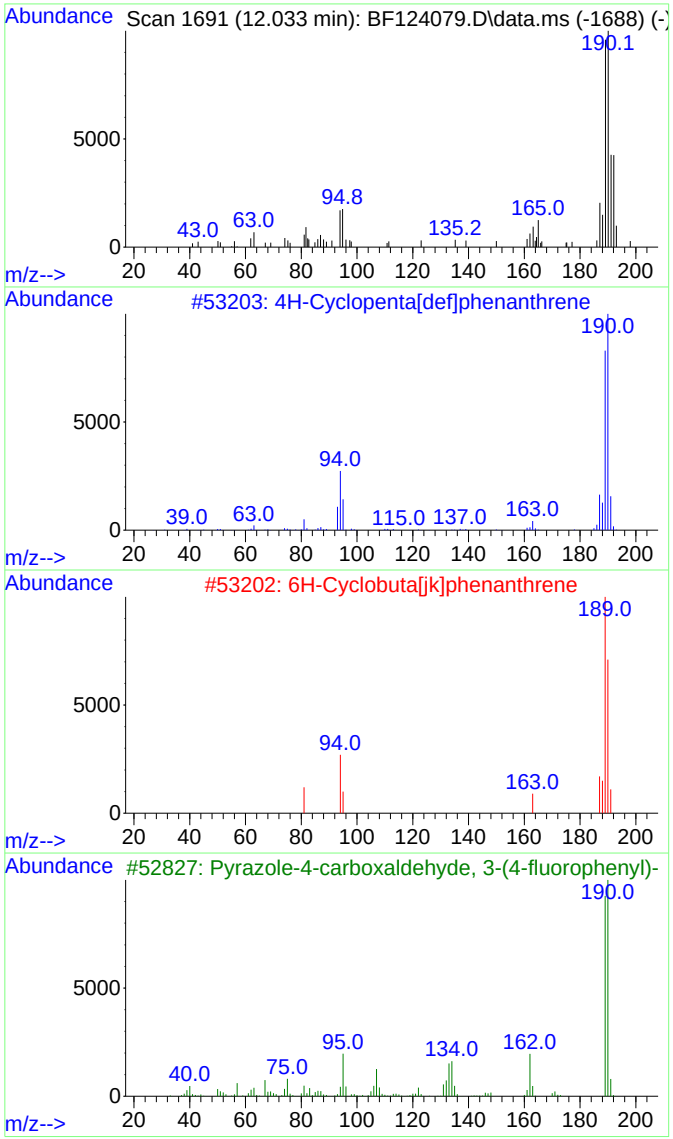
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

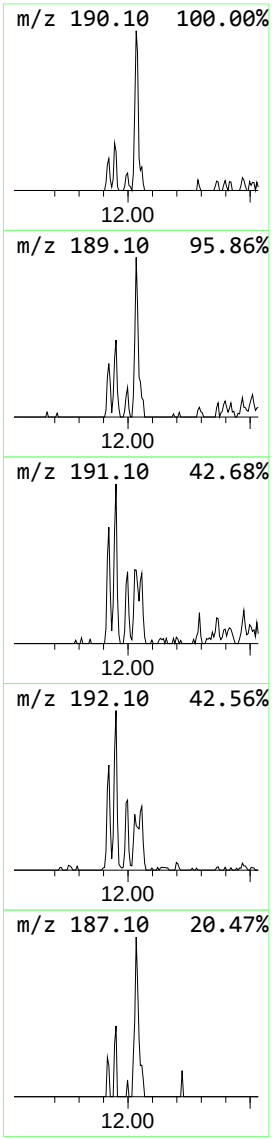
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	3.41 ng	92220	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	33
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27





