LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
Data File : BF136089.D
Acq On : 01 Nov 2023 21:37
Operator : CG\JU
Sample : 05005-04 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N-3(0-5)

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-BF103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136089.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.428	392	398	402	rBV	740318	805062	11.38%	1.070%
2	5.051	497	504	507	rBV	1195595	1354643	19.15%	1.801%
3	5.451	565	572	575	rBV	1556299	1431435	20.24%	1.903%
4	5.598	594	597	603	rBV3	80914	132805	1.88%	0.177%
5	5.687	608	612	615	rVV2	88304	116389	1.65%	0.155%
6	5.740	618	621	628	rVB2	321530	316468	4.47%	0.421%
7	5.840	634	638	644	rVB2	175791	277617	3.92%	0.369%
8	5.904	644	649	651	rBV2	86805	128074	1.81%	0.170%
9	5.998	659	665	668	rVB2	658871	807803	11.42%	1.074%
10	6.034	668	671	673	rBV2	100177	116257	1.64%	0.155%
11	6.075	675	678	681	rVV2	873337	910052	12.86%	1.210%
12	6.134	685	688	690	rBV	831306	644328	9.11%	0.857%
13	6.216	700	702	705	rVB	139409	116768	1.65%	0.155%
14	6.269	705	711	712	rBV	521984	621727	8.79%	0.827%
15	6.292	712	715	719	rVB	3172098	2796850	39.54%	3.719%
16	6.328	719	721	723	rVB	638221	427259	6.04%	0.568%
17	6.357	723	726	729	rBV2	1707027	1879588	26.57%	2.499%
18	6.381	729	730	733	rVB	654188	478211	6.76%	0.636%
19	6.428	733	738	740	rBV2	883734	1148034	16.23%	1.526%
20	6.451	740	742	745	rVB	1440635	1173888	16.59%	1.561%
21	6.475	745	746	748	rVB	238416	145973	2.06%	0.194%
22	6.510	748	752	757	rVB3	916338	1182664	16.72%	1.573%
23	6.569	757	762	766	rBV3	524395	1107789	15.66%	1.473%
24	6.604	766	768	770	rVB	268641	188928	2.67%	0.251%
25	6.663	773	778	781	rBV2	2607613	3792202	53.61%	5.042%
26	6.769	789	796	797	rBV	856722	940924	13.30%	1.251%
27	6.828	802	806	807	rVV	1076514	1175088	16.61%	1.562%
28	6.845	807	809	811	rVV	1423769	1130069	15.98%	1.503%
29	6.892	812	817	820	rVV	6665526	7073937	100.00%	9.406%
30	6.922	820	822	823	rVV2	220197	209884	2.97%	0.279%
31	6.940	823	825	828	rVV2	273278	291859	4.13%	0.388%
32	6.975	828	831	834	rVV2	907007	1050261	14.85%	1.396%
33	7.010	834	837	839	rVV	3892104	3153188	44.57%	4.193%
34	7.075	842	848	850	rBV	2704526	2202814	31.14%	2.929%
35	7.098	850	852	855	rVB	980229	849893	12.01%	1.130%
36	7.145	855	860	862	rBV	2780640	2345251	33.15%	3.118%

LSC Area Percent Report

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Misc :
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Instrument :
BNA_F
ClientSampleId :
N-3(0-5)

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-BF103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.163	862	863	867	rVB	678843	456655	6.46%	0.607%
38	7.216	868	872	875	rBV	1635181	1406330	19.88%	1.870%
39	7.251	875	878	882	rVB5	81252	116425	1.65%	0.155%
40	7.287	882	884	886	rBV	198168	161265	2.28%	0.214%
41	7.357	892	896	898	rVV	2744977	2462618	34.81%	3.274%
42	7.381	898	900	905	rVV2	1049025	1210618	17.11%	1.610%
43	7.422	905	907	910	rVB	660894	477521	6.75%	0.635%
44	7.463	910	914	918	rVB4	203063	235078	3.32%	0.313%
45	7.504	918	921	924	rBV	340004	278419	3.94%	0.370%
46	7.592	934	936	939	rVB	202482	153319	2.17%	0.204%
47	7.845	976	979	983	rBV	285335	257940	3.65%	0.343%
48	8.104	1018	1023	1025	rBV	1291211	1114533	15.76%	1.482%
49	8.122	1025	1026	1029	rVB	546218	363818	5.14%	0.484%
50	8.816	1141	1144	1147	rVB	310140	222592	3.15%	0.296%
51	8.916	1156	1161	1164	rVB	254693	204196	2.89%	0.272%
52	9.181	1202	1206	1209	rBV	2120716	1577955	22.31%	2.098%
53	9.445	1244	1251	1255	rBV	103881	148034	2.09%	0.197%
54	9.516	1260	1263	1266	rBV	164998	158589	2.24%	0.211%
55	9.722	1294	1298	1304	rVB	215303	178951	2.53%	0.238%
56	9.863	1315	1322	1325	rBV	1233635	1034616	14.63%	1.376%
57	9.892	1325	1327	1331	rVB	143395	120734	1.71%	0.161%
58	10.180	1369	1376	1378	rBV3	103746	175520	2.48%	0.233%
59	10.410	1412	1415	1421	rVB	303690	270179	3.82%	0.359%
60	10.651	1451	1456	1460	rBV	932223	821642	11.62%	1.092%
61	10.780	1474	1478	1485	rVB2	144640	225205	3.18%	0.299%
62	11.251	1556	1558	1563	rVB2	208266	228303	3.23%	0.304%
63	11.351	1572	1575	1577	rBV	866366	816682	11.54%	1.086%
64	11.380	1577	1580	1583	rVV	1352843	1148775	16.24%	1.527%
65	11.427	1585	1588	1591	rVB	288267	226604	3.20%	0.301%
66	11.657	1624	1627	1630	rBV	181104	144098	2.04%	0.192%
67	11.857	1658	1661	1664	rBV2	252763	254200	3.59%	0.338%
68	11.892	1664	1667	1671	rVV2	458338	488843	6.91%	0.650%
69	11.969	1677	1680	1683	rVV	496952	556909	7.87%	0.740%
70	11.992	1683	1684	1689	rVB	227353	167825	2.37%	0.223%
71	12.416	1751	1756	1759	rBV2	224566	283682	4.01%	0.377%
72	12.457	1759	1763	1769	rVB2	212595	336705	4.76%	0.448%
73	12.521	1769	1774	1776	rBV3	86262	141851	2.01%	0.189%
74	12.586	1782	1785	1787	rBV	1424487	1121361	15.85%	1.491%
75	12.621	1787	1791	1795	rVV	2109488	2194327	31.02%	2.918%
76	12.680	1797	1801	1807	rVV2	160333	245431	3.47%	0.326%

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Instrument :
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N-3(0-5)

Integration Parameters: rteint.p
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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.727	1807	1809	1817	rVB3	138248	179712	2.54%	0.239%
78	12.810	1817	1823	1825	rBV	1489323	1472664	20.82%	1.958%
79	12.951	1844	1847	1855	rVB	1476121	1415178	20.01%	1.882%
80	13.027	1856	1860	1863	rVV2	146822	203627	2.88%	0.271%
81	13.133	1872	1878	1881	rVB	342241	491250	6.94%	0.653%
82	13.204	1886	1890	1893	rVV2	294276	302344	4.27%	0.402%
83	13.239	1893	1896	1900	rVV2	230324	214685	3.03%	0.285%
84	13.333	1909	1912	1915	rBV	202608	171007	2.42%	0.227%
85	13.363	1915	1917	1921	rVB2	198571	200450	2.83%	0.267%
86	13.545	1945	1948	1953	rVB2	148989	178551	2.52%	0.237%
87	13.757	1982	1984	1987	rVB	186513	169437	2.40%	0.225%
88	13.810	1991	1993	1997	rVV2	317160	304105	4.30%	0.404%
89	14.010	2022	2027	2030	rBV2	1099051	1541018	21.78%	2.049%
90	14.039	2030	2032	2035	rVB	610529	465204	6.58%	0.619%
91	14.192	2056	2058	2062	rVB2	138169	128381	1.81%	0.171%
92	14.404	2092	2094	2096	rVB	167627	121602	1.72%	0.162%
93	14.498	2107	2110	2113	rBV3	167262	177792	2.51%	0.236%
94	14.821	2162	2165	2171	rVB2	128971	189236	2.68%	0.252%
95	15.068	2203	2207	2214	rBV	352483	680716	9.62%	0.905%
96	15.174	2222	2225	2229	rVB	179663	209976	2.97%	0.279%
97	15.374	2256	2259	2264	rVB	276930	326986	4.62%	0.435%
98	15.439	2266	2270	2274	rBV	385427	455032	6.43%	0.605%
99	15.504	2277	2281	2285	rBV	441364	531146	7.51%	0.706%
100	17.015	2534	2538	2545	rBV2	179211	365399	5.17%	0.486%

