LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
Data File : BF136861.D
Acq On : 30 Dec 2023 08:54
Operator : CG\JU
Sample : 05897-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHL-SS-32

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136861.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.269	195	201	210	rBV	41892	78053	1.14%	0.174%
2	3.863	297	302	310	rVB	158233	213359	3.12%	0.475%
3	5.275	538	542	546	rBV	276592	274972	4.02%	0.613%
4	5.381	556	560	564	rBV	569474	667019	9.75%	1.486%
5	5.422	564	567	570	rVB	1619902	1385704	20.25%	3.087%
6	5.634	600	603	607	rBV	185365	154663	2.26%	0.345%
7	6.310	715	718	720	rBV2	76634	70069	1.02%	0.156%
8	6.428	733	738	746	rBV	1542063	1680619	24.56%	3.744%
9	6.492	746	749	755	rVB	116309	102860	1.50%	0.229%
10	6.604	765	768	772	rVB2	102756	121664	1.78%	0.271%
11	6.781	794	798	802	rBV	538710	422908	6.18%	0.942%
12	6.998	830	835	838	rBV	166305	138013	2.02%	0.307%
13	7.045	840	843	847	rVB2	92163	87633	1.28%	0.195%
14	7.187	864	867	875	rVB2	120267	199734	2.92%	0.445%
15	7.345	885	894	897	rBV	1107960	1054601	15.41%	2.349%
16	7.592	934	936	941	rVB	172676	137039	2.00%	0.305%
17	7.734	953	960	965	rBV2	71243	104188	1.52%	0.232%
18	7.816	969	974	976	rVV3	89231	136637	2.00%	0.304%
19	7.851	976	980	989	rVB2	74507	143237	2.09%	0.319%
20	8.057	1011	1015	1017	rBV	683109	547259	8.00%	1.219%
21	8.081	1017	1019	1023	rVB	152318	125083	1.83%	0.279%
22	8.410	1072	1075	1084	rVB2	61673	78148	1.14%	0.174%
23	8.769	1133	1136	1139	rBV	107408	77739	1.14%	0.173%
24	8.869	1150	1153	1156	rVB	102720	82494	1.21%	0.184%
25	9.039	1179	1182	1186	rVB	185253	169795	2.48%	0.378%
26	9.133	1194	1198	1201	rBV	2126075	1818812	26.58%	4.051%
27	9.428	1246	1248	1252	rVB	127748	93151	1.36%	0.207%
28	9.622	1277	1281	1284	rVV	1920541	1641286	23.99%	3.656%
29	9.686	1288	1292	1295	rVV	660740	555197	8.11%	1.237%
30	9.786	1306	1309	1312	rVV	835729	787119	11.50%	1.753%
31	9.816	1312	1314	1317	rVV	782624	587591	8.59%	1.309%
32	9.845	1317	1319	1322	rVV	152347	116278	1.70%	0.259%
33	10.022	1343	1349	1353	rBV	144831	198870	2.91%	0.443%
34	10.363	1404	1407	1413	rVB	282996	245050	3.58%	0.546%
35	10.433	1417	1419	1423	rVV2	55075	73850	1.08%	0.165%
36	10.604	1444	1448	1452	rBV	980999	919551	13.44%	2.048%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-32

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.722	1465	1468	1476	rVB3	88600	132203	1.93%	0.294%
38	10.786	1476	1479	1483	rBV2	152196	158173	2.31%	0.352%
39	10.875	1489	1494	1496	rBV2	200137	203844	2.98%	0.454%
40	10.898	1496	1498	1503	rVV	215739	188126	2.75%	0.419%
41	10.963	1506	1509	1510	rVV	167619	146065	2.13%	0.325%
42	10.980	1510	1512	1516	rVB2	185007	158224	2.31%	0.352%
43	11.075	1525	1528	1531	rVB	193732	157628	2.30%	0.351%
44	11.204	1547	1550	1555	rVB	150127	138516	2.02%	0.309%
45	11.251	1555	1558	1564	rBV	345951	279309	4.08%	0.622%
46	11.310	1564	1568	1570	rBV2	1124744	1278925	18.69%	2.849%
47	11.333	1570	1572	1577	rVV2	822725	1048173	15.32%	2.335%
48	11.386	1577	1581	1583	rVV	1622985	1369774	20.02%	3.051%
49	11.410	1583	1585	1588	rVV	494649	414248	6.05%	0.923%
50	11.522	1600	1604	1606	rBV	656218	575110	8.41%	1.281%
51	11.545	1606	1608	1614	rVB	529895	443667	6.48%	0.988%
52	11.604	1614	1618	1620	rBV	153312	133308	1.95%	0.297%
53	11.698	1630	1634	1636	rBV	901348	805396	11.77%	1.794%
54	11.727	1636	1639	1644	rBV2	305769	416338	6.08%	0.927%
55	11.774	1644	1647	1651	rBV2	373698	462875	6.76%	1.031%
56	11.810	1651	1653	1655	rVV	143054	162811	2.38%	0.363%
57	11.874	1655	1664	1670	rVV2	2499001	4699517	68.68%	10.468%
58	11.922	1670	1672	1674	rVV	154804	177553	2.59%	0.396%
59	11.945	1674	1676	1681	rVB2	688162	612622	8.95%	1.365%
60	11.992	1681	1684	1685	rBV3	85477	76814	1.12%	0.171%
61	12.016	1685	1688	1694	rVB4	135607	154498	2.26%	0.344%
62	12.116	1702	1705	1708	rBV	452053	426764	6.24%	0.951%
63	12.257	1726	1729	1732	rVB4	75286	80006	1.17%	0.178%
64	12.404	1751	1754	1759	rVB2	155186	151463	2.21%	0.337%
65	12.527	1772	1775	1777	rBV	531966	500062	7.31%	1.114%
66	12.592	1777	1786	1793	rVV	3041378	6842352	100.00%	15.242%
67	12.657	1793	1797	1809	rVV	1613776	1848074	27.01%	4.117%
68	12.757	1809	1814	1816	rVV2	395903	418959	6.12%	0.933%
69	12.780	1816	1818	1820	rVB	127698	101088	1.48%	0.225%
70	12.857	1829	1831	1833	rBV	81250	73068	1.07%	0.163%
71	12.904	1833	1839	1843	rVV	1420508	1318602	19.27%	2.937%
72	12.939	1843	1845	1850	rVB2	89177	88620	1.30%	0.197%
73	13.016	1855	1858	1860	rVB	124671	97398	1.42%	0.217%
74	13.086	1868	1870	1875	rVB2	64904	94178	1.38%	0.210%
75	13.139	1876	1879	1880	rBV2	91306	91899	1.34%	0.205%
76	13.210	1889	1891	1897	rVB5	87710	88589	1.29%	0.197%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
Data File : BF136861.D
Acq On : 30 Dec 2023 08:54
Operator : CG\JU
Sample : 05897-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHL-SS-32

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.292	1903	1905	1908	rBV4	73432	102293	1.49%	0.228%
78	13.451	1929	1932	1935	rBV2	183579	192482	2.81%	0.429%
79	13.480	1935	1937	1941	rVB2	144749	144191	2.11%	0.321%
80	13.557	1947	1950	1952	rVB	142153	125103	1.83%	0.279%
81	13.604	1955	1958	1962	rVB3	131660	140705	2.06%	0.313%
82	13.674	1967	1970	1973	rBV4	127165	168255	2.46%	0.375%
83	13.768	1983	1986	1991	rBV	557459	610577	8.92%	1.360%
84	13.945	2013	2016	2017	rBV	275109	239709	3.50%	0.534%
85	13.963	2017	2019	2022	rVB	386316	375487	5.49%	0.836%
86	14.116	2042	2045	2051	rVB4	138096	209846	3.07%	0.467%
87	15.380	2258	2260	2267	rVB	66094	90077	1.32%	0.201%
88	15.445	2267	2271	2276	rBV	326983	413597	6.04%	0.921%
89	16.321	2416	2420	2426	rVB	110676	175095	2.56%	0.390%

Sum of corrected areas: 44892501

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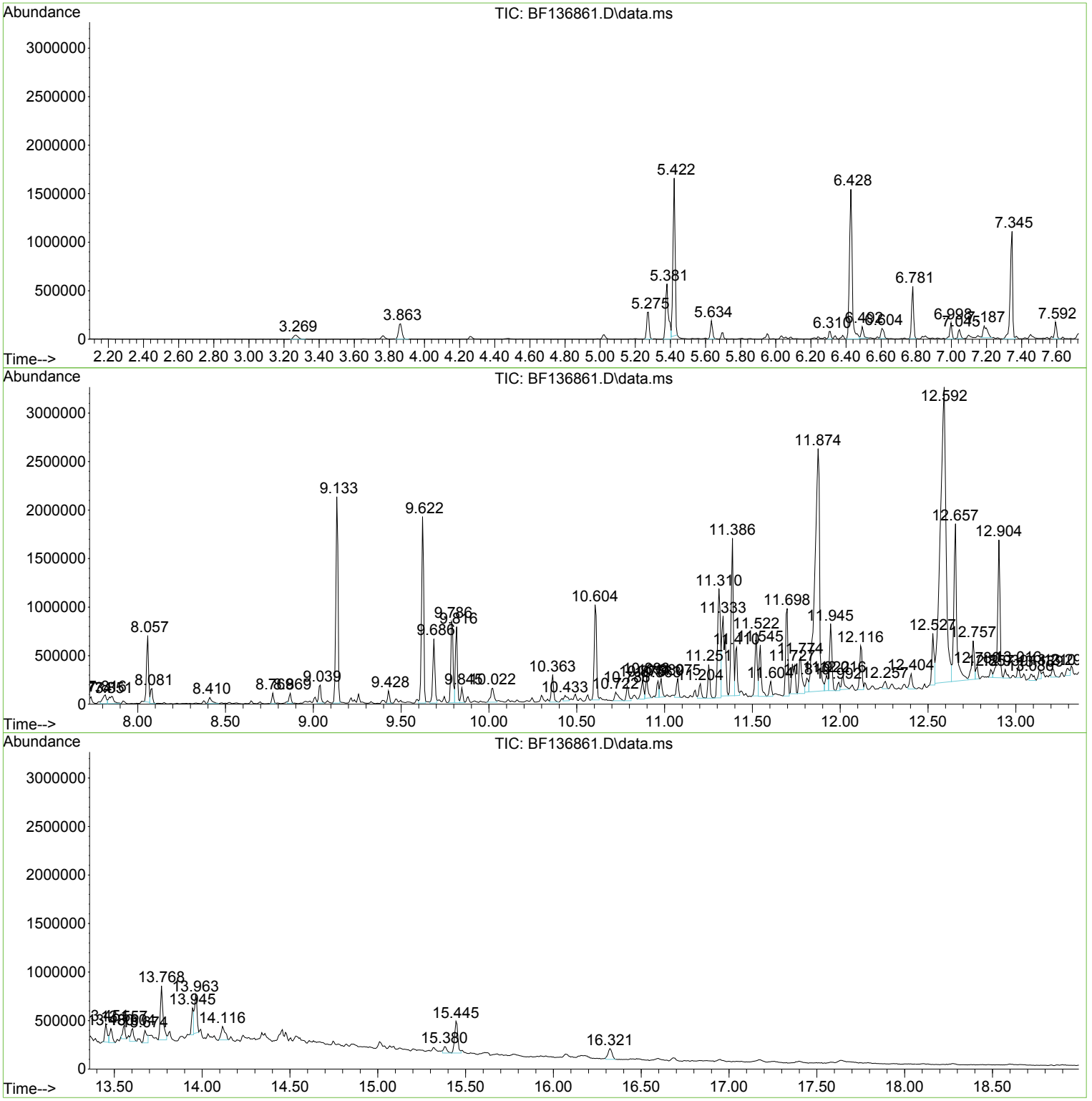
Sample : 05897-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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\BF122923\
Data File : BF136861.D
Acq On : 30 Dec 2023 08:54
Operator : CG\JU
Sample : 05897-07
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Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