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Acq On : 26 May 2021 23:25
Operator : JU/CG
Sample : M2535-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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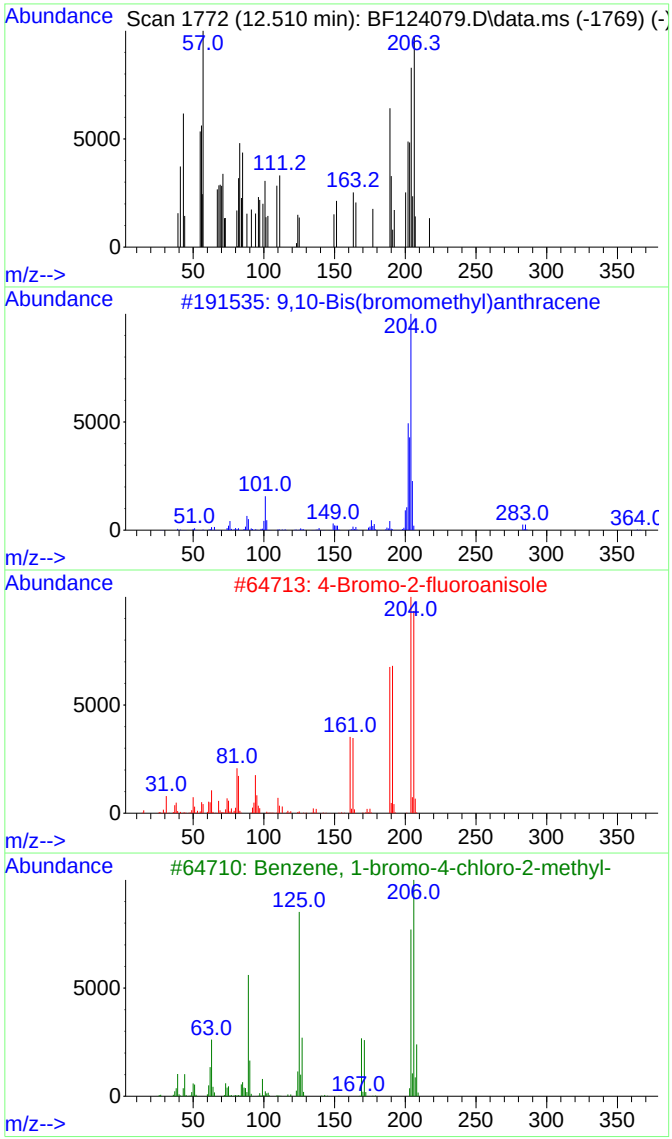
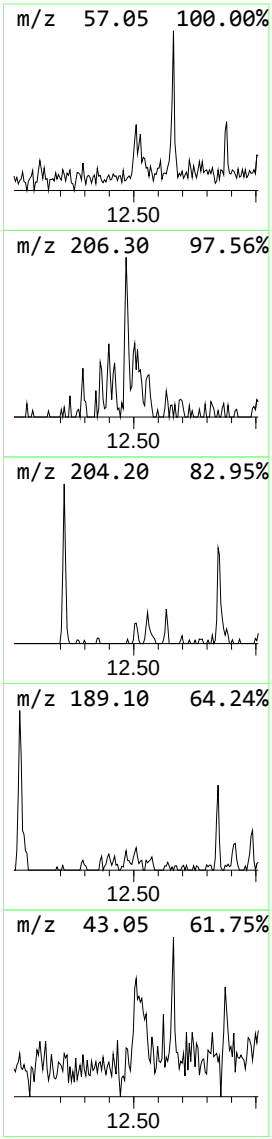
Peak Number 11 unknown12.510 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	2.76 ng	74677	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35
2	4-Bromo-2-fluoroanisole	204	C7H6BrFO	002357-52-0	27
3	Benzene, 1-bromo-4-chloro-2-methyl-	204	C7H6BrCl	014495-51-3	25
4	Piperazine, 1,4-bis(ethylthio)-	206	C8H18N2S2	035242-70-7	22
5	8-Cyano-6,7-dihydro-2-dimethylam...	206	C8H10N6O	077455-10-8	14





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Acq On : 26 May 2021 23:25
Operator : JU/CG
Sample : M2535-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-5