Sum of corrected areas: 75207828

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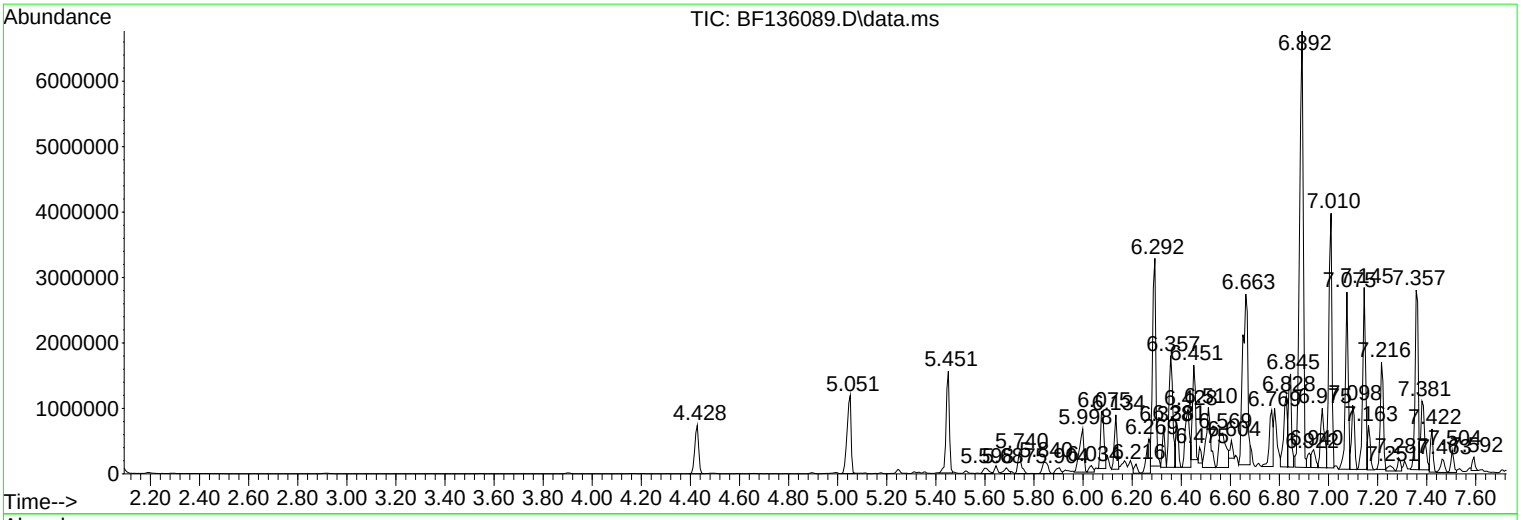
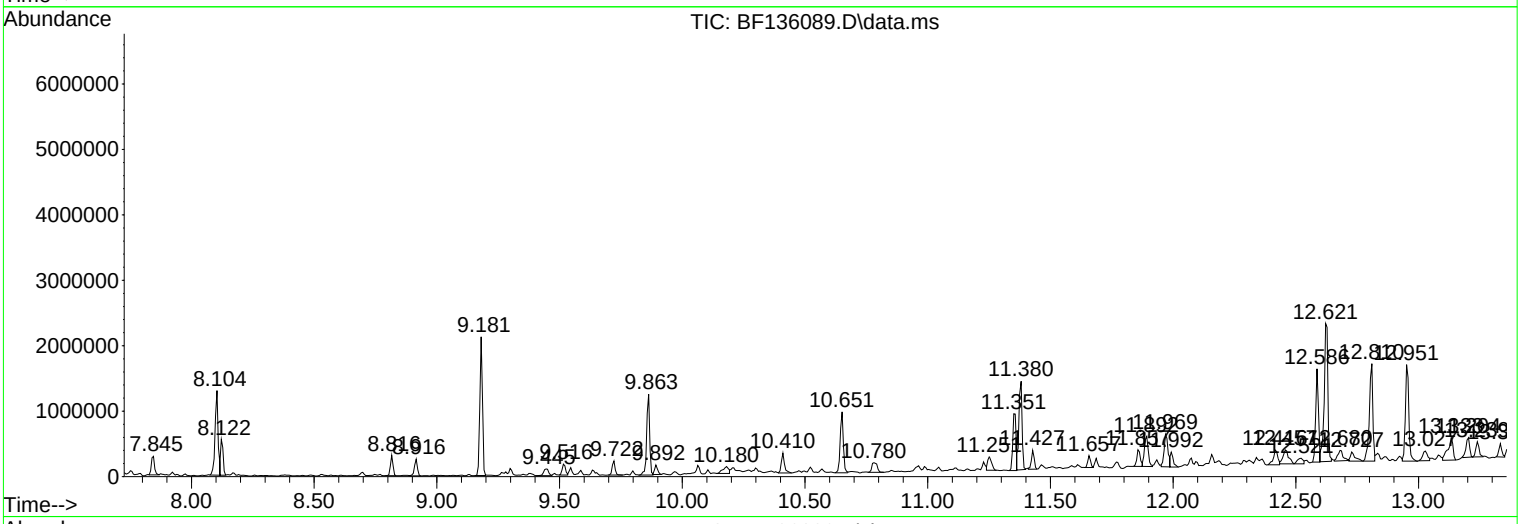
ALS Vial : 23 Sample Multiplier: 1

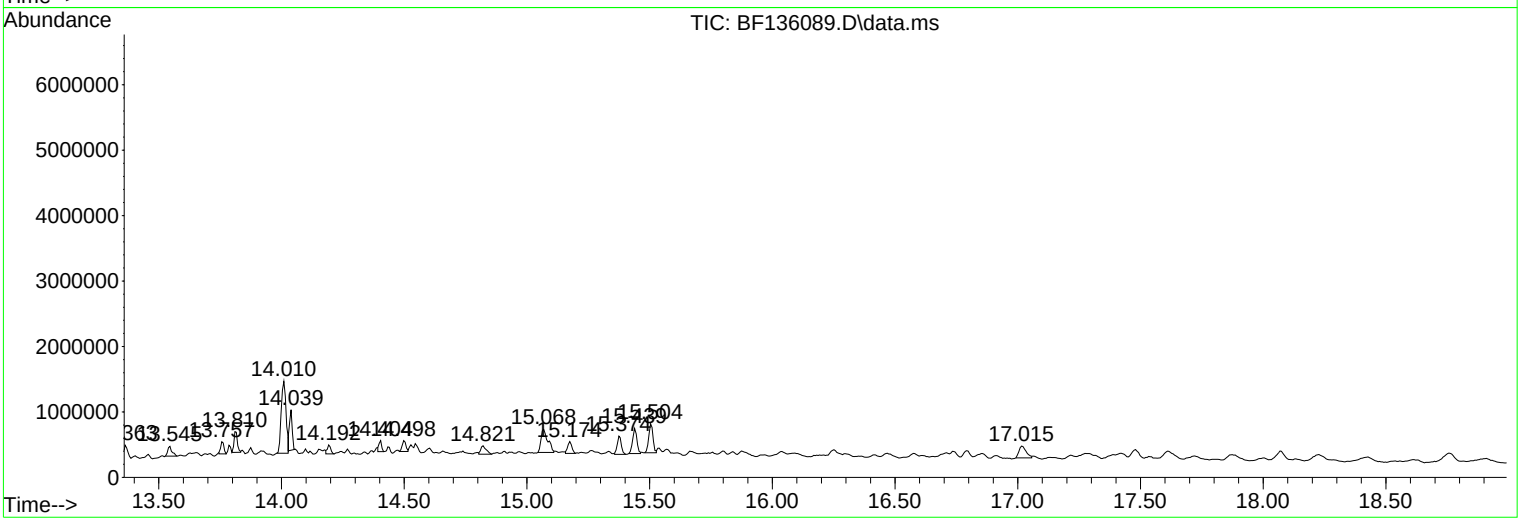
Instrument :
BNA_F
ClientSampleId :
N-3(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.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\BF110123\
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Sample : 05005-04 2X
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Instrument :
BNA_F
ClientSampleId :
N-3(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

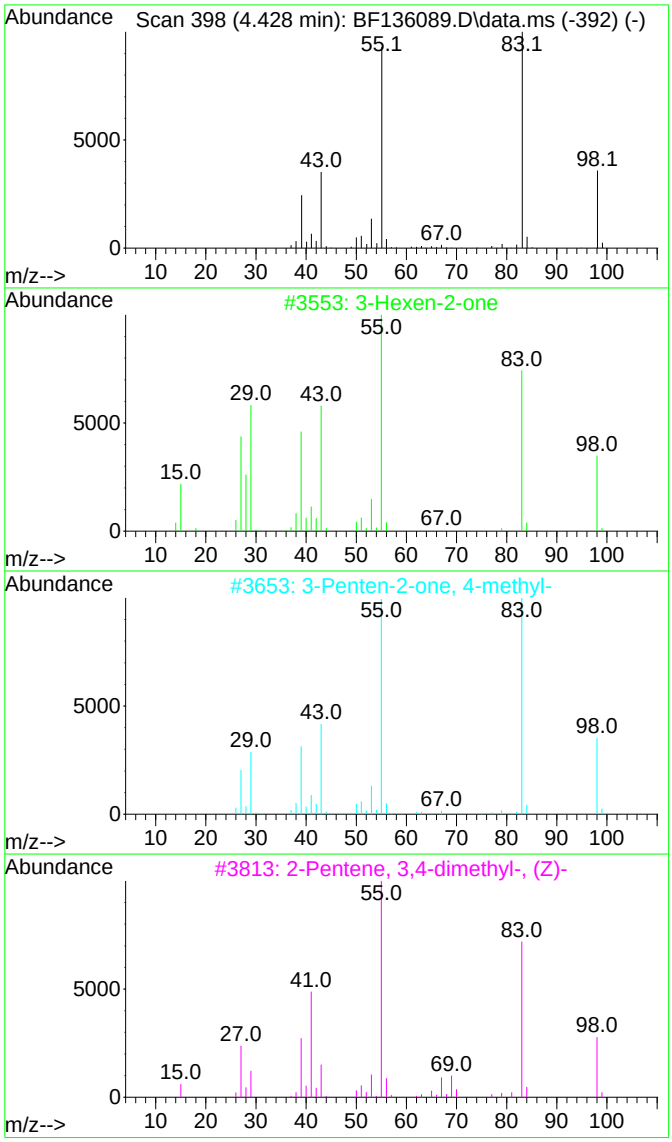
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