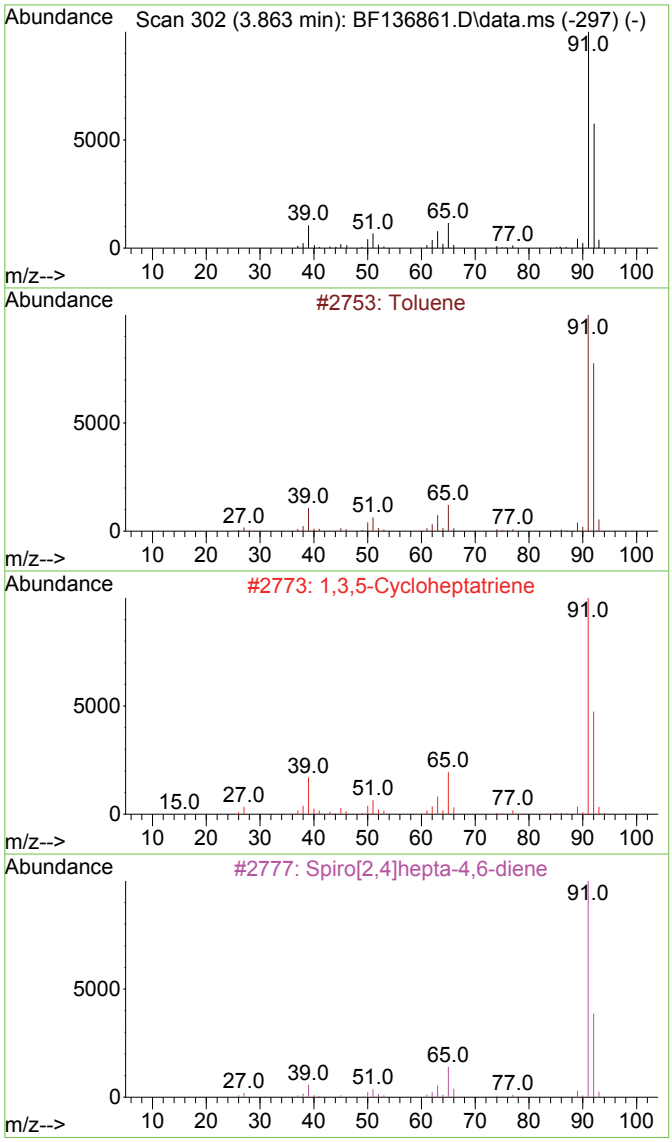
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

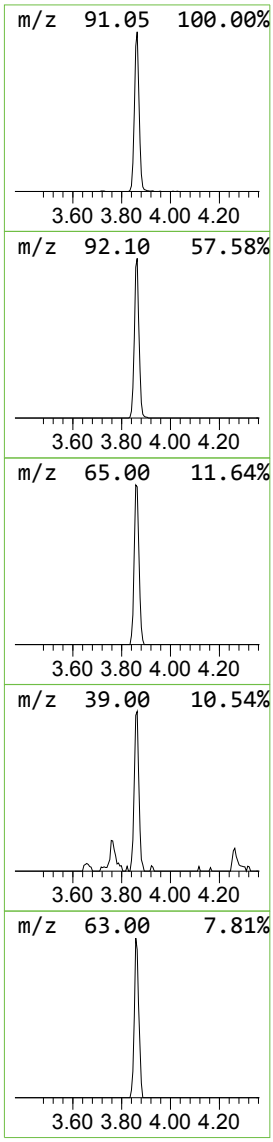
****

Peak Number 1 Toluene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.863	10.09 ng	213359	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
3	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	81
4	Molybdenum, di-.mu.-chlorobis[(1...	532	C20H26Cl2Mo2	035625-66-2	72
5	Tetracyclo[3.2.0.0(2,7).0(4,6)]h...	92	C7H8	000278-06-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
Data File : BF136861.D
Acq On : 30 Dec 2023 08:54
Operator : CG\JU
Sample : 05897-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

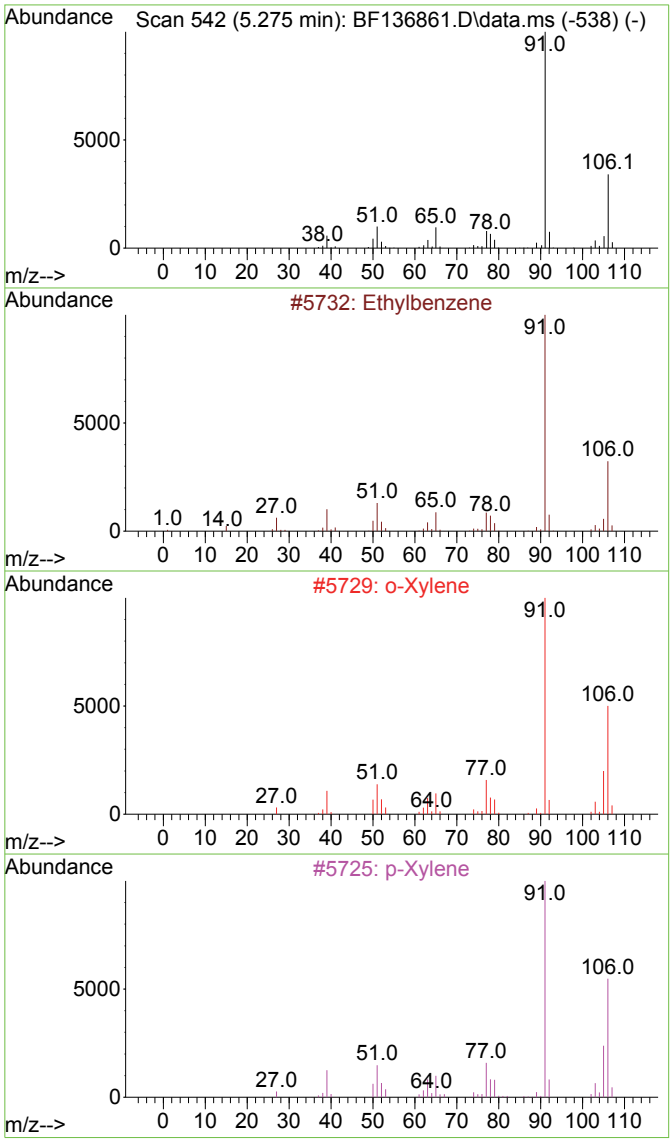
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

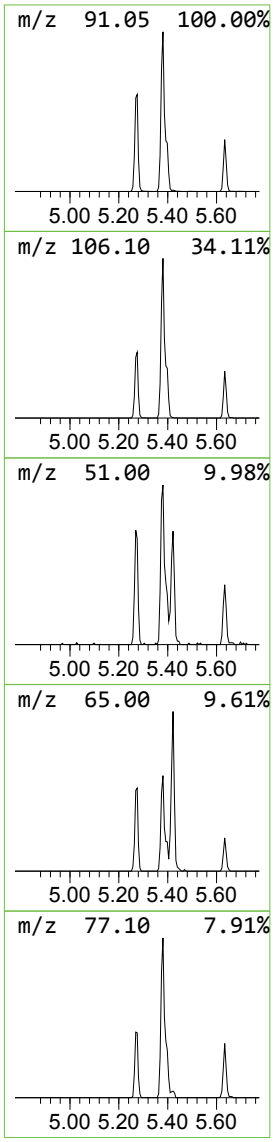
****

Peak Number 2 Ethylbenzene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.275	13.00 ng	274972	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	o-Xylene	106	C8H10	000095-47-6	76
3	p-Xylene	106	C8H10	000106-42-3	72
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	58
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
Data File : BF136861.D
Acq On : 30 Dec 2023 08:54
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Sample : 05897-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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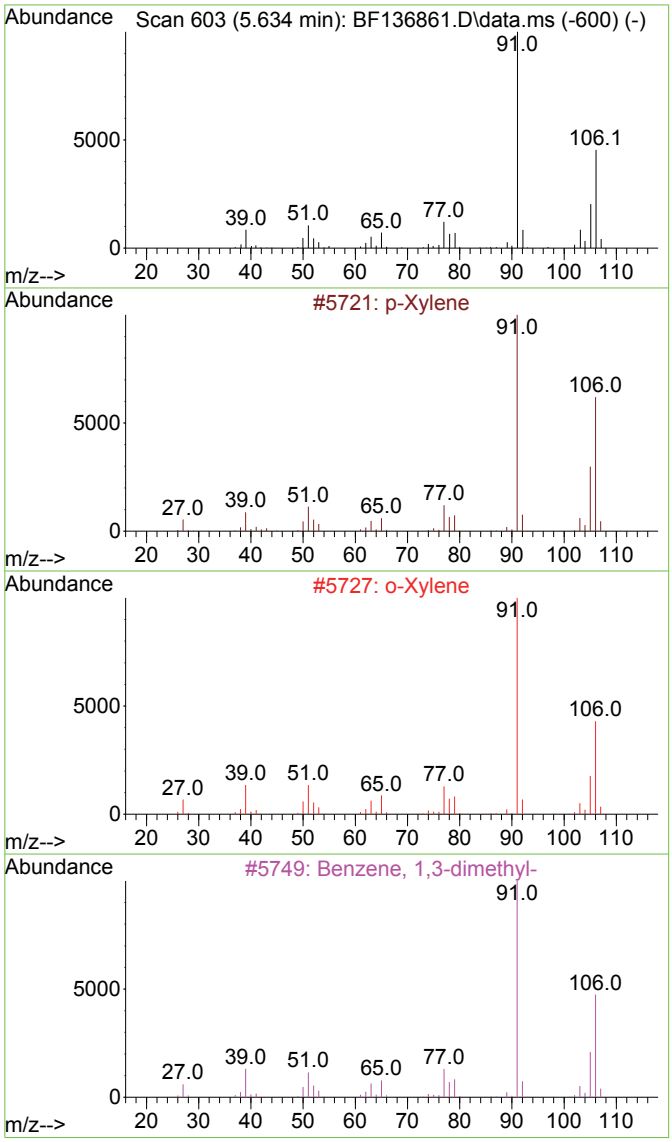
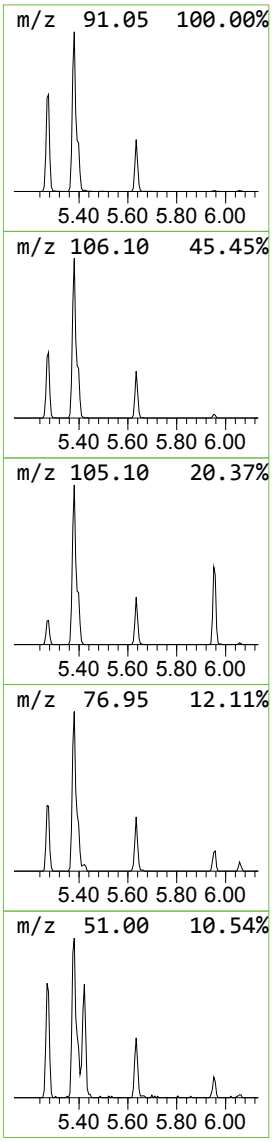
Peak Number 3 p-Xylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.634	7.31 ng	154663	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	Ethylbenzene	106	C8H10	000100-41-4	87
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	83