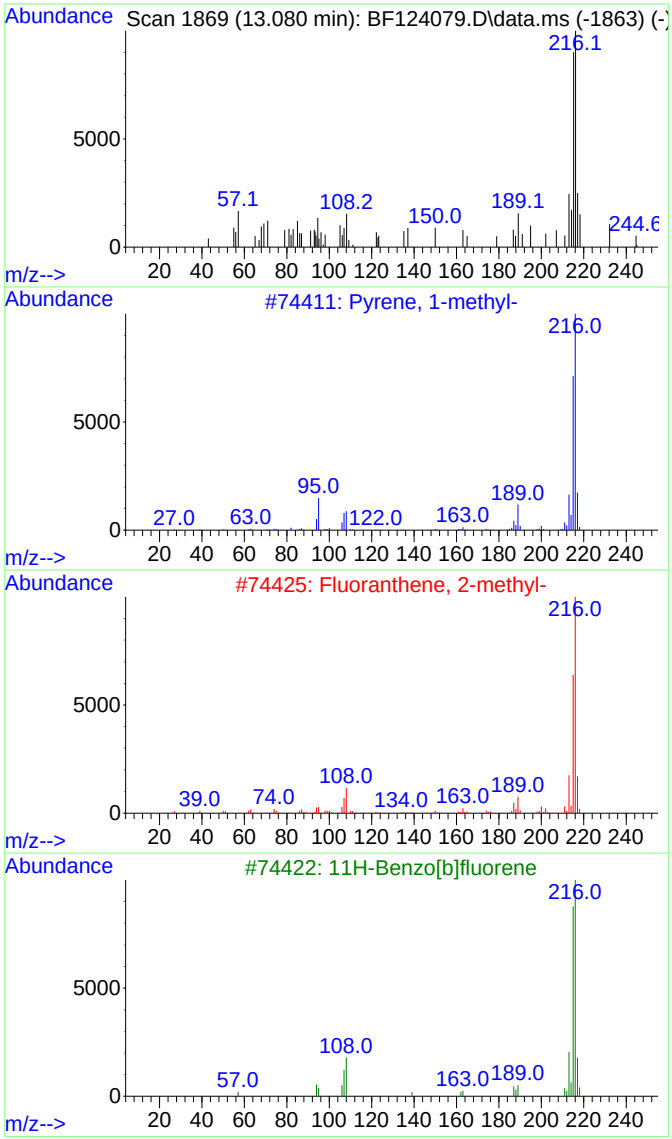
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

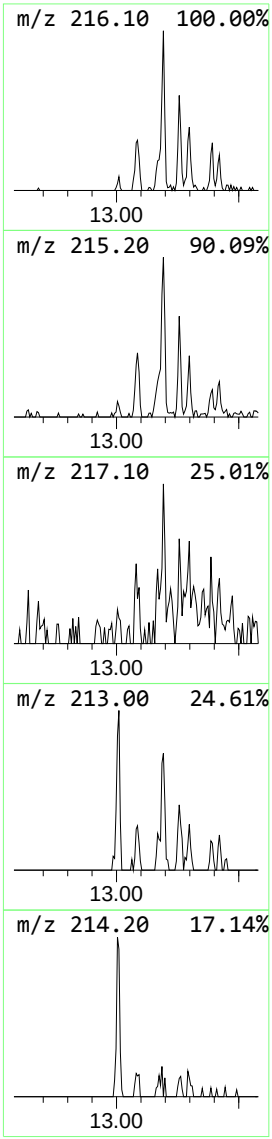
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.080	2.48 ng	67663	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	68
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	59
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	58





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Acq On : 26 May 2021 23:25
Operator : JU/CG
Sample : M2535-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHOST-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