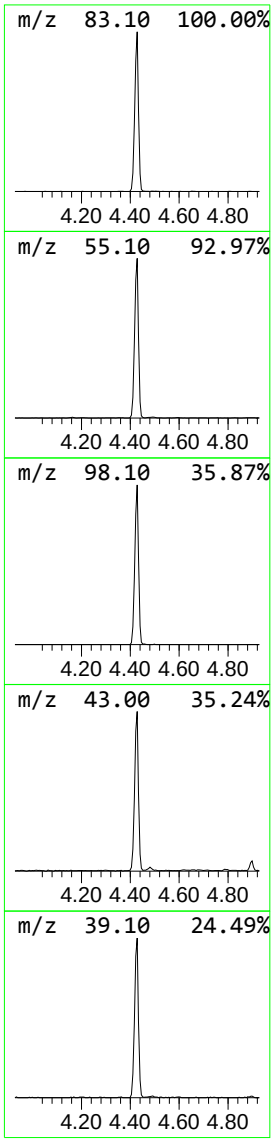
****

Peak Number 1 3-Hexen-2-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.428	13.70 ng	805062	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one	98	C6H10O	000763-93-9	91
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80





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Instrument :
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ClientSampleId :
N-3(0-5)

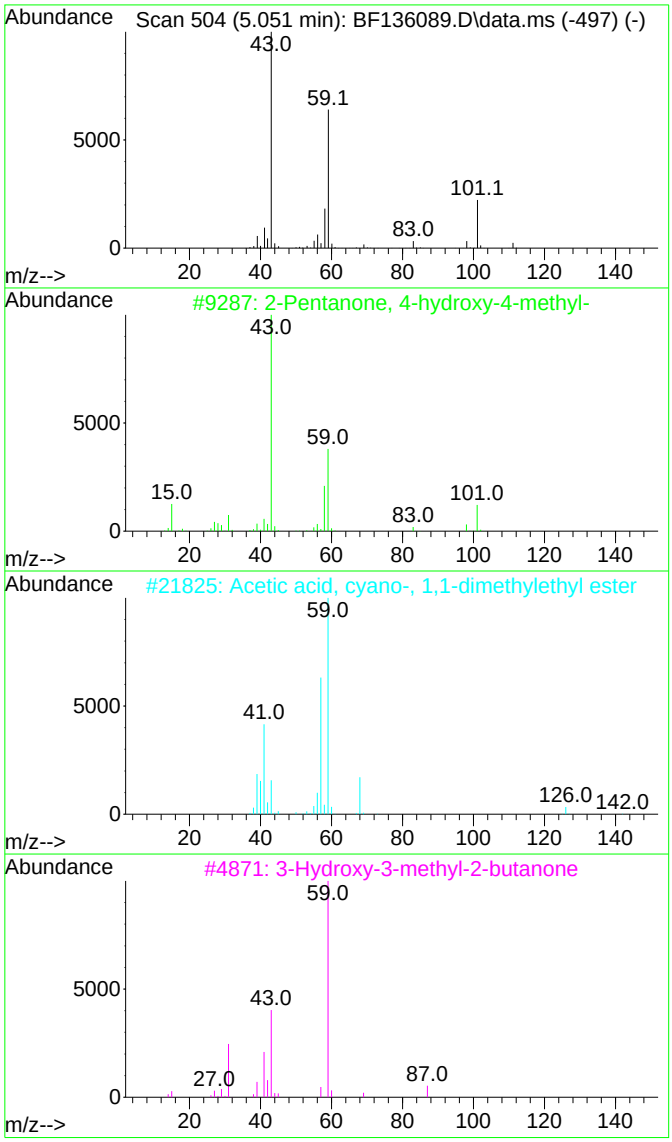
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

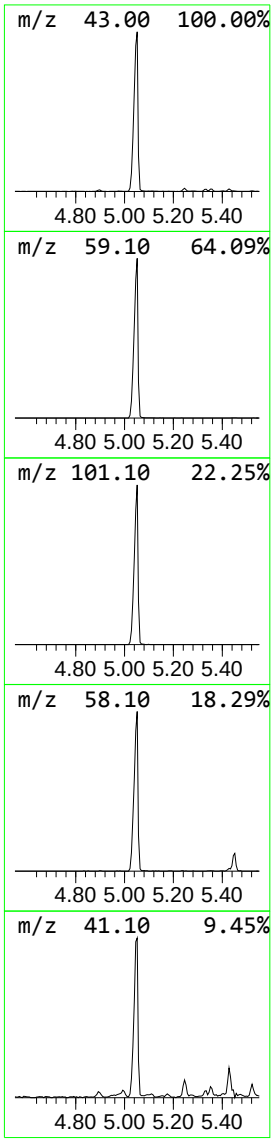
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.051	23.06 ng	1354640	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	10
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

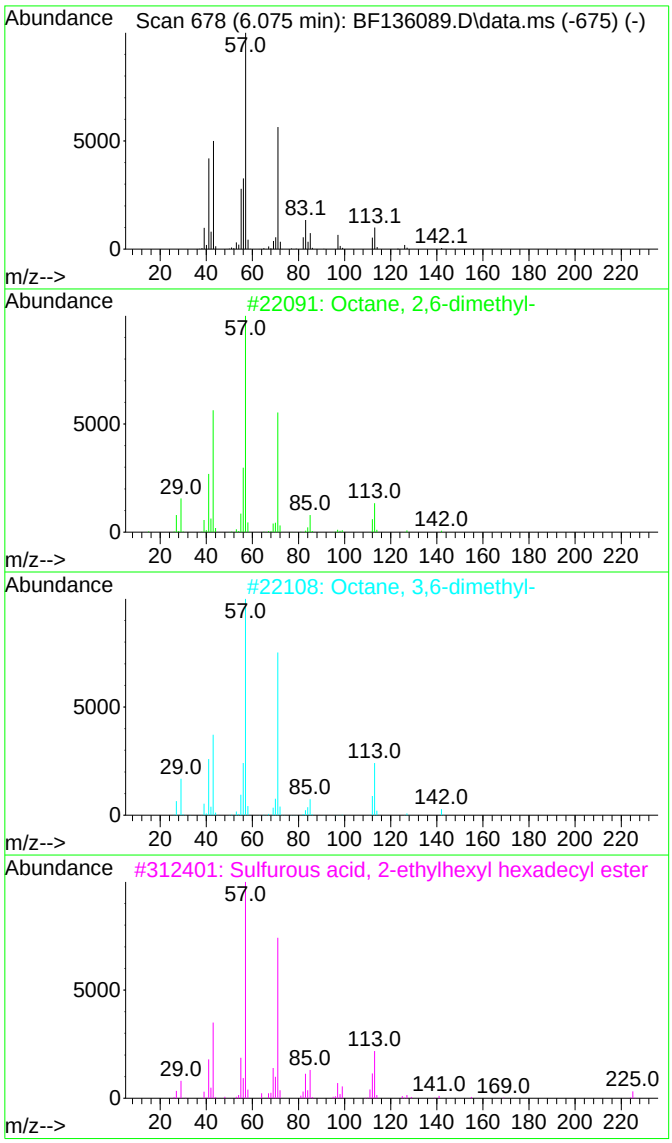
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

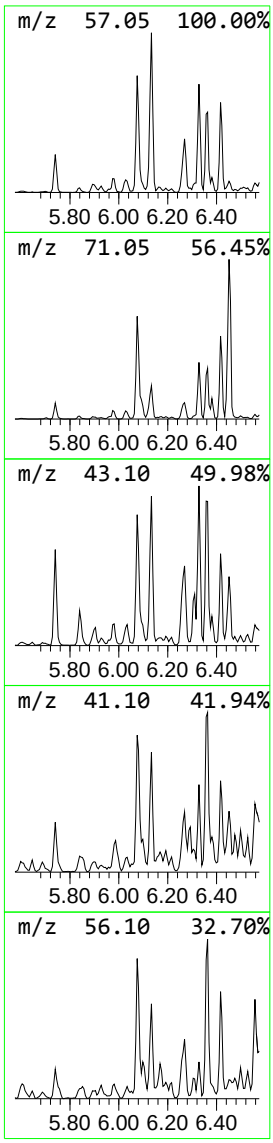
****

Peak Number 4 Octane, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.075	15.49 ng	910052	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
3	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
5	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
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Instrument :
BNA_F
ClientSampleId :
N-3(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

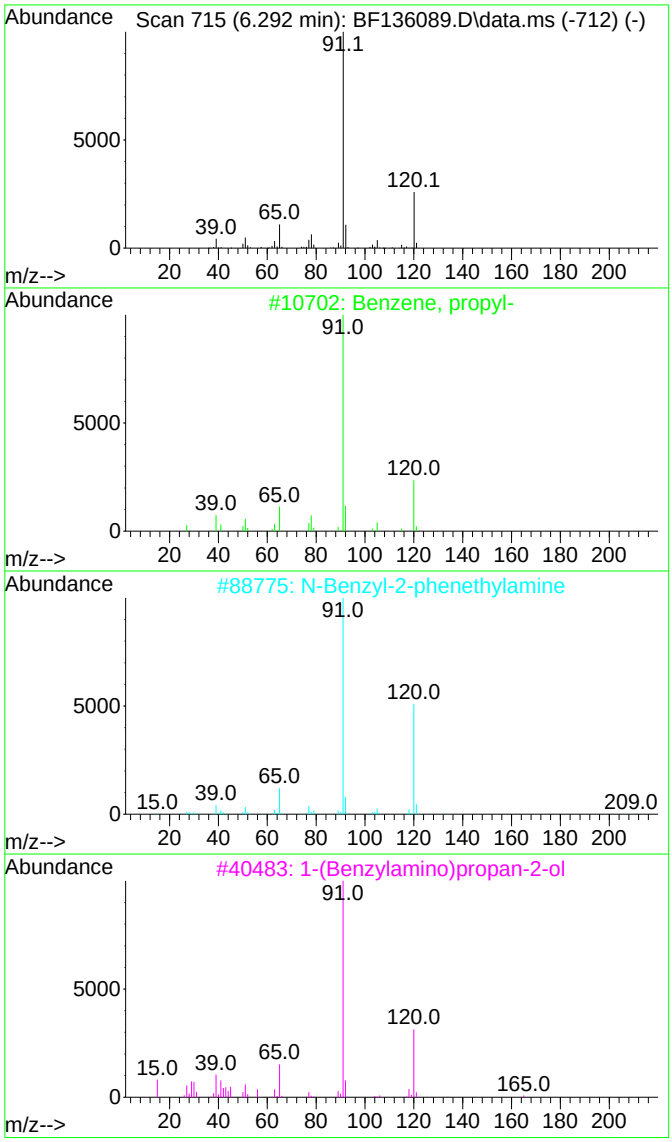
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