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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-32

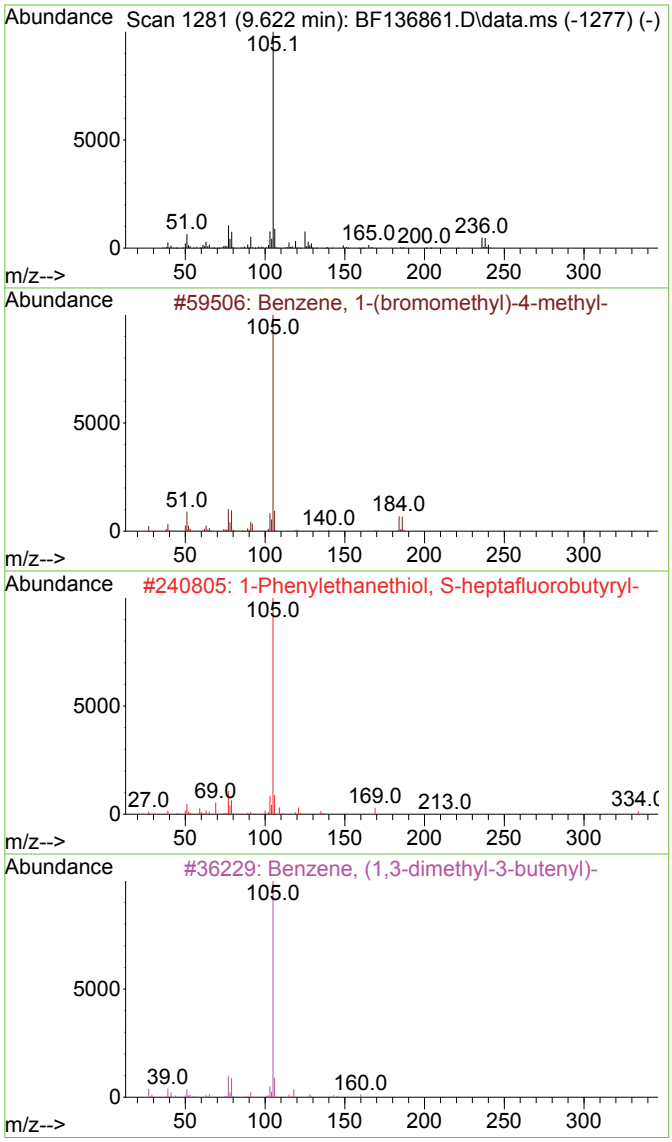
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

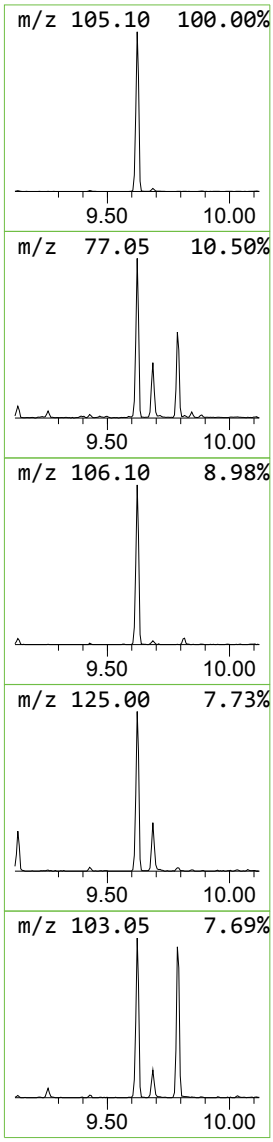
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-(bromomethyl)-4-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.622	55.86 ng	1641290	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	53
2	1-Phenylethanethiol, S-heptafluo...	334	C12H9F7OS	1000469-38-2	53
3	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	53
4	1-Phenylethanethiol, S-pentafluo...	284	C11H9F5OS	1000469-38-3	53
5	Benzene, (1-methyl-3-butenyl)-	146	C11H14	010340-49-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
Data File : BF136861.D
Acq On : 30 Dec 2023 08:54
Operator : CG\JU
Sample : 05897-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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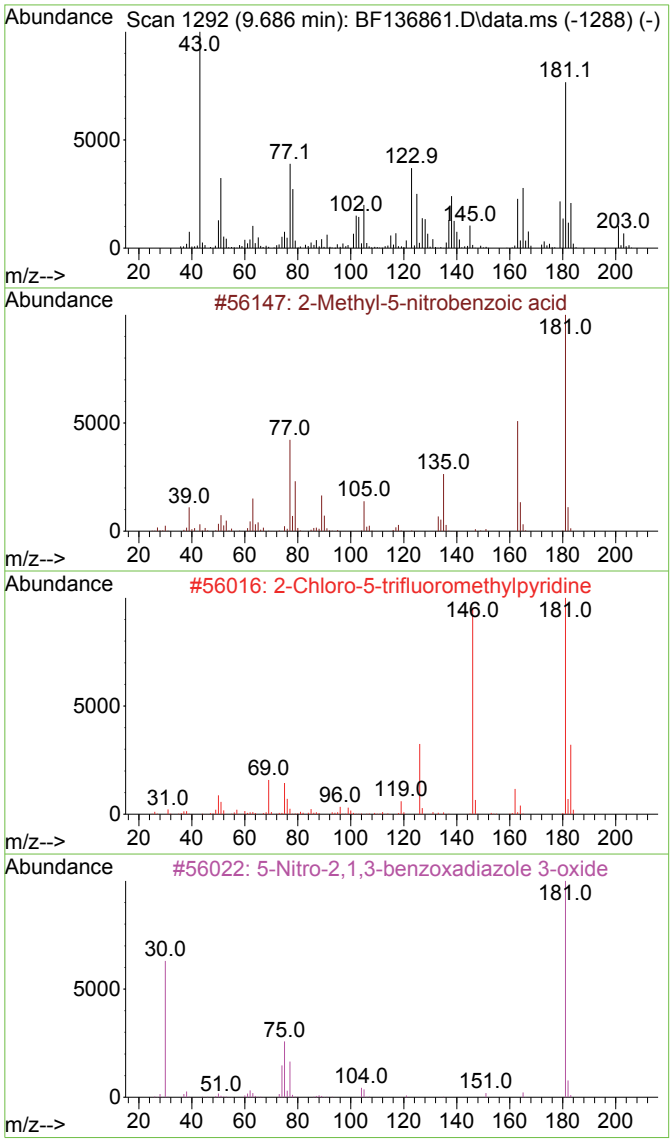
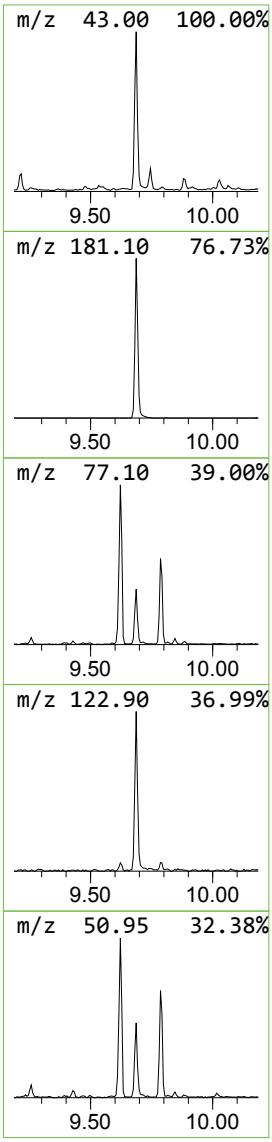
Peak Number 5 unknown9.686 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.686	18.90 ng	555197	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-5-nitrobenzoic acid	181	C8H7NO4	001975-52-6	25
2	2-Chloro-5-trifluoromethylpyridine	181	C6H3ClF3N	052334-81-3	22
3	5-Nitro-2,1,3-benzoxadiazole 3-o...	181	C6H3N3O4	003702-88-3	22
4	1,4-Benzodioxin, 2,3-dihydro-6-n...	181	C8H7NO4	016498-20-7	18
5	Bifenthrin	422	C23H22ClF3O2	082657-04-3	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
Data File : BF136861.D
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Sample : 05897-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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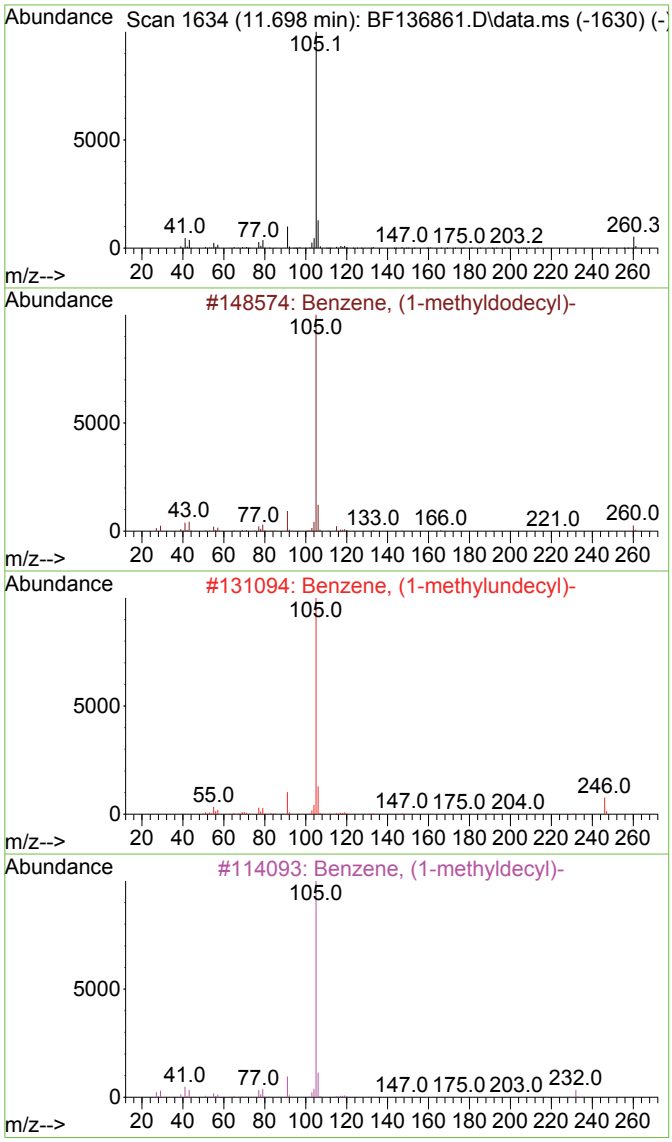
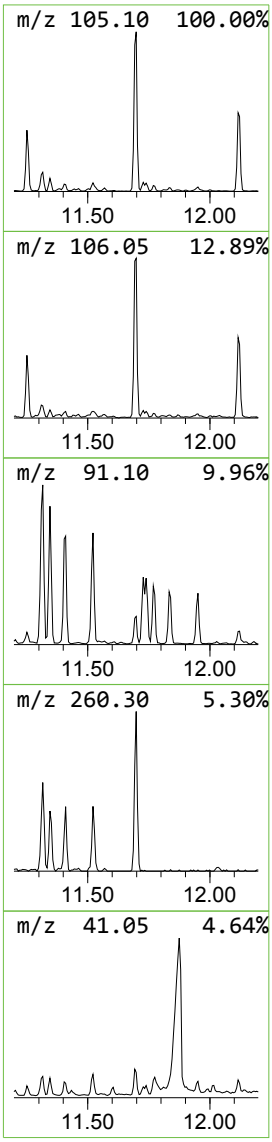
Peak Number 6 Benzene, (1-methyldodecyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.698	12.59 ng	805396	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	90
2	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	83
3	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	80
4	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	53
5	Benzene, (1-methylheptyl)-	190	C14H22	000777-22-0	50