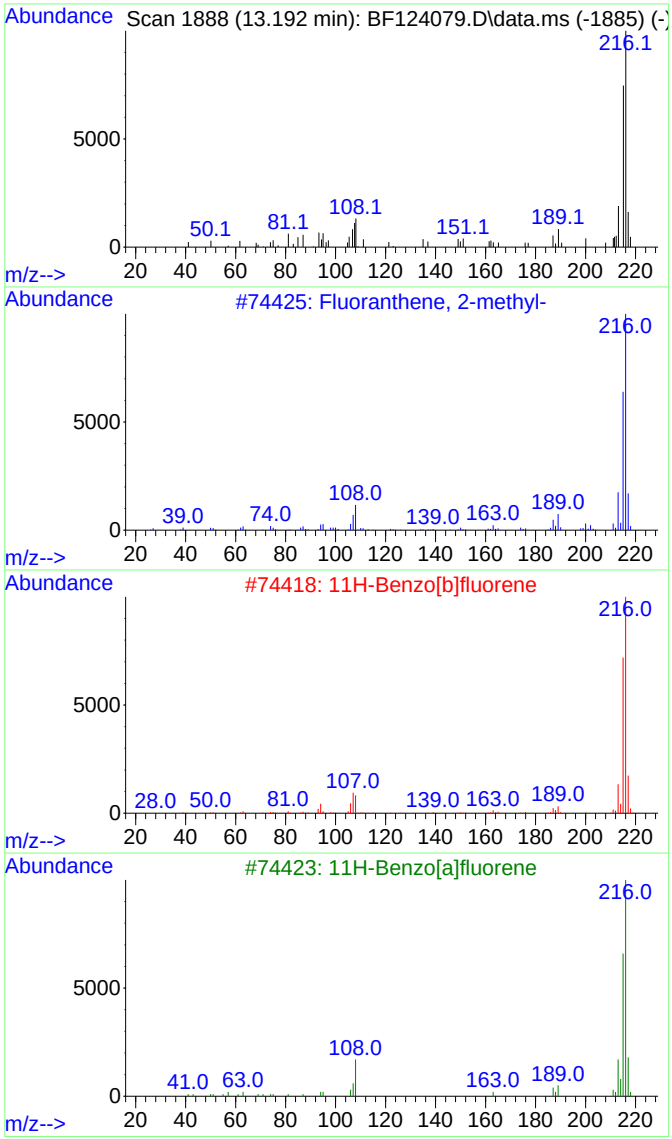
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

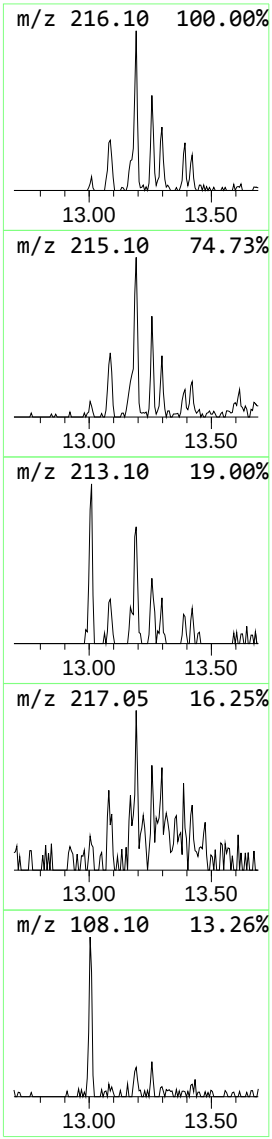
****

Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	2.16 ng	58934	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	72