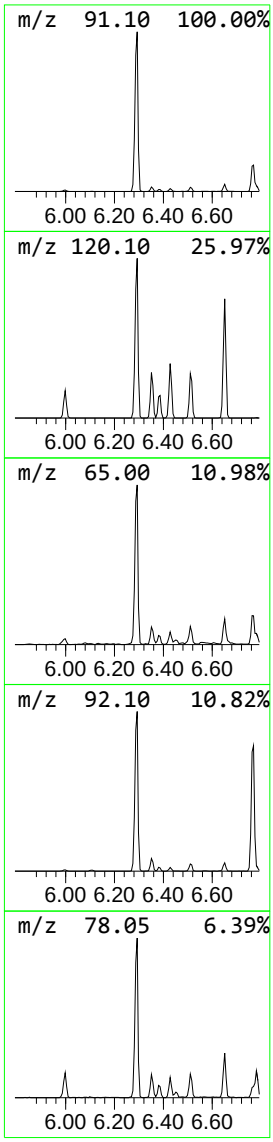
****

Peak Number 5 Benzene, propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.292	47.60 ng	2796850	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3	1-(Benzylamino)propan-2-ol	165	C10H15NO	1000486-84-7	72
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
5	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
Data File : BF136089.D
Acq On : 01 Nov 2023 21:37
Operator : CG\JU
Sample : 05005-04 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N-3(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

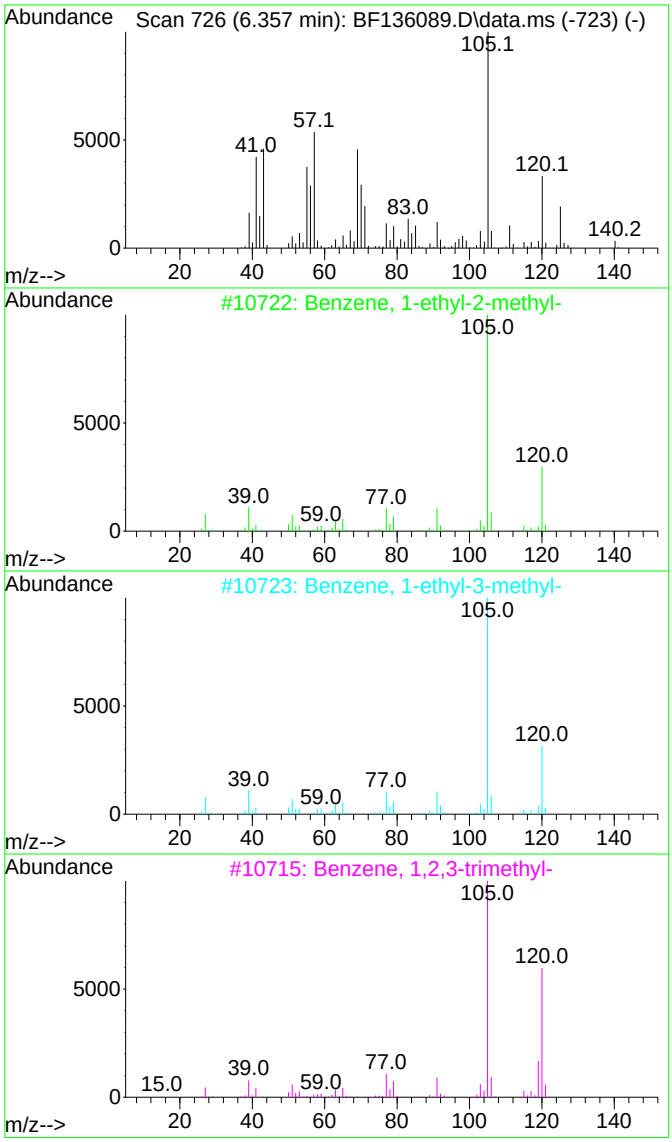
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

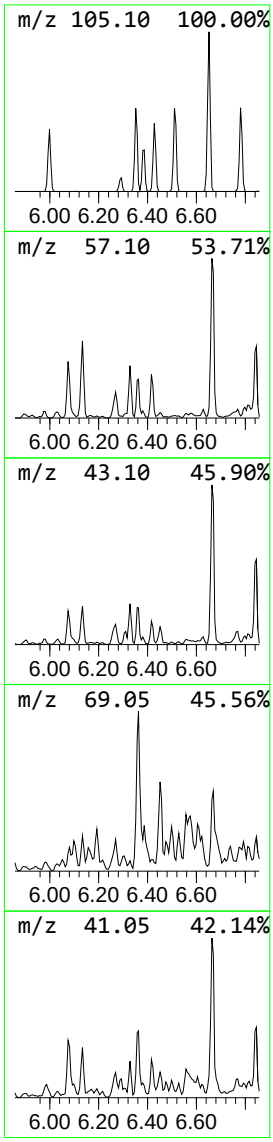
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.357	31.99 ng	1879590	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	35
4	Mesitylene	120	C9H12	000108-67-8	35
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	35





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Acq On : 01 Nov 2023 21:37
Operator : CG\JU
Sample : 05005-04 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

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

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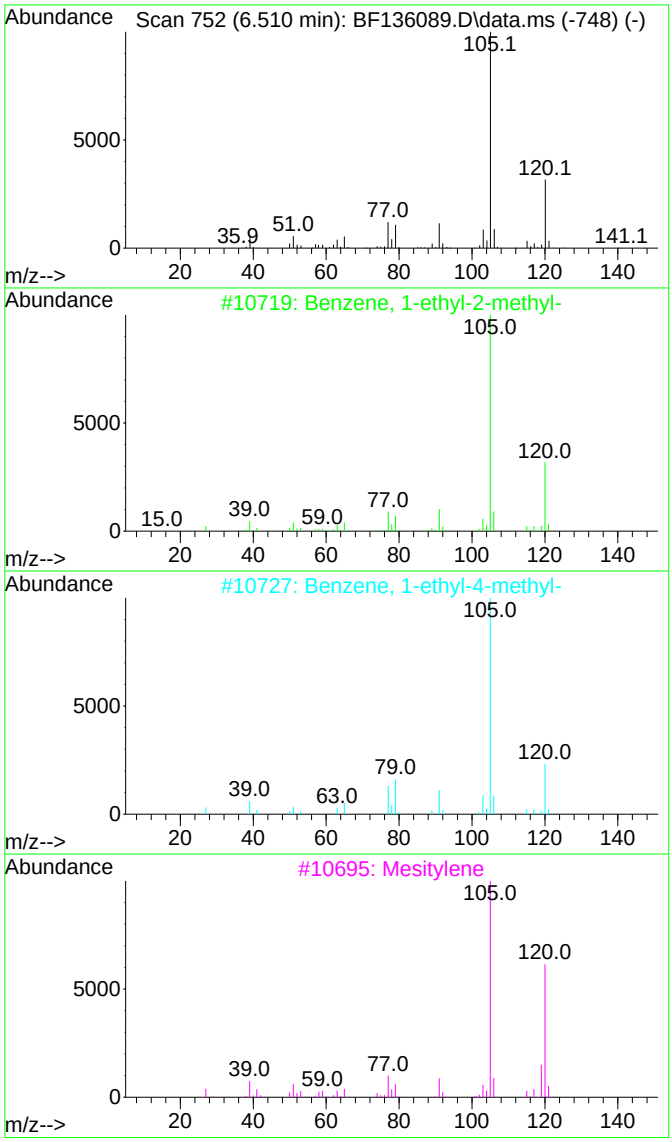
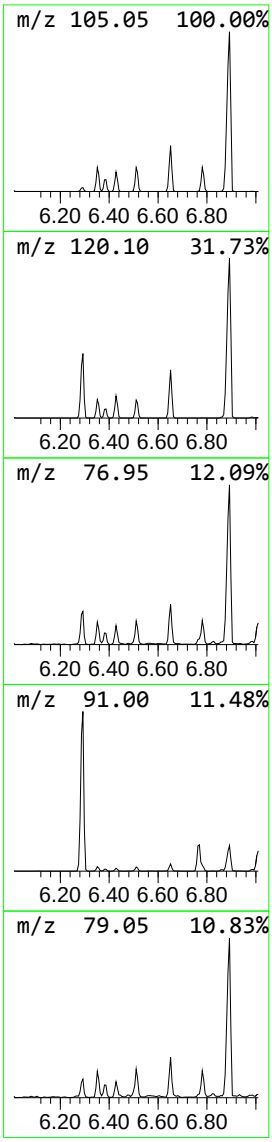
Peak Number 7 Benzene, 1-ethyl-4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.510	20.13 ng	1182660	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Misc :
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ClientSampleId :
N-3(0-5)