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Acq On : 30 Dec 2023 08:54
Operator : CG\JU
Sample : 05897-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-32

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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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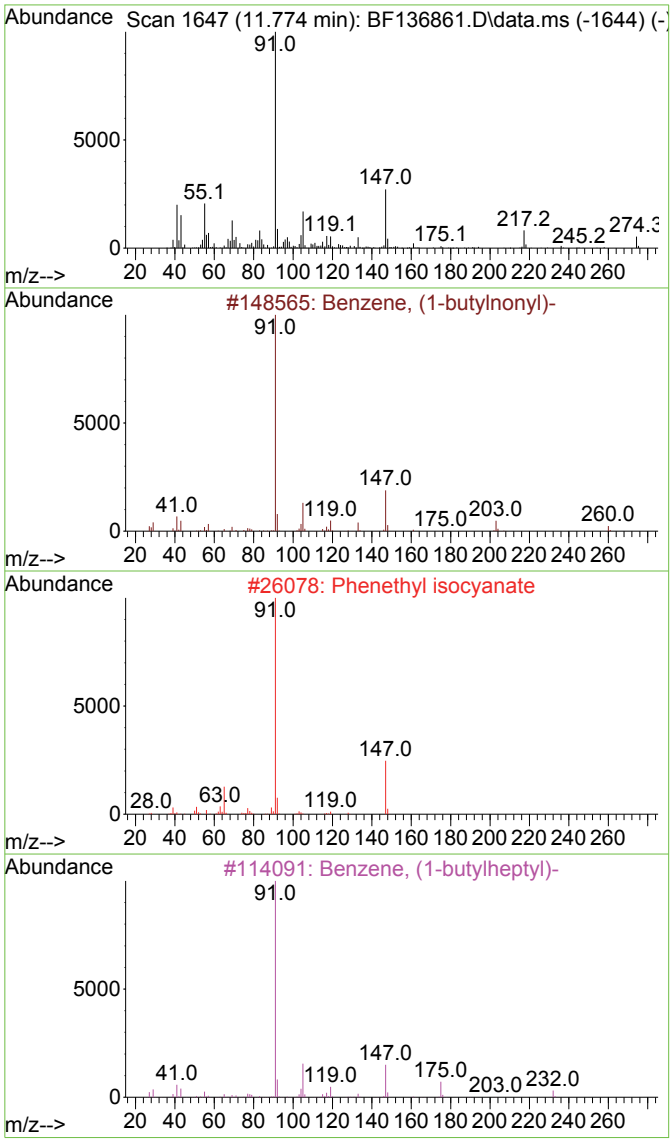
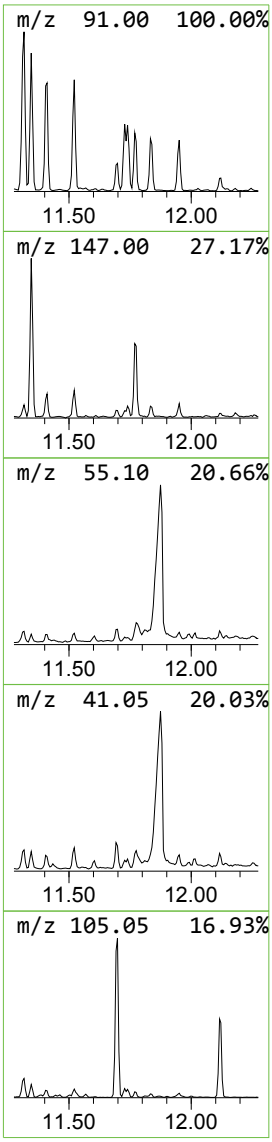
Peak Number 7 Benzene, (1-butylnonyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.775	7.24 ng	462875	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-butylnonyl)-	260	C19H32	004534-50-3	59
2	Phenethyl isocyanate	147	C9H9NO	001943-82-4	49
3	Benzene, (1-butylheptyl)-	232	C17H28	004537-15-9	47
4	Benzene, (1-butyloctyl)-	246	C18H30	002719-63-3	47
5	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	38





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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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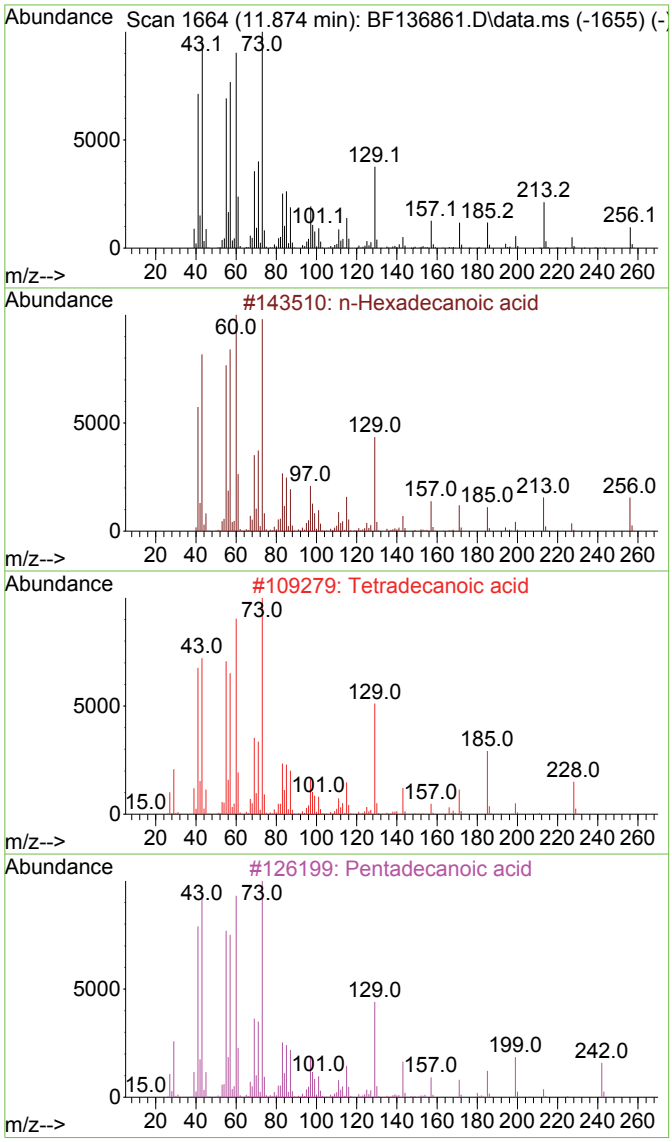
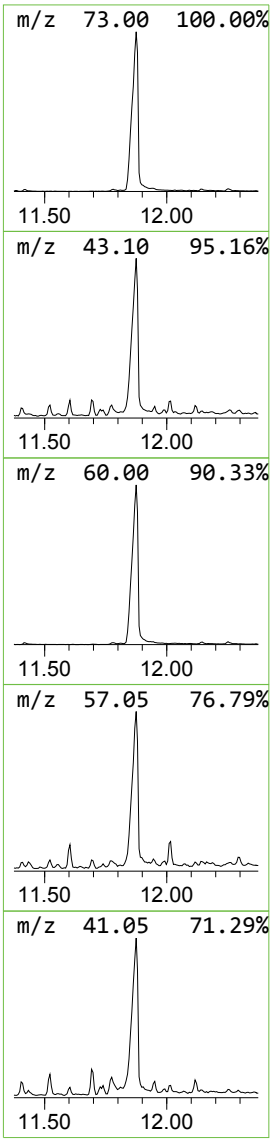
Peak Number 8 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.874	73.49 ng	4699520	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	55