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Acq On : 26 May 2021 23:25
Operator : JU/CG
Sample : M2535-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHOST-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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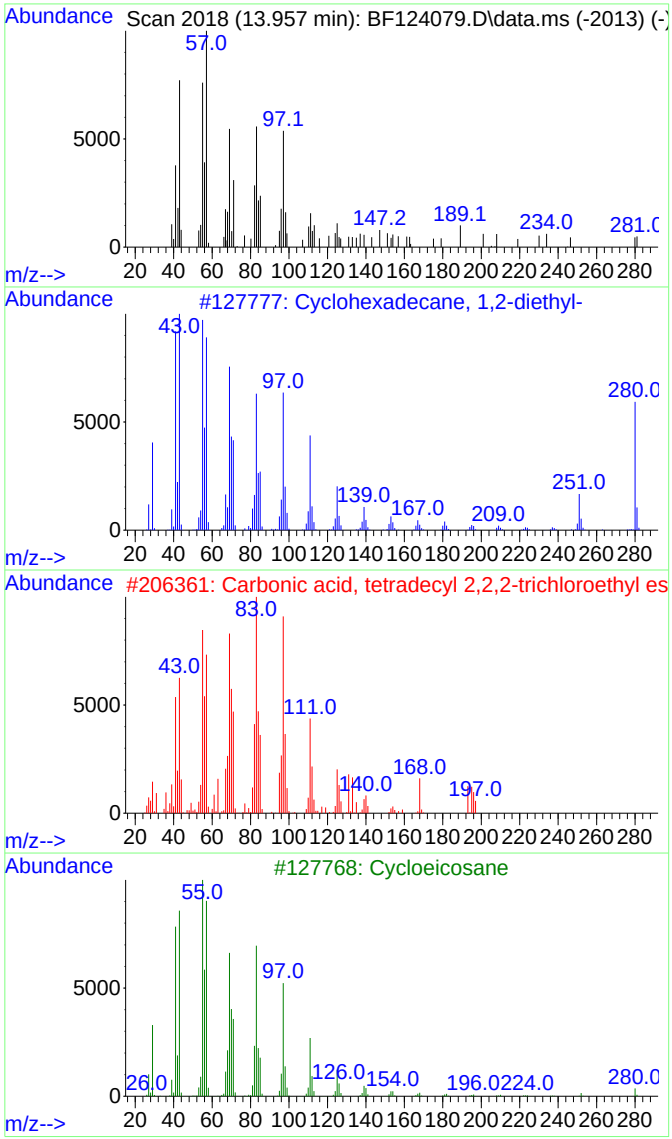
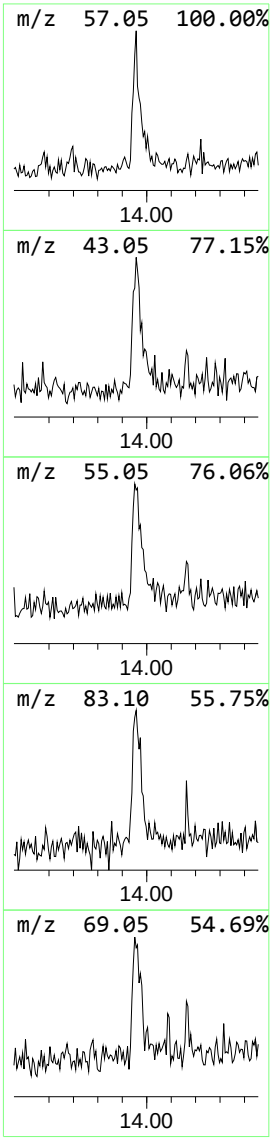
Peak Number 14 Cyclohexadecane, 1,2-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.957	6.21 ng	169492	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93
2	Carbonic acid, tetradecyl 2,2,2-...	388	C17H31Cl3O3	1000314-56-0	83
3	Cycloeicosane	280	C20H40	000296-56-0	83
4	11-Tricosene	322	C23H46	052078-56-5	80
5	17-Pentatriacontene	491	C35H70	006971-40-0	74