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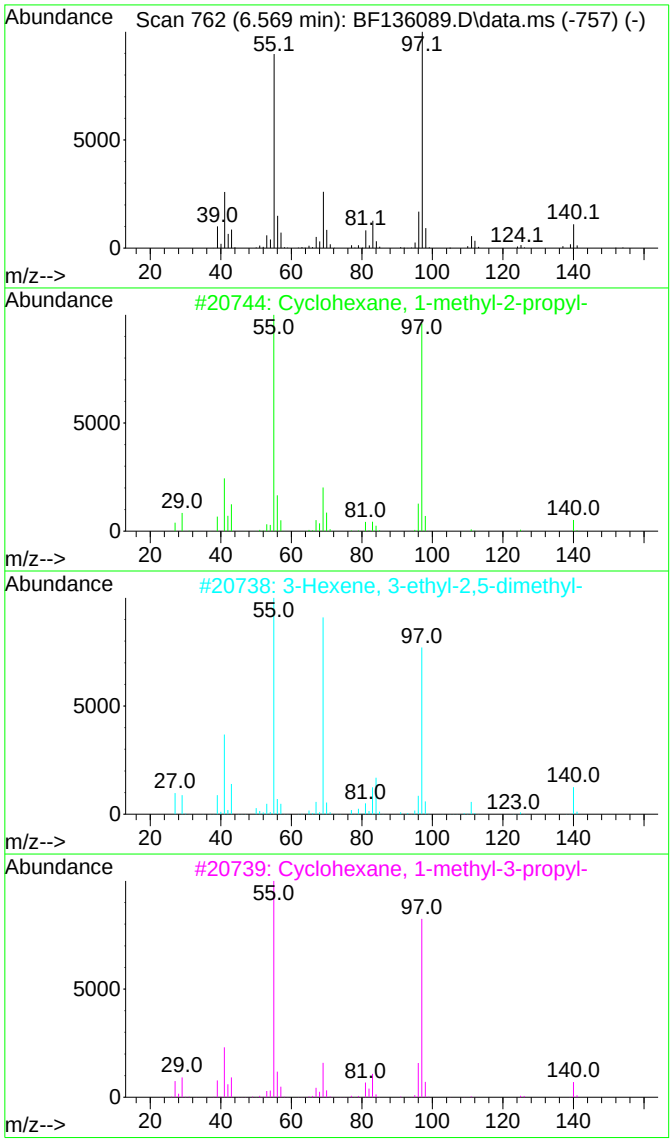
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

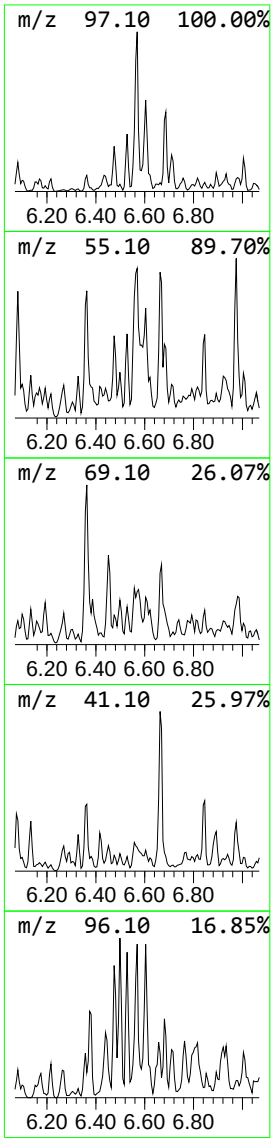
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclohexane, 1-methyl-2-pro... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.569	18.85 ng	1107790	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	93
2	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	90
3	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	90
4	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	87
5	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	80





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Misc :
ALS Vial : 23 Sample Multiplier: 1

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

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

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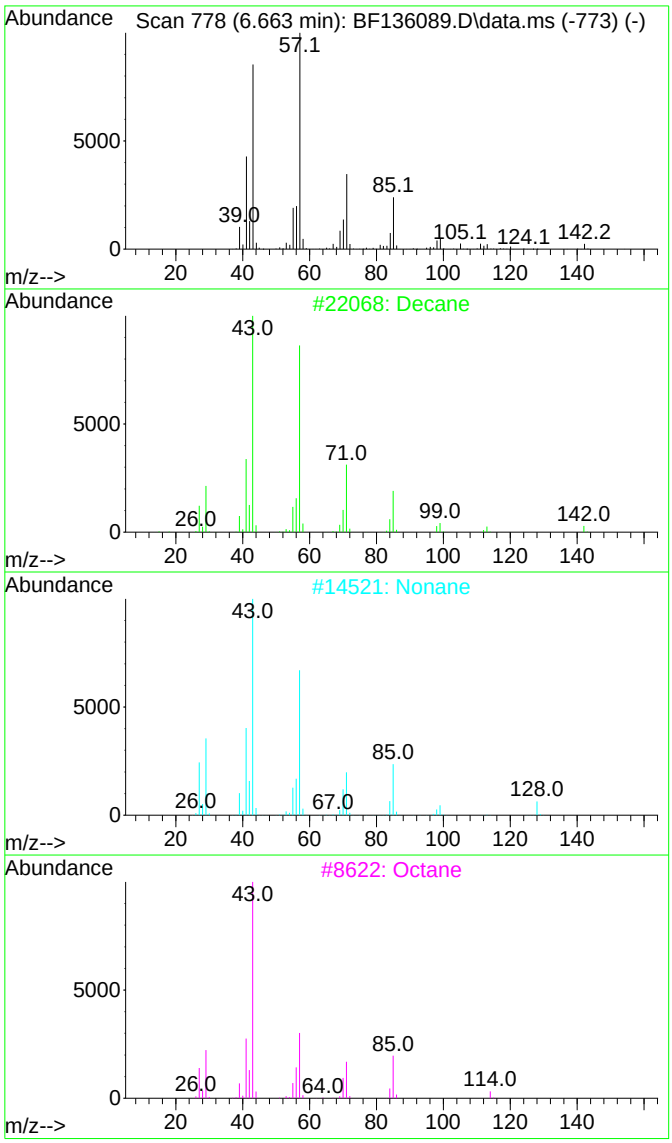
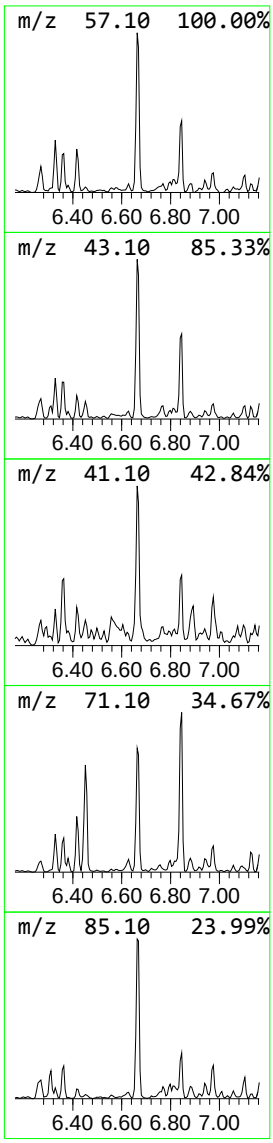
Peak Number 9 Decane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.663	64.54 ng	3792200	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	95
2	Nonane	128	C9H20	000111-84-2	90
3	Octane	114	C8H18	000111-65-9	80
4	Undecane	156	C11H24	001120-21-4	78
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	78





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Sample : 05005-04 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
N-3(0-5)

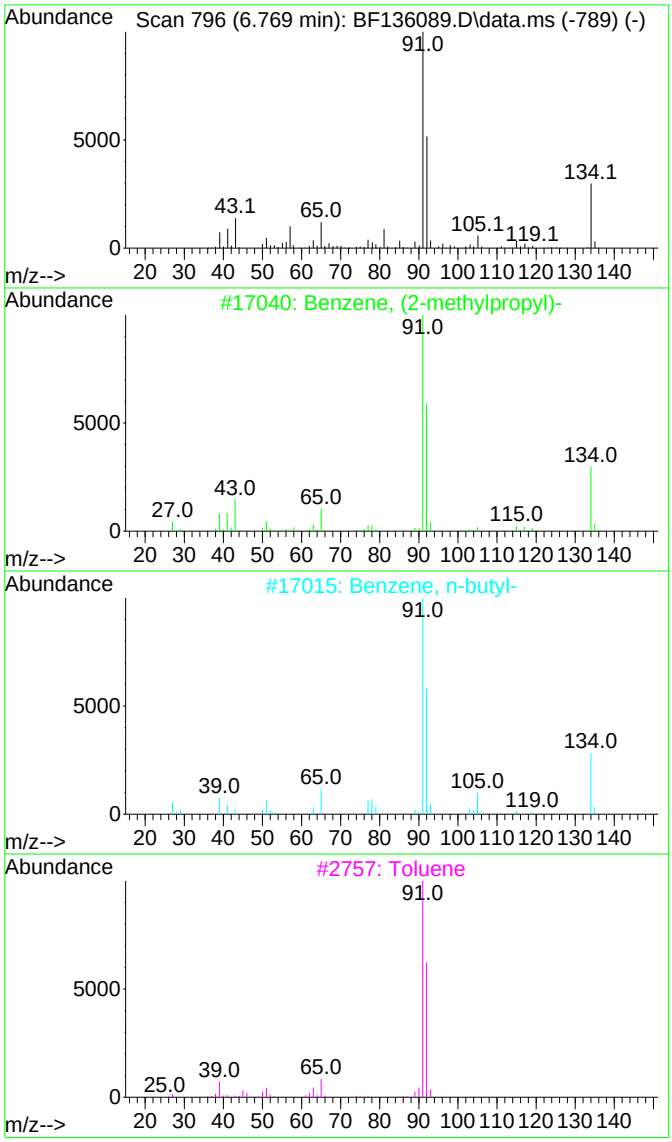
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

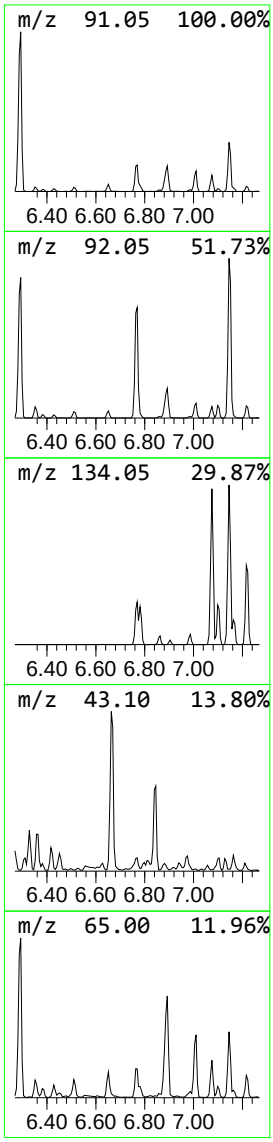
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, (2-methylpropyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.769	16.01 ng	940924	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
2	Benzene, n-butyl-	134	C10H14	000104-51-8	64
3	Toluene	92	C7H8	000108-88-3	49
4	Benzene, 1,1'-[oxybis(methylene)...	198	C14H14O	000103-50-4	38
5	Benzene, (propoxymethyl)-	150	C10H14O	000937-61-1	38