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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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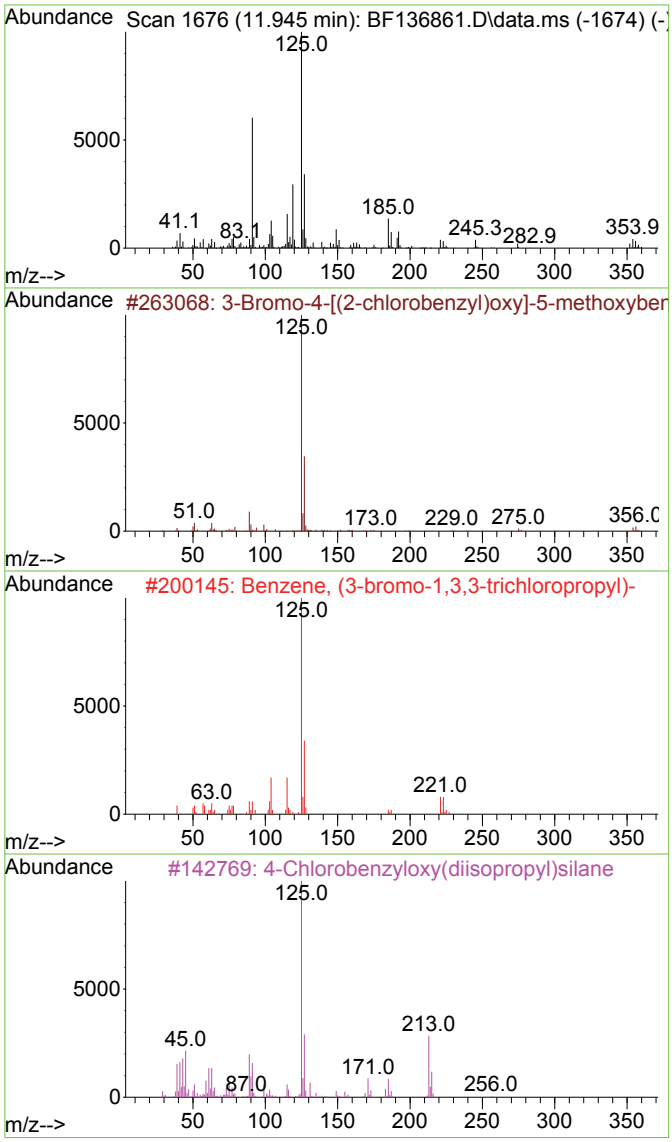
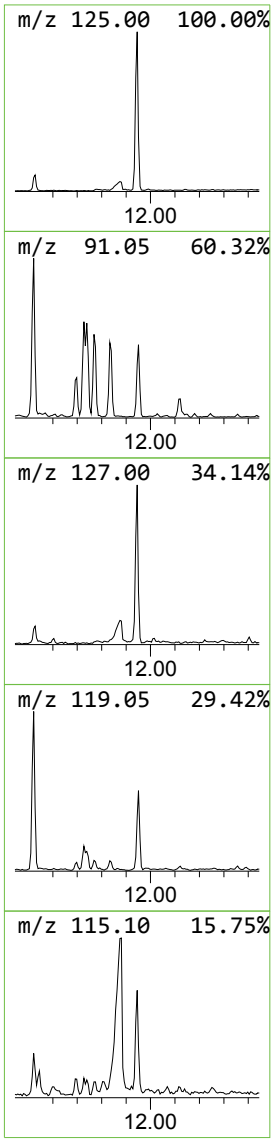
Peak Number 9 3-Bromo-4-[(2-chlorobenzyl)... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	9.58 ng	612622	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Bromo-4-[(2-chlorobenzyl)oxy]-...	354	C15H12BrClO3	345985-64-0	58
2	Benzene, (3-bromo-1,3,3-trichlor...	300	C9H8BrCl3	042956-40-1	53
3	4-Chlorobenzyloxy(diisopropyl)si...	256	C13H21ClOSi	1000279-90-6	50
4	Benzoimidazol-1-yl-[4-(4-chloro-...	392	C22H17ClN2O3	1000295-03-7	50
5	Fumaric acid, 4-chlorobenzyl 2-f...	334	C17H12ClFO4	1000405-91-8	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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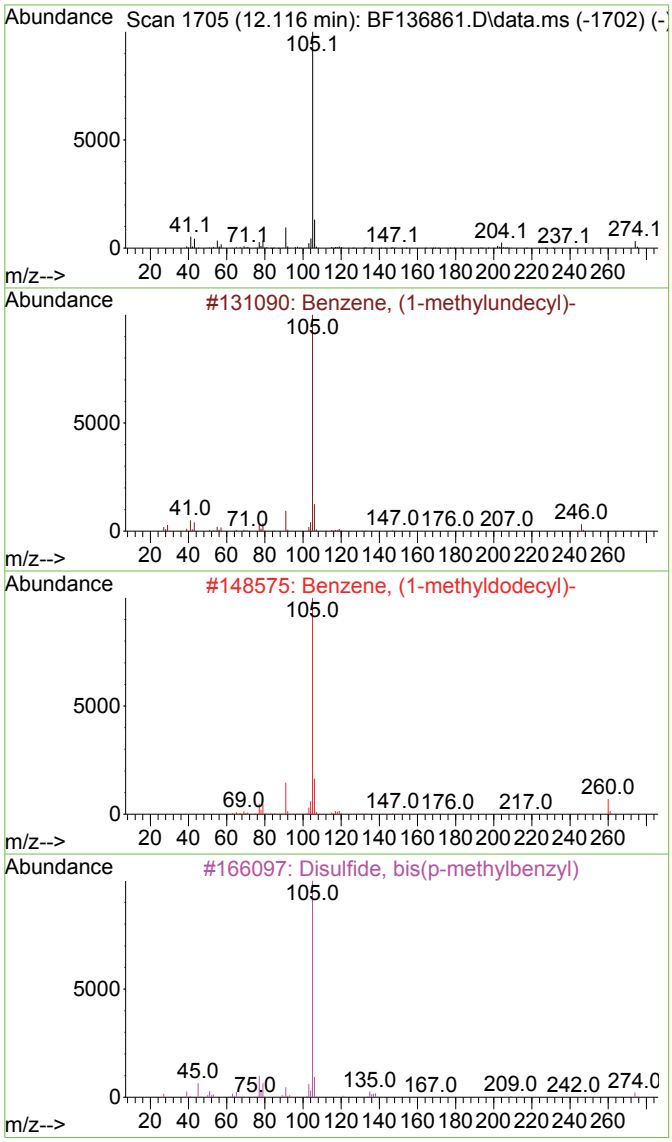
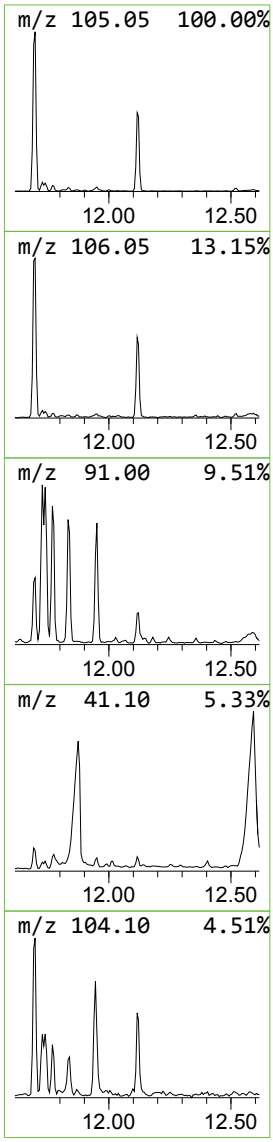
Peak Number 10 Benzene, (1-methylundecyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	6.67 ng	426764	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	72
2	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	64
3	Disulfide, bis(p-methylbenzyl)	274	C16H18S2	020193-94-6	64
4	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	64
5	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	64





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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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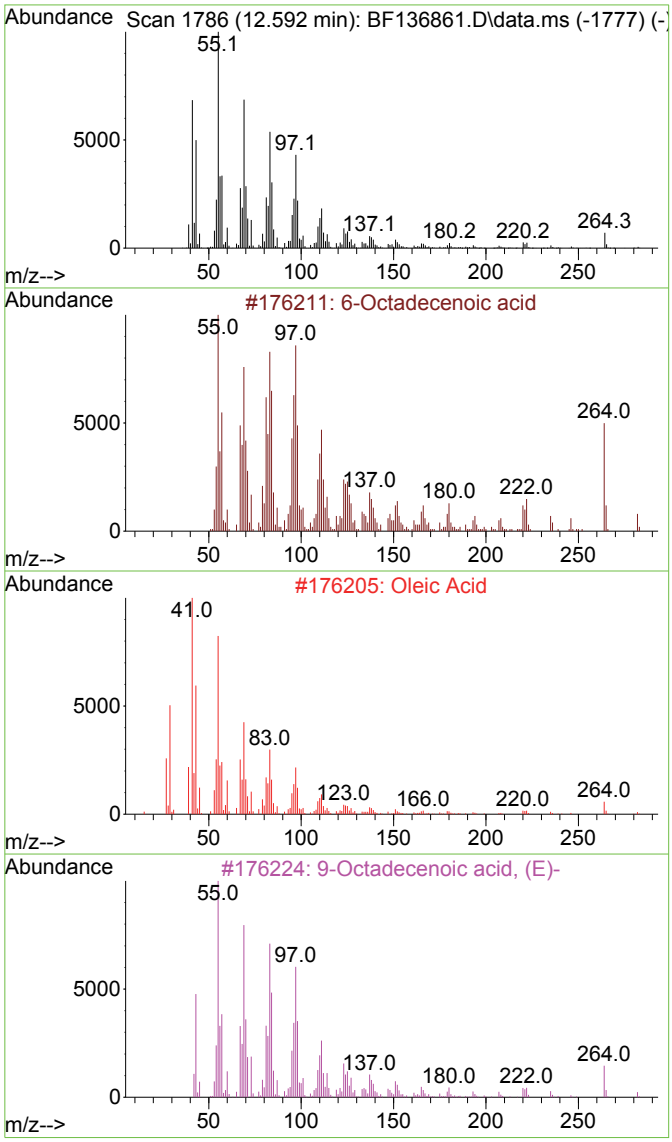
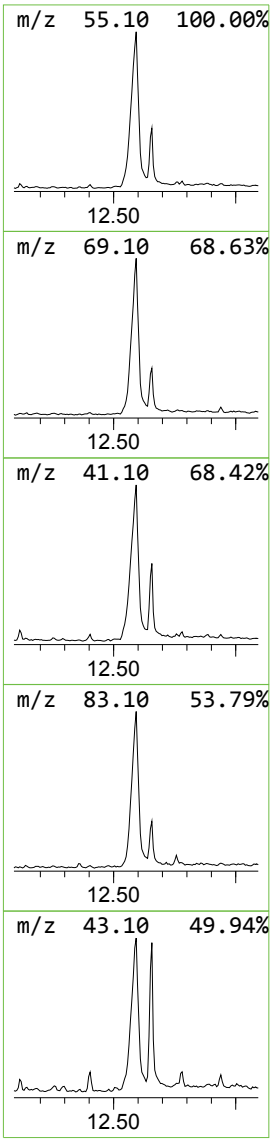
Peak Number 11 6-Octadecenoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.592	107.00 ng	6842350	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	95
2	Oleic Acid	282	C18H34O2	000112-80-1	94
3	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91
4	cis-Vaccenic acid	282	C18H34O2	000506-17-2	91
5	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	91