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Acq On : 26 May 2021 23:25
Operator : JU/CG
Sample : M2535-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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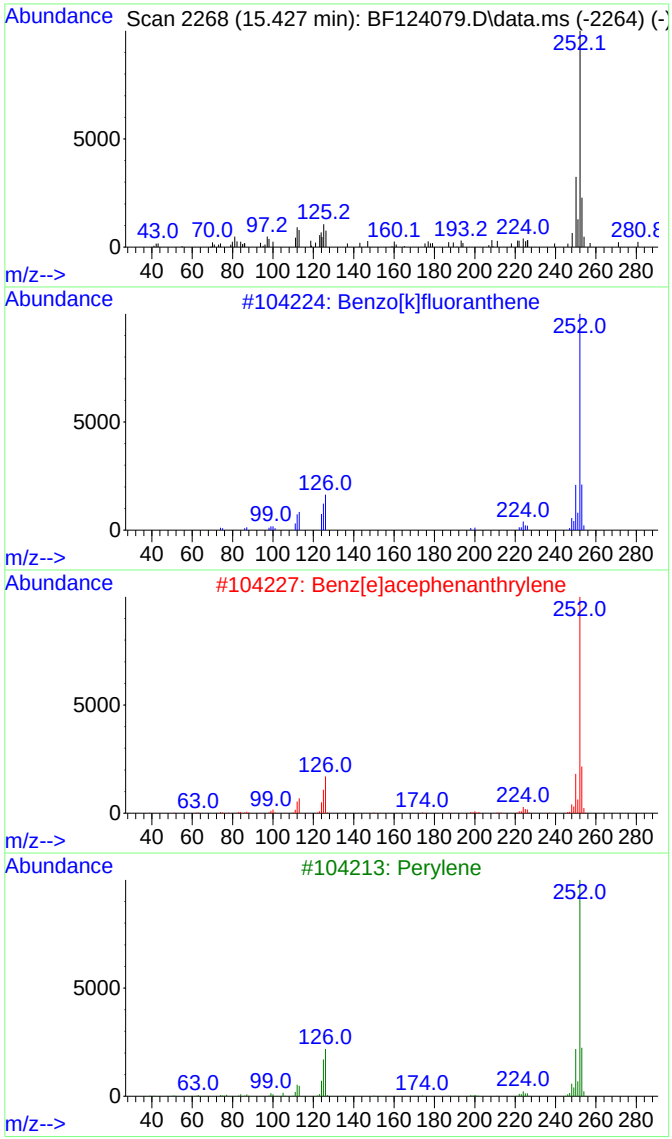
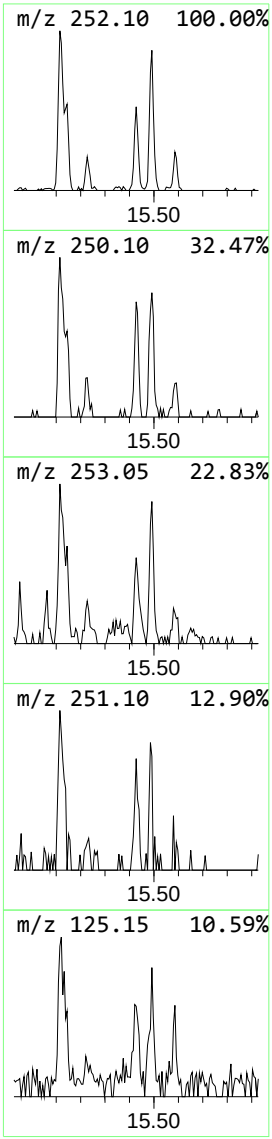
Peak Number 15 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	4.88 ng	77717	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	87
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	87
3	Perylene	252	C20H12	000198-55-0	81
4	Benzo[e]pyrene	252	C20H12	000192-97-2	81
5	Benzo[a]pyrene	252	C20H12	000050-32-8	74





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Sample : M2535-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHOST-5

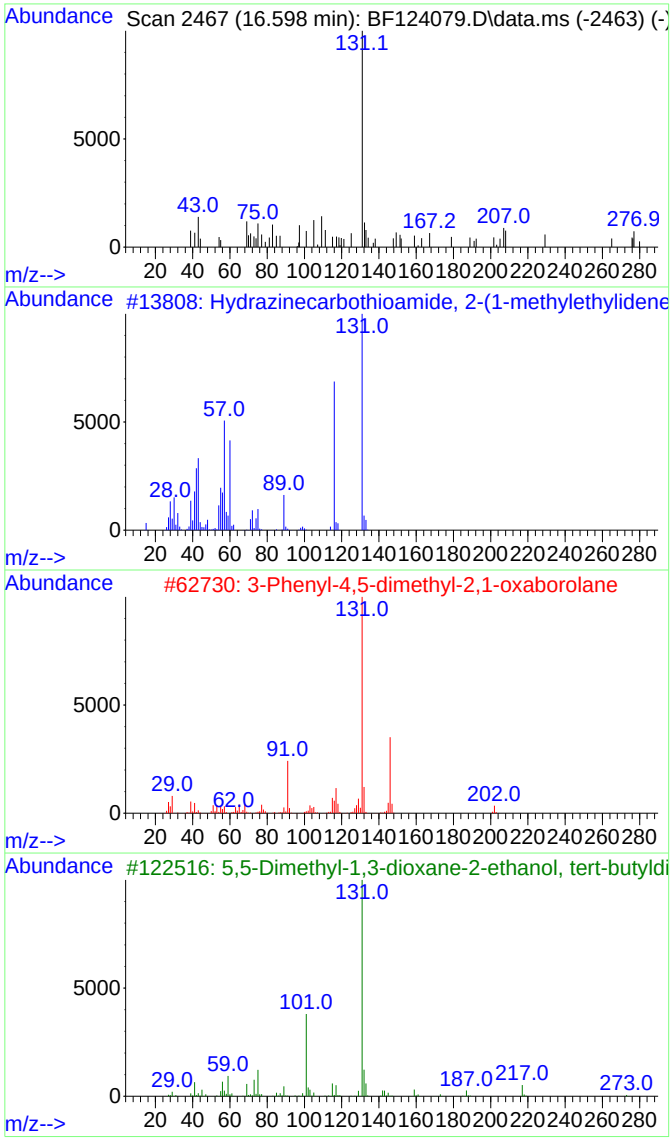
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