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Acq On : 01 Nov 2023 21:37
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Sample : 05005-04 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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BNA_F
ClientSampleId :
N-3(0-5)

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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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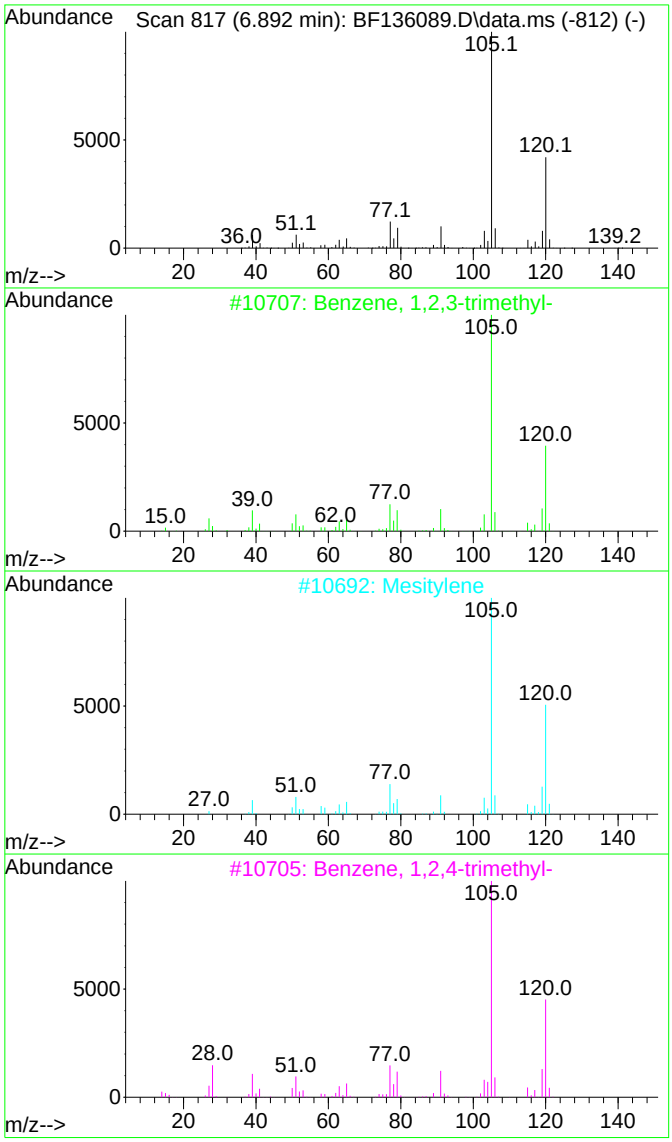
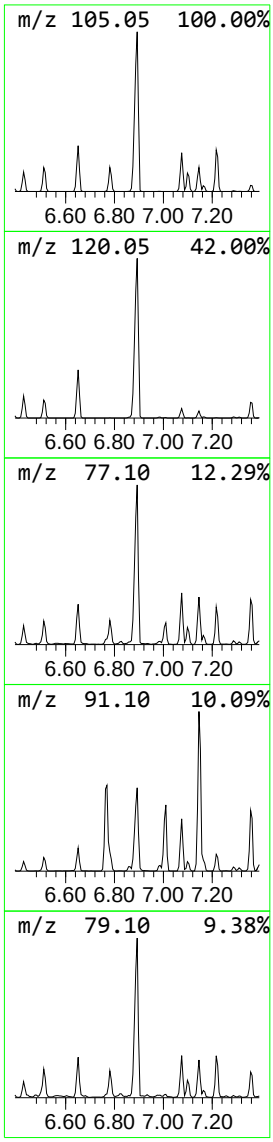
Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.892	120.40 ng	7073940	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Mesitylene	120	C9H12	000108-67-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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ALS Vial : 23 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

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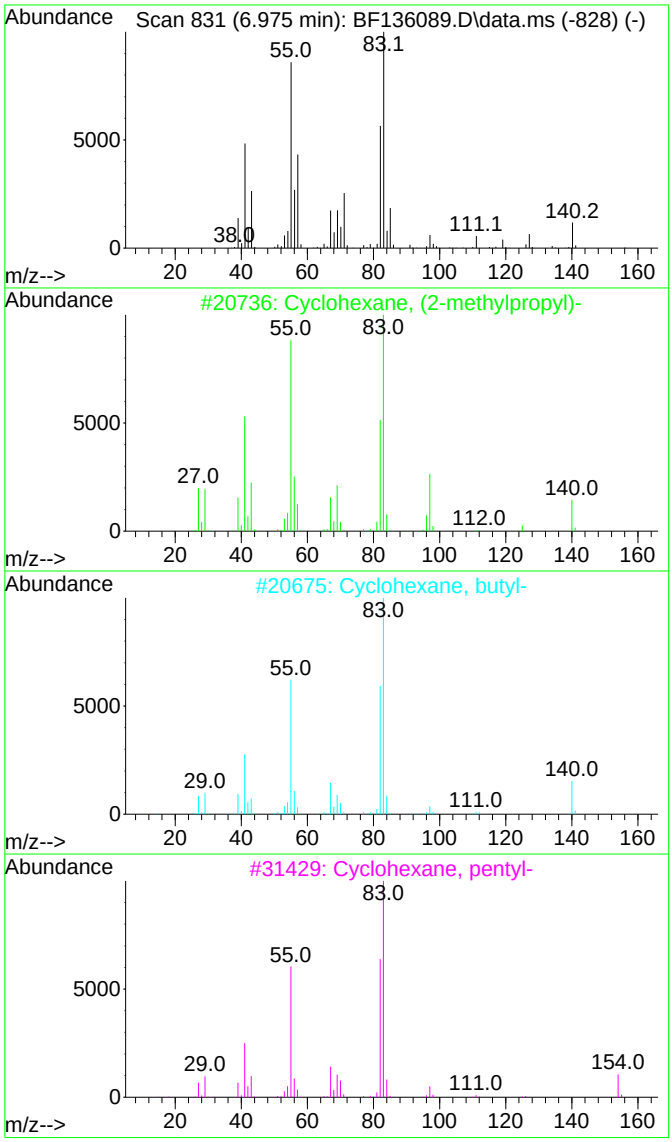
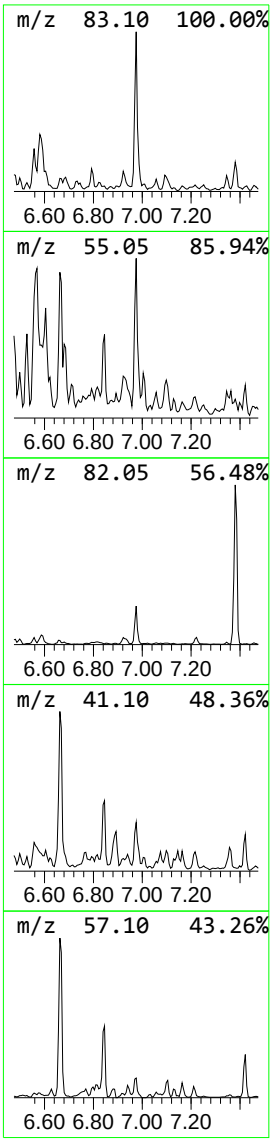
Peak Number 12 Cyclohexane, (2-methylpropyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.975	17.88 ng	1050260	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	81
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	76
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	53
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	53





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Sample : 05005-04 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N-3(0-5)

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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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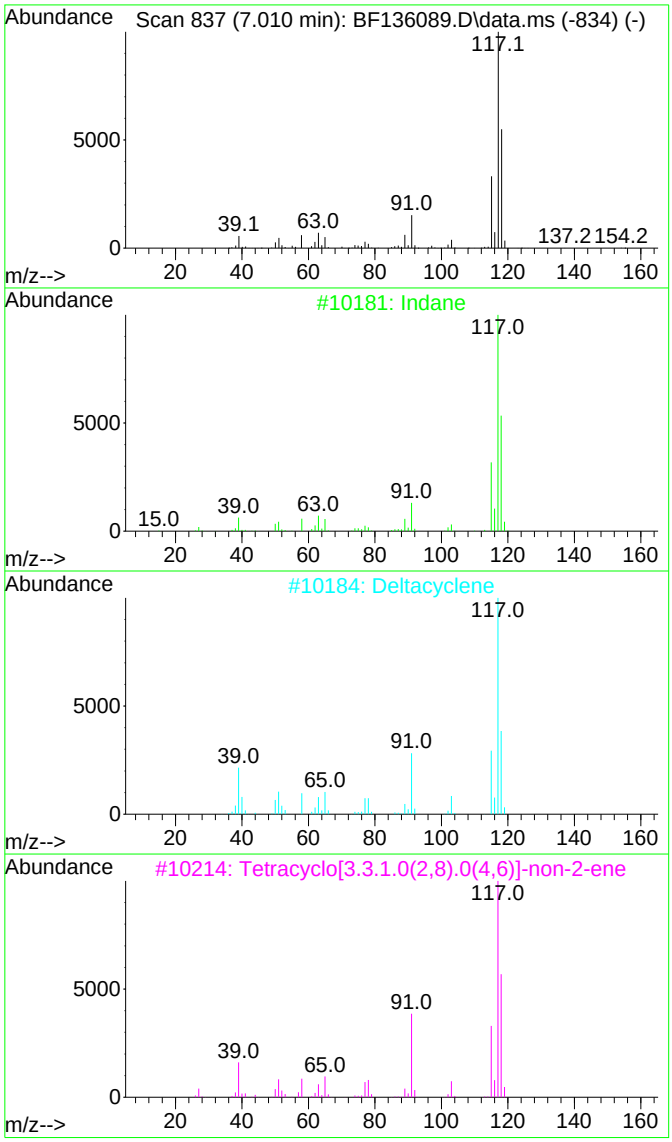
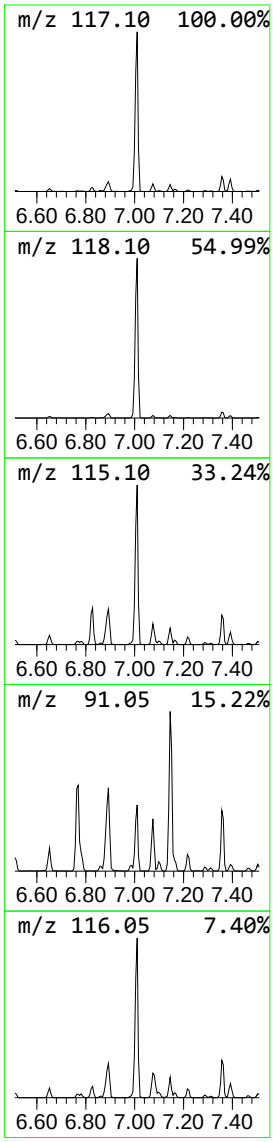
Peak Number 13 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.010	53.67 ng	3153190	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Deltacyclene	118	C9H10	007785-10-6	72
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	53