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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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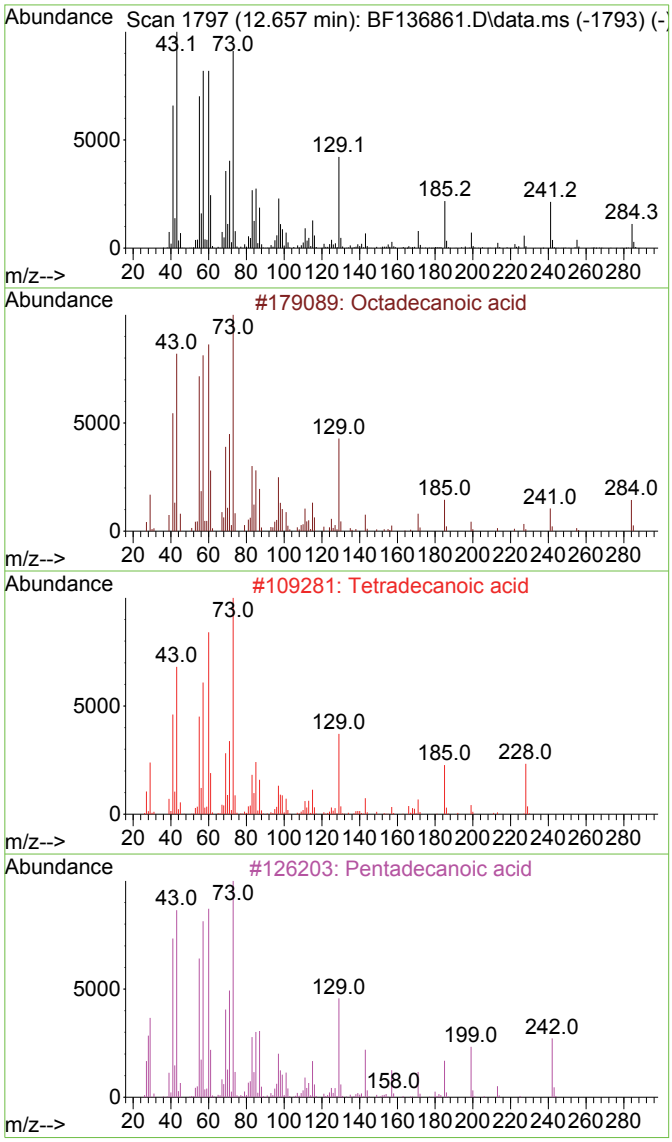
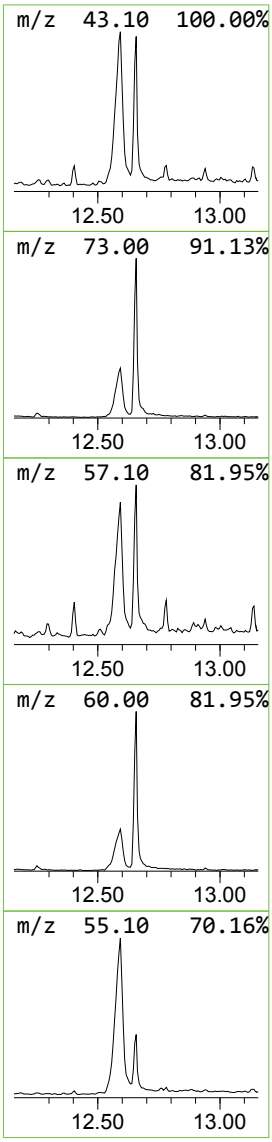
Peak Number 12 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.657	98.44 ng	1848070	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Sample : 05897-07
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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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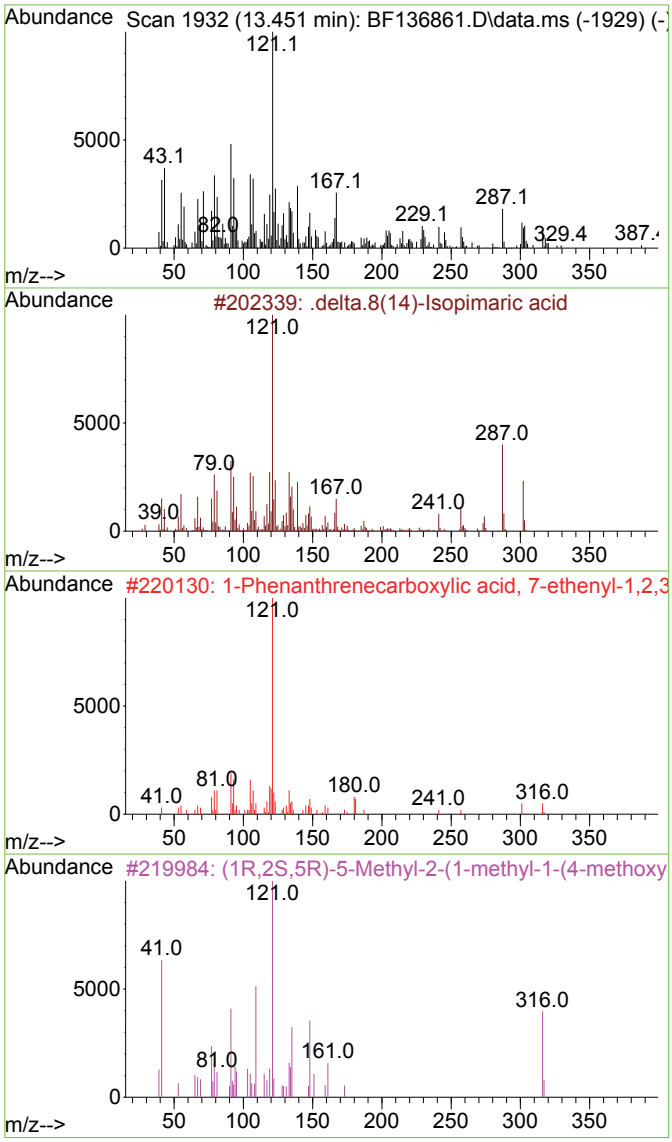
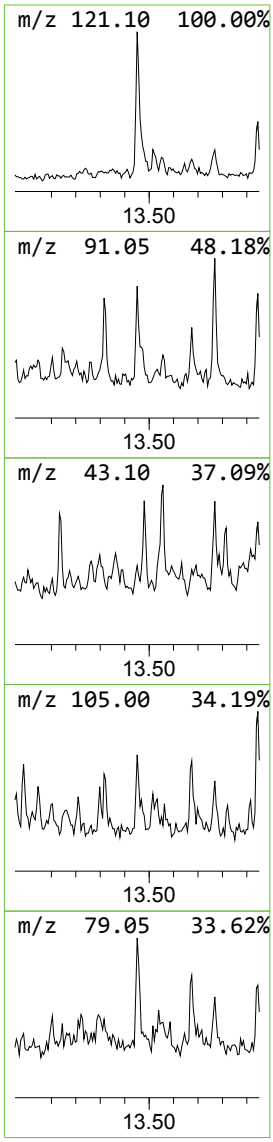
Peak Number 13 unknown13.451 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.451	10.25 ng	192482	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.delta.8(14)-Isopimaric acid	302	C20H30O2	000471-74-9	46
2	1-Phenanthrenecarboxylic acid, 7...	316	C21H32O2	001686-54-0	45
3	(1R,2S,5R)-5-Methyl-2-(1-methyl-...	316	C20H28O3	1000428-70-3	43
4	4-(Dichloromethyl)-3,4-dimethyl-...	204	C9H10Cl2O	014789-74-3	25
5	Acetamide, N-(4-cyanomethylpheny...	280	C17H16N2O2	1010303-53-6	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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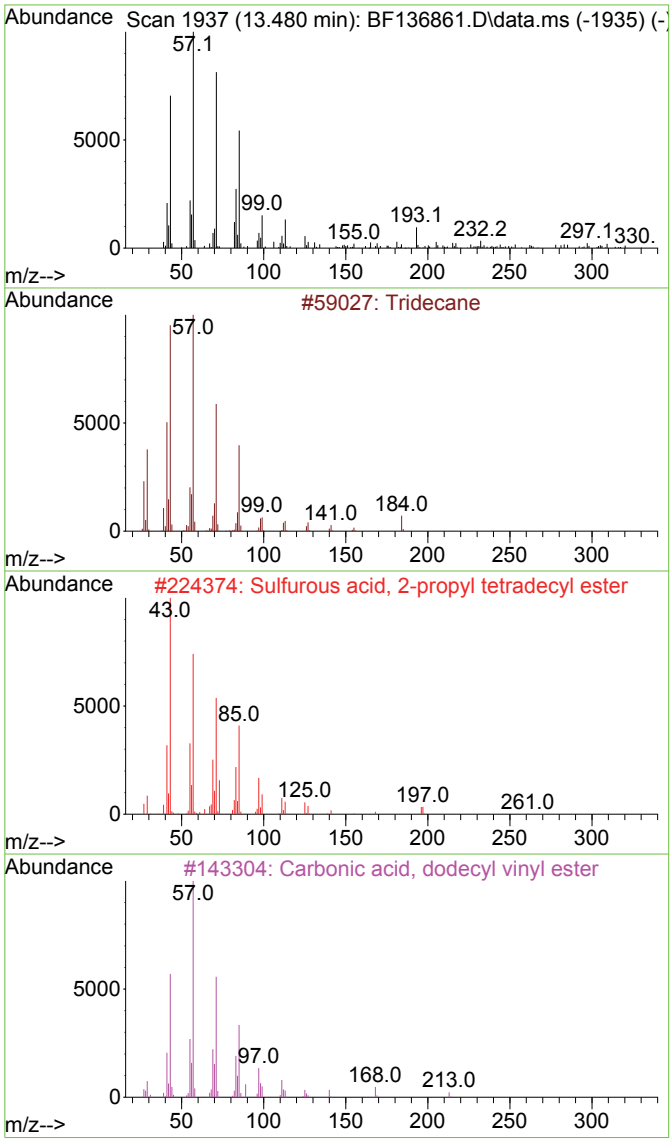
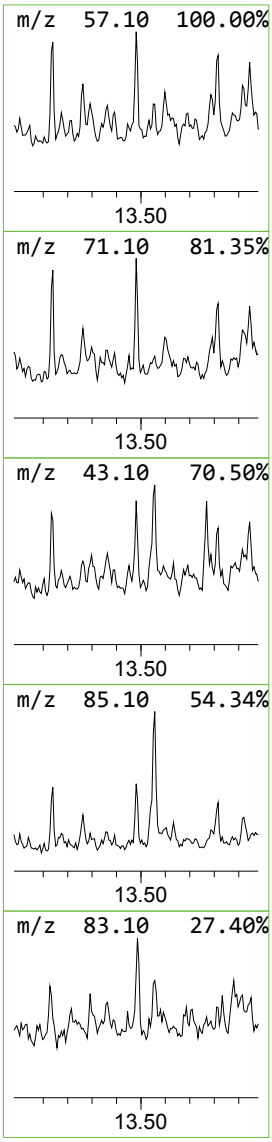
Peak Number 14 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.480	7.68 ng	144191	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	72
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	72
3	Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	72
4	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	64
5	Tetracosane	338	C24H50	000646-31-1	64





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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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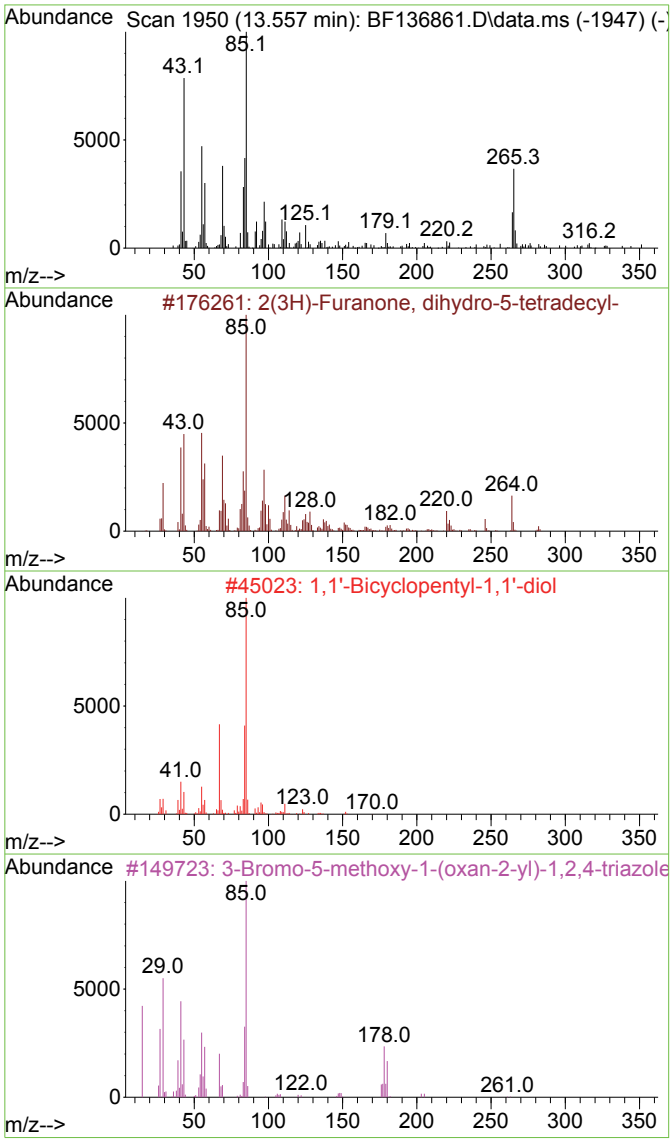
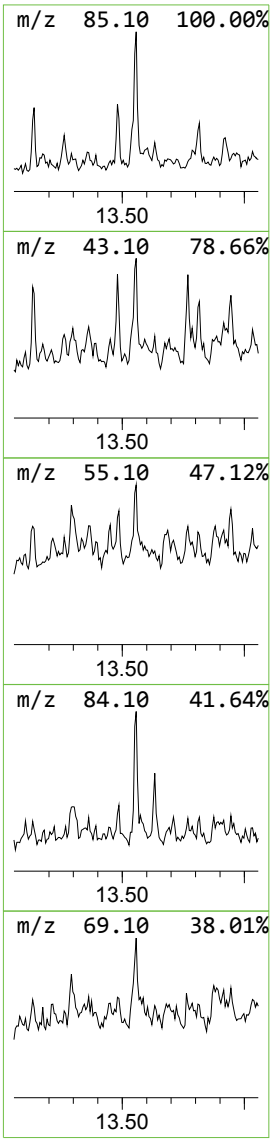
Peak Number 15 2(3H)-Furanone, dihydro-5-t... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.557	6.66 ng	125103	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, dihydro-5-tetrad...	282	C18H34O2	000502-26-1	50
2	1,1'-Bicyclopentyl-1,1'-diol	170	C10H18O2	005181-75-9	47
3	3-Bromo-5-methoxy-1-(oxan-2-yl)-...	261	C8H12BrN3O2	1000445-04-2	46
4	Isobutyl 4-methylpentan-2-yl car...	202	C11H22O3	1000372-76-2	43
5	Pentane, 2,3,3,4-tetramethyl-	128	C9H20	016747-38-9	43