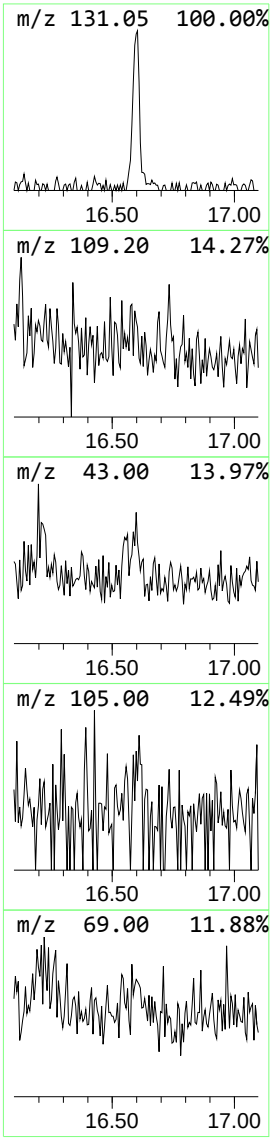
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Hydrazinecarbothioamide, 2-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.598	3.27 ng	52184	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazinecarbothioamide, 2-(1-me...	131	C4H9N3S	001752-30-3	50
2	3-Phenyl-4,5-dimethyl-2,1-oxabor...	202	C13H19BO	1000062-26-1	40
3	5,5-Dimethyl-1,3-dioxane-2-ethan...	274	C14H30O3Si	1000364-20-1	40
4	4-(3,4-Dihydroxy-2-oxo-butylamin...	220	C11H12N2O3	1000188-22-9	36
5	D-(+)-Glucosamine, O,O,O,O-tetra...	467	C18H45NO5Si4	000035-24-5	33





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124079.D
Acq On : 26 May 2021 23:25
Operator : JU/CG
Sample : M2535-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHOST-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.222	25.3	ng	493505	1	6.892	390788	20.0
2-Hexanol, 2-me...	5.128	2.0	ng	39201	1	6.892	390788	20.0
Benzene, 1-ethy...	6.416	3.5	ng	67545	1	6.892	390788	20.0
Mesitylene	6.716	10.0	ng	196237	1	6.892	390788	20.0
Benzocyclohepta...	8.886	2.0	ng	47656	2	8.175	465976	20.0
2,4,7,9-Tetrame...	9.363	11.0	ng	287309	3	9.933	521283	20.0
unknown10.533	10.533	2.5	ng	65968	3	9.933	521283	20.0
Phenanthrene, 1...	11.921	2.3	ng	63431	4	11.422	541066	20.0
Anthracene, 9-m...	11.951	4.1	ng	110680	4	11.422	541066	20.0
4H-Cyclopenta[d...	12.033	3.4	ng	92220	4	11.422	541066	20.0
unknown12.510	12.510	2.8	ng	74677	4	11.422	541066	20.0
Pyrene, 1-methyl-	13.080	2.5	ng	67663	5	14.063	545493	20.0
Fluoranthene, 2...	13.192	2.2	ng	58934	5	14.063	545493	20.0
Cyclohexadecane...	13.957	6.2	ng	169492	5	14.063	545493	20.0
Perylene	15.427	4.9	ng	77717	6	15.557	318821	20.0
Hydrazinecarbot...	16.598	3.3	ng	52184	6	15.557	318821	20.0