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Misc :
ALS Vial : 23 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

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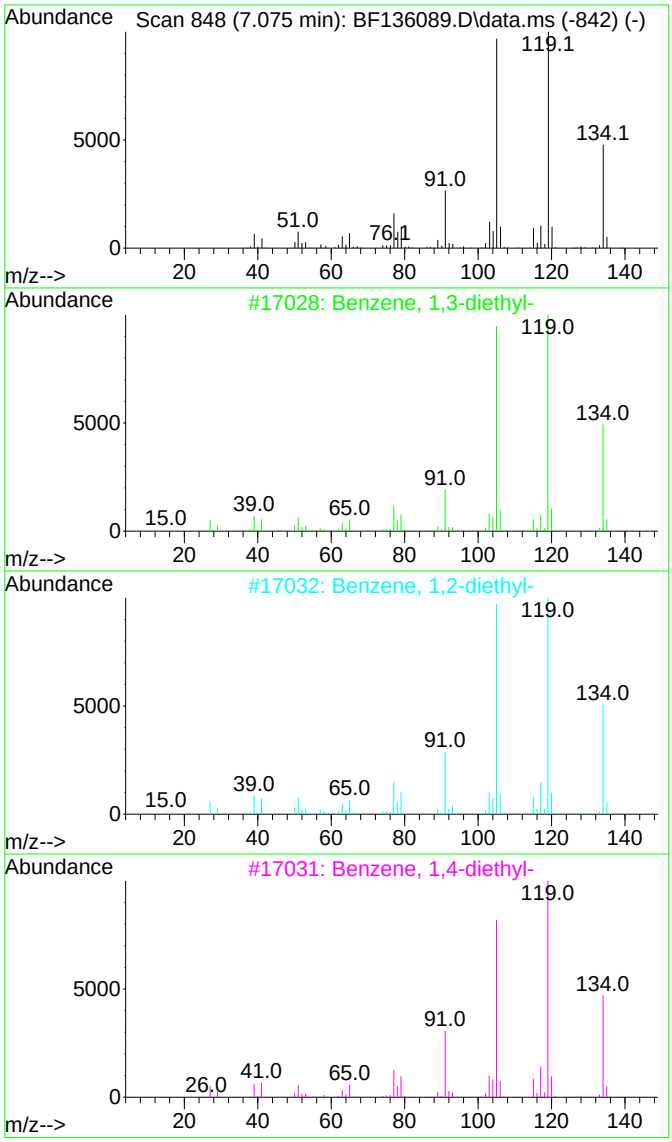
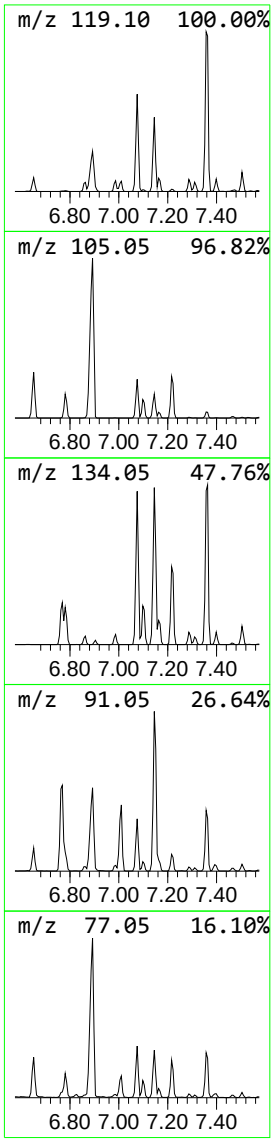
Peak Number 14 Benzene, 1,3-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.075	37.49 ng	2202810	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87





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Sample : 05005-04 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

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

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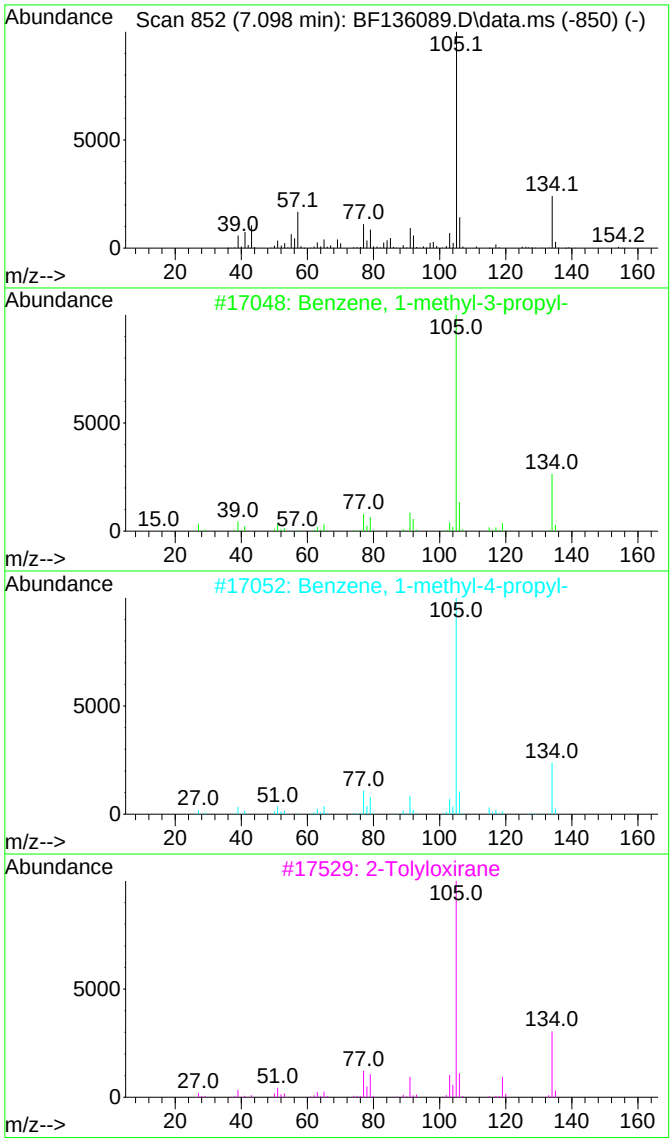
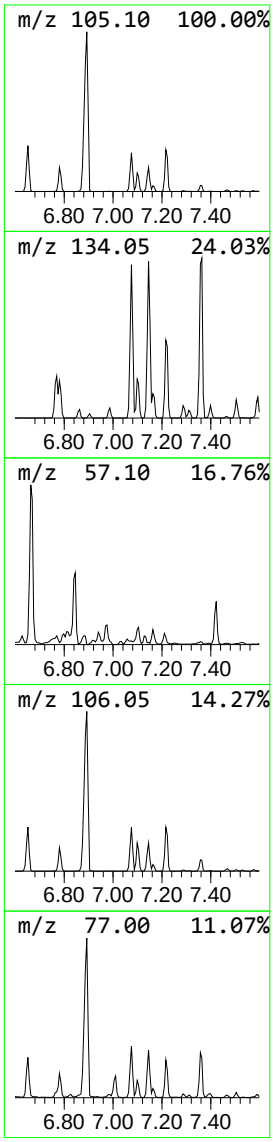
Peak Number 15 Benzene, 1-methyl-3-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.098	14.47 ng	849893	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	81
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	76
3	2-Tolyloxirane	134	C9H10O	002783-26-8	76
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	68
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	68