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TIC Library : C:\Database\NIST20.L
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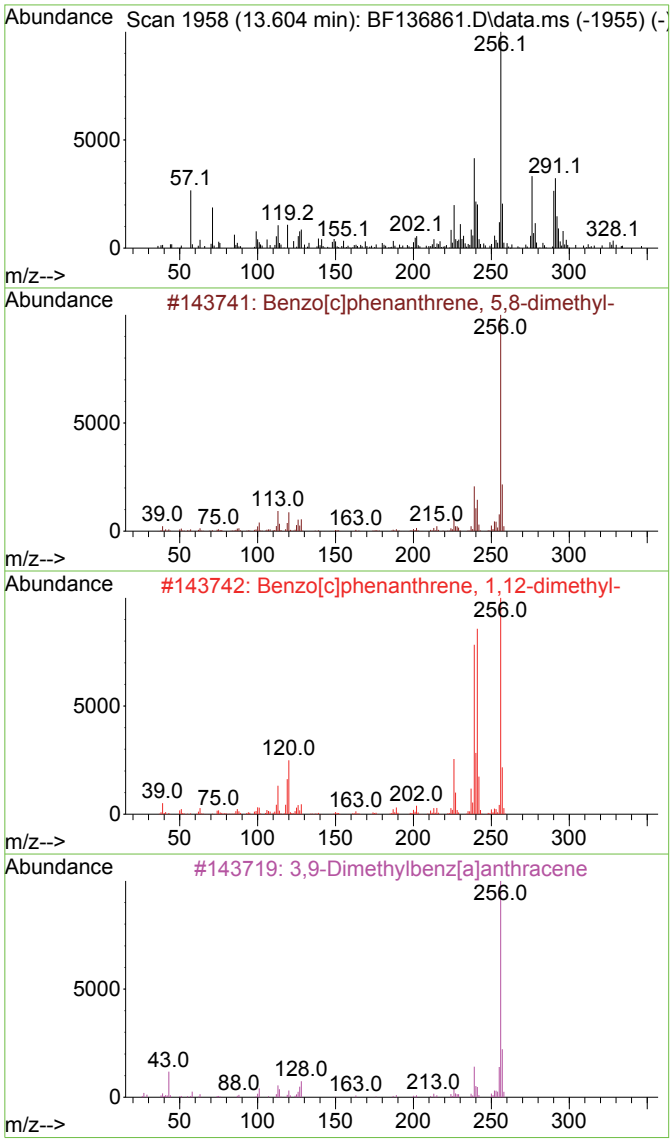
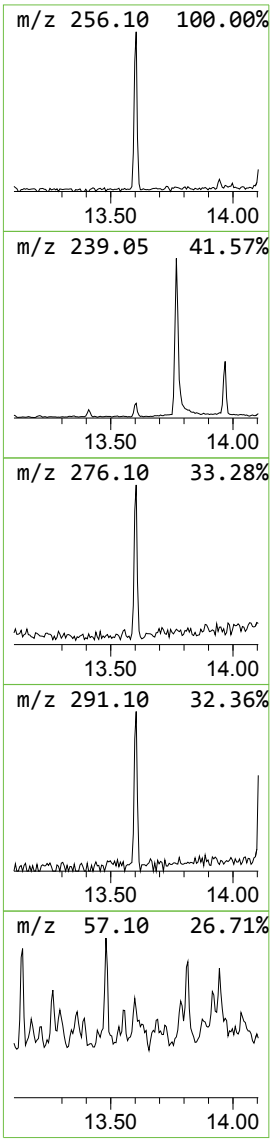
Peak Number 16 Benzo[c]phenanthrene, 5,8-d... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.604	7.49 ng	140705	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	60
2	Benzo[c]phenanthrene, 1,12-dimet...	256	C20H16	004076-43-1	58
3	3,9-Dimethylbenz[a]anthracene	256	C20H16	000316-51-8	53
4	7,12-Dimethylbenz[a]anthracene	256	C20H16	000057-97-6	53
5	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	46





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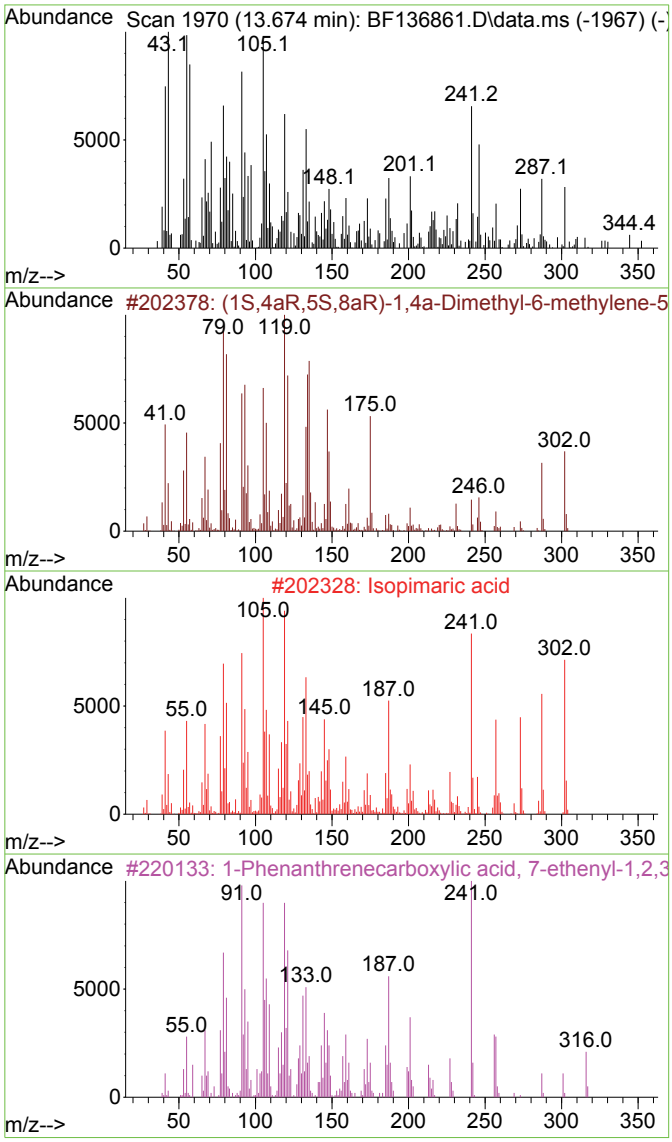
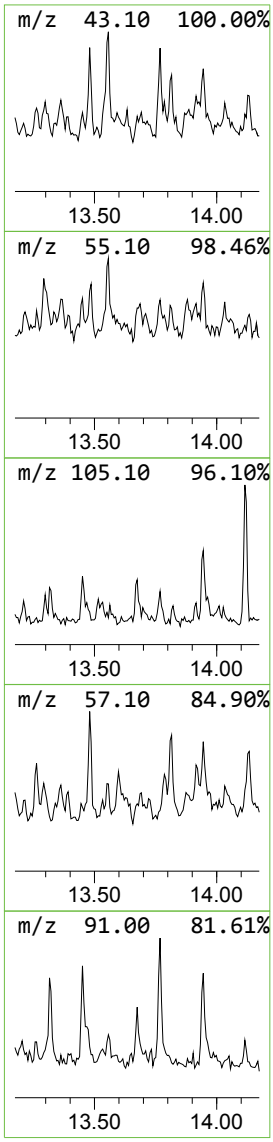
Peak Number 17 unknown13.674 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.674	8.96 ng	168255	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S,4aR,5S,8aR)-1,4a-Dimethyl-6-...	302	C20H30O2	002761-77-5	52
2	Isopimaric acid	302	C20H30O2	005835-26-7	42
3	1-Phenanthrenecarboxylic acid, 7...	316	C21H32O2	001686-62-0	35
4	1,4-Methanophthalazine, 1,4,4a,7...	176	C11H16N2	1000221-84-9	35
5	(4R,6aR,9S,11bS)-4-(Methoxymethy...	302	C21H34O	1000495-78-0	27





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Data File : BF136861.D
Acq On : 30 Dec 2023 08:54
Operator : CG\JU
Sample : 05897-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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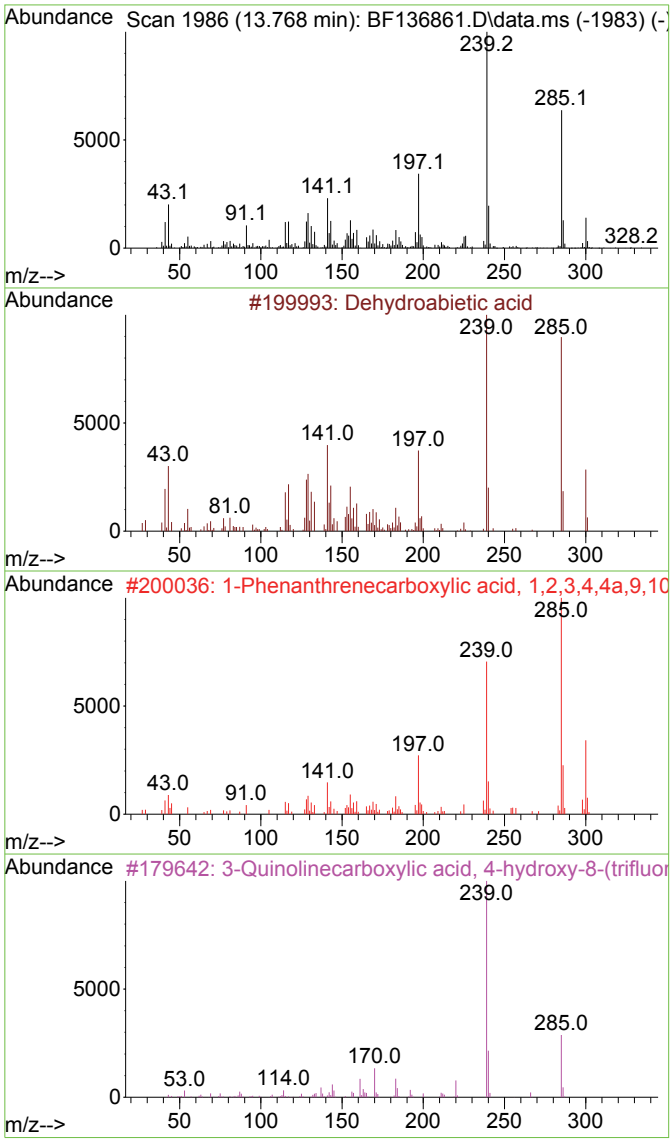
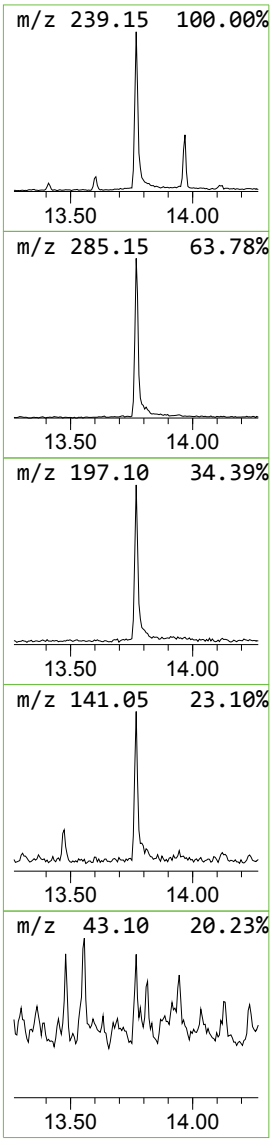
Peak Number 18 Dehydroabietic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.769	32.52 ng	610577	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	99
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	93
3	3-Quinolinecarboxylic acid, 4-hy...	285	C13H10F3NO3	023851-84-5	50
4	2-Phenyl-4-(propen-1-yl)-pyrimid...	239	C14H13N3O	1010287-21-7	46
5	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
Data File : BF136861.D
Acq On : 30 Dec 2023 08:54
Operator : CG\JU
Sample : 05897-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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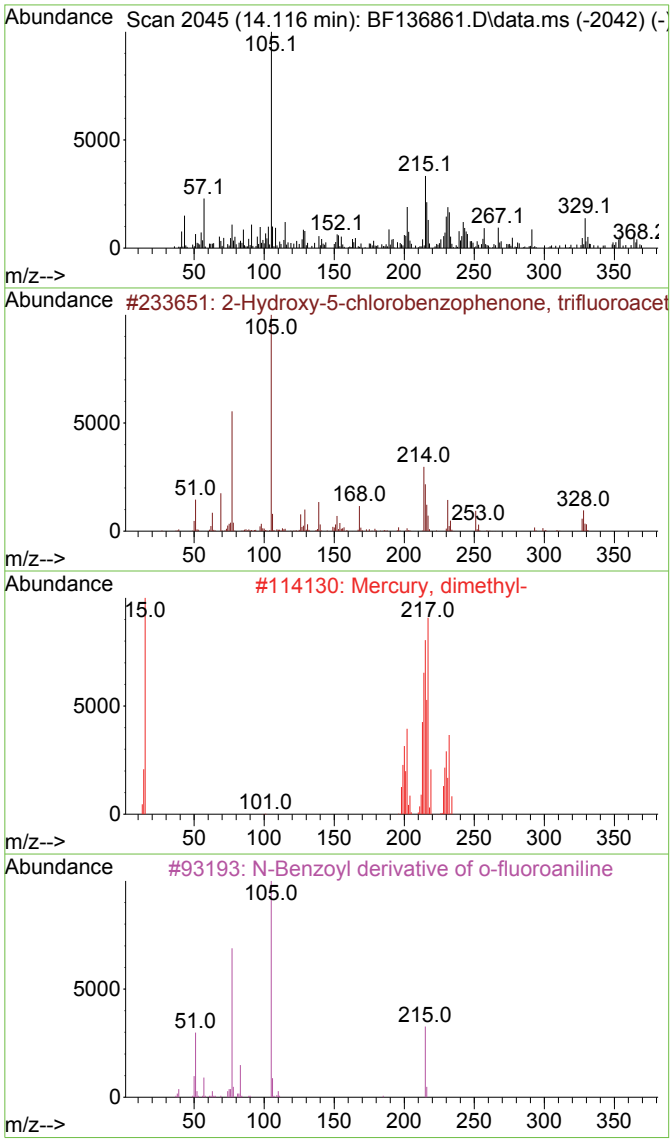
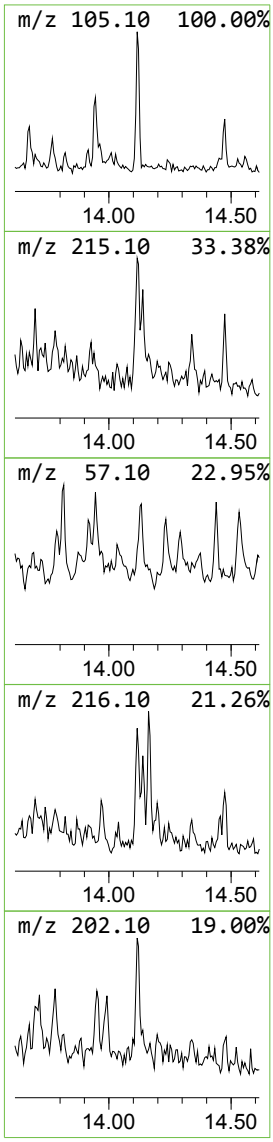
Peak Number 19 unknown14.116 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.116	11.18 ng	209846	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-5-chlorobenzophenone, ...	328	C15H8ClF3O3	1010462-31-6	25
2	Mercury, dimethyl-	232	C2H6Hg	000593-74-8	12
3	N-Benzoyl derivative of o-fluoro...	215	C13H10FNO	000367-97-5	10
4	Methanone, (4-chlorophenyl)phenyl-	216	C13H9ClO	000134-85-0	9
5	Methanone, (2-chlorophenyl)phenyl-	216	C13H9ClO	005162-03-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
Data File : BF136861.D
Acq On : 30 Dec 2023 08:54
Operator : CG\JU
Sample : 05897-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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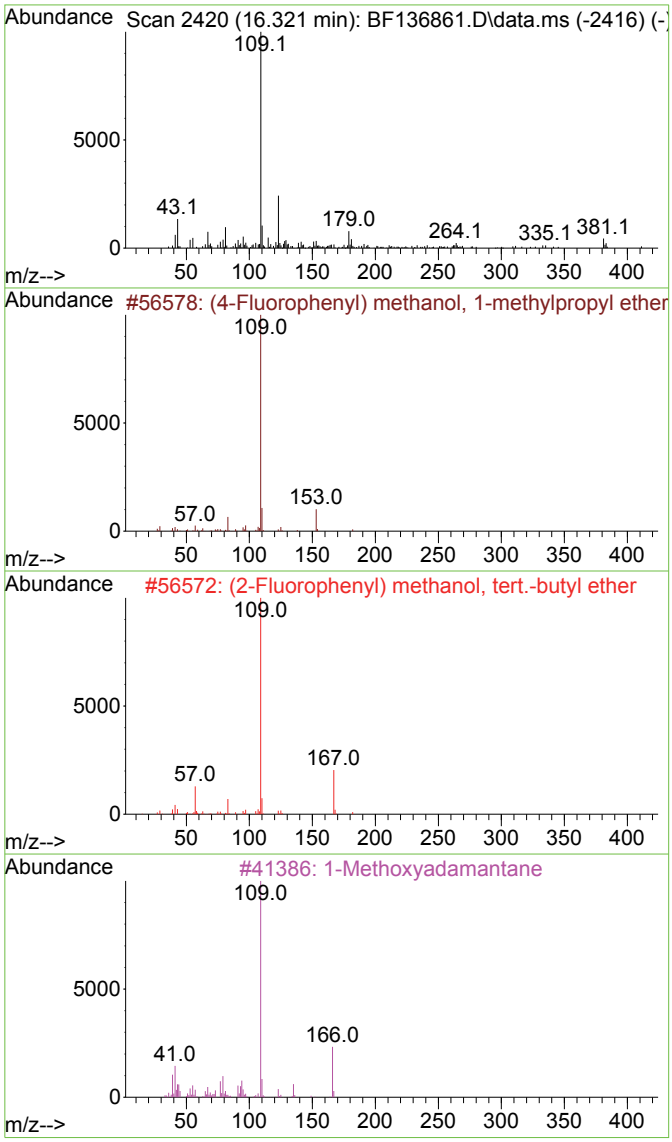
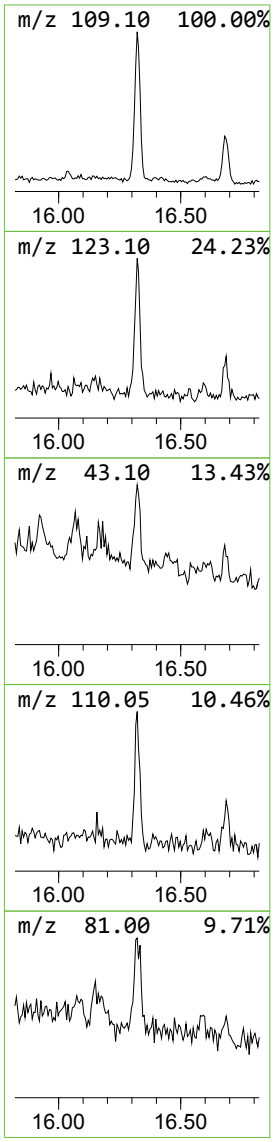
Peak Number 20 (4-Fluorophenyl) methanol, ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.321	8.47 ng	175095	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Fluorophenyl) methanol, 1-met...	182	C11H15FO	1010374-63-9	53
2	(2-Fluorophenyl) methanol, tert....	182	C11H15FO	1000374-56-8	53
3	1-Methoxyadamantane	166	C11H18O	006221-74-5	53
4	Pyridine-2,4-diamine	109	C5H7N3	000461-88-1	53
5	Pyridine, 2,5-diamino-	109	C5H7N3	004318-76-7	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
Data File : BF136861.D
Acq On : 30 Dec 2023 08:54
Operator : CG\JU
Sample : 05897-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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
Toluene	3.863	10.1	ng	213359	1	6.781	422908	20.0
Ethylbenzene	5.275	13.0	ng	274972	1	6.781	422908	20.0
p-Xylene	5.634	7.3	ng	154663	1	6.781	422908	20.0
Benzene, 1-(bro...	9.622	55.9	ng	1641290	3	9.816	587591	20.0
unknown9.686	9.686	18.9	ng	555197	3	9.816	587591	20.0
Benzene, (1-met...	11.698	12.6	ng	805396	4	11.304	1278930	20.0
Benzene, (1-but...	11.775	7.2	ng	462875	4	11.304	1278930	20.0
n-Hexadecanoic ...	11.874	73.5	ng	4699520	4	11.304	1278930	20.0
3-Bromo-4-[(2-c...	11.945	9.6	ng	612622	4	11.304	1278930	20.0
Benzene, (1-met...	12.116	6.7	ng	426764	4	11.304	1278930	20.0
6-Octadecenoic ...	12.592	107.0	ng	6842350	4	11.304	1278930	20.0
Octadecanoic acid	12.657	98.4	ng	1848070	5	13.963	375487	20.0
unknown13.451	13.451	10.3	ng	192482	5	13.963	375487	20.0
Tridecane	13.480	7.7	ng	144191	5	13.963	375487	20.0
2(3H)-Furanone,...	13.557	6.7	ng	125103	5	13.963	375487	20.0
Benzo[c]phenant...	13.604	7.5	ng	140705	5	13.963	375487	20.0
unknown13.674	13.674	9.0	ng	168255	5	13.963	375487	20.0
Dehydroabietic ...	13.769	32.5	ng	610577	5	13.963	375487	20.0
unknown14.116	14.116	11.2	ng	209846	5	13.963	375487	20.0
(4-Fluorophenyl...	16.321	8.5	ng	175095	6	15.445	413597	20.0