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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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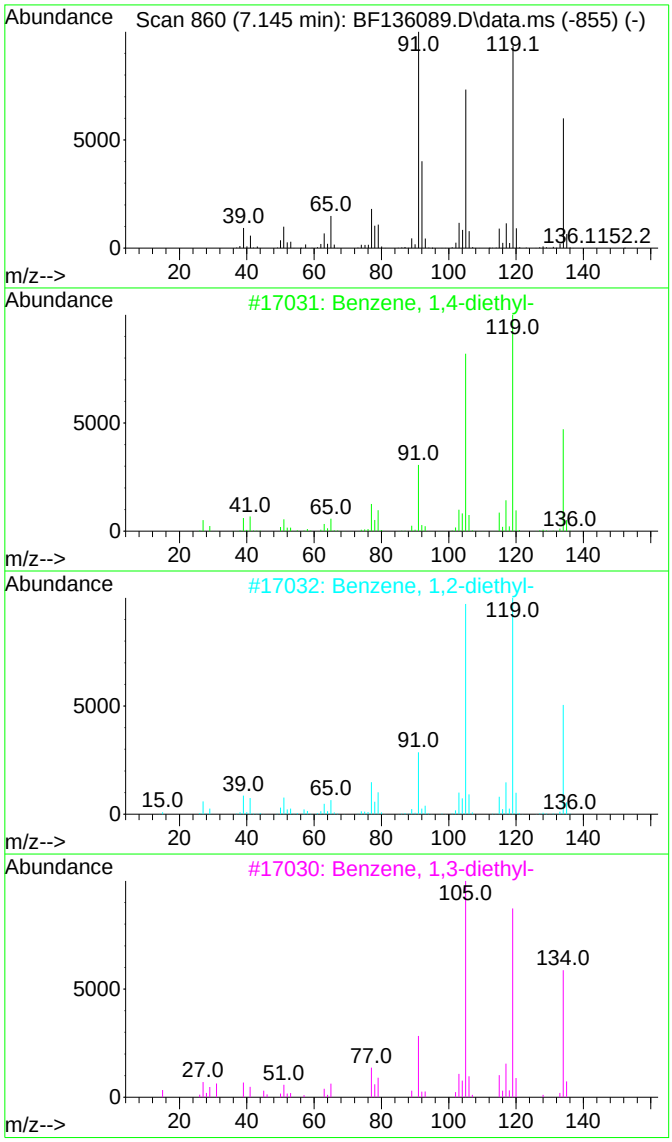
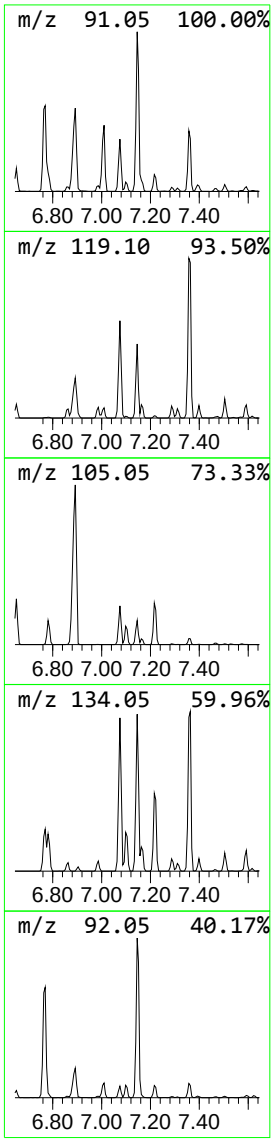
Peak Number 16 Benzene, 1,4-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.145	39.92 ng	2345250	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81





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Acq On : 01 Nov 2023 21:37
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Sample : 05005-04 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
N-3(0-5)

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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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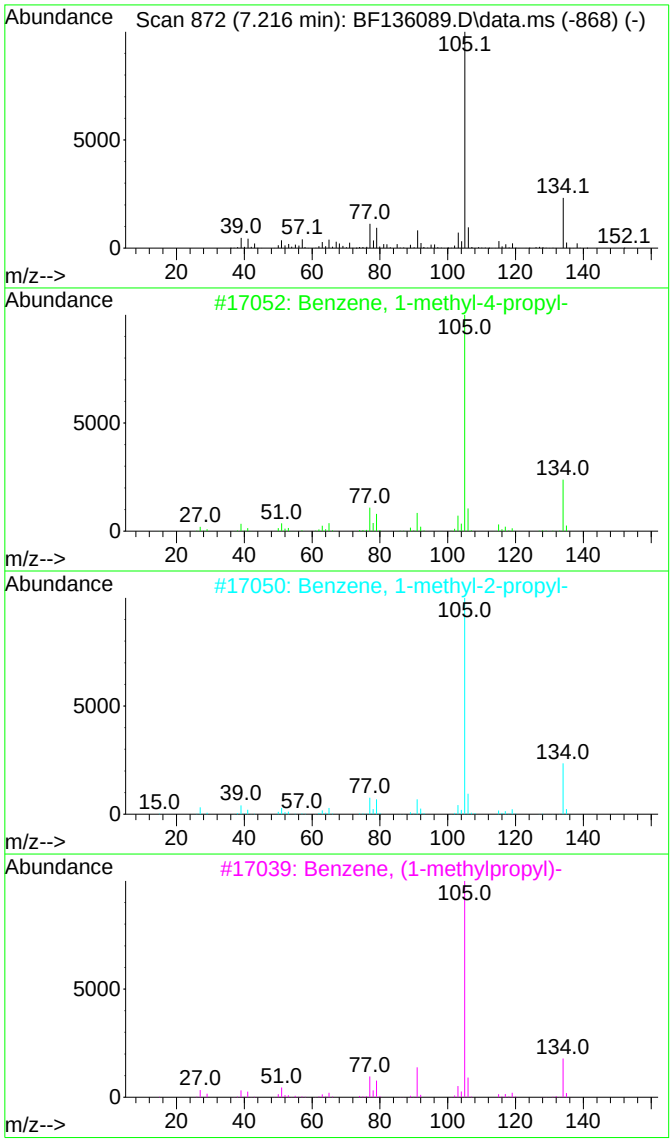
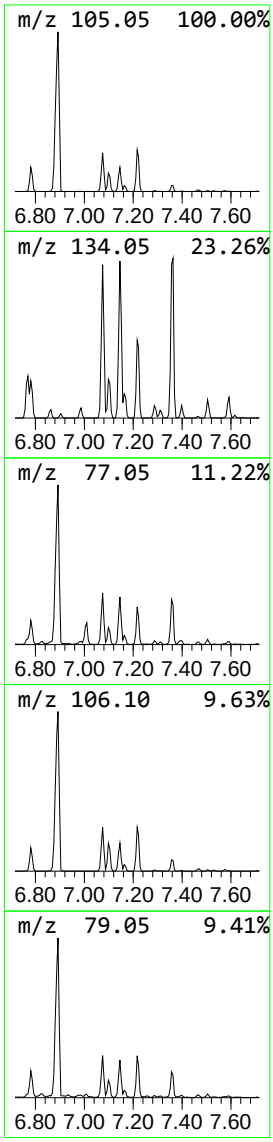
Peak Number 17 Benzene, 1-methyl-4-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.216	23.94 ng	1406330	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	2-Tolyloxirane	134	C9H10O	002783-26-8	90
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	83





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Data File : BF136089.D
Acq On : 01 Nov 2023 21:37
Operator : CG\JU
Sample : 05005-04 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N-3(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

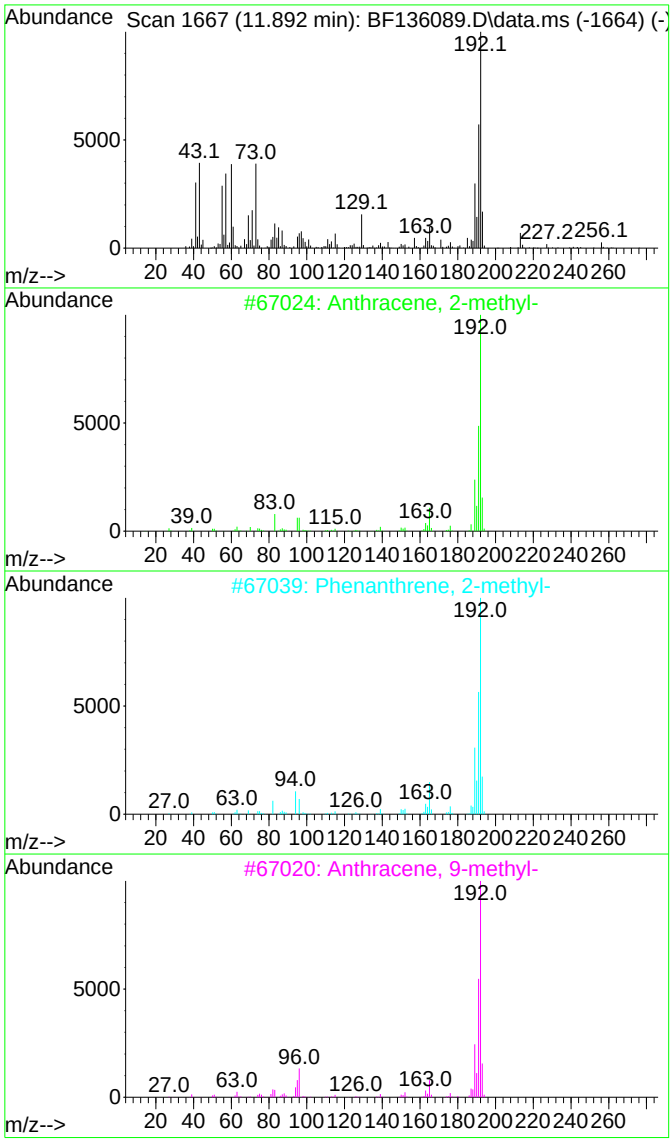
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

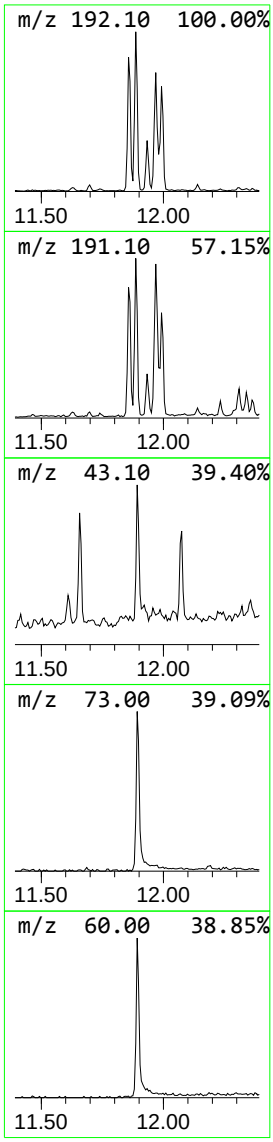
****

Peak Number 18 Anthracene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	11.97 ng	488843	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
Data File : BF136089.D
Acq On : 01 Nov 2023 21:37
Operator : CG\JU
Sample : 05005-04 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N-3(0-5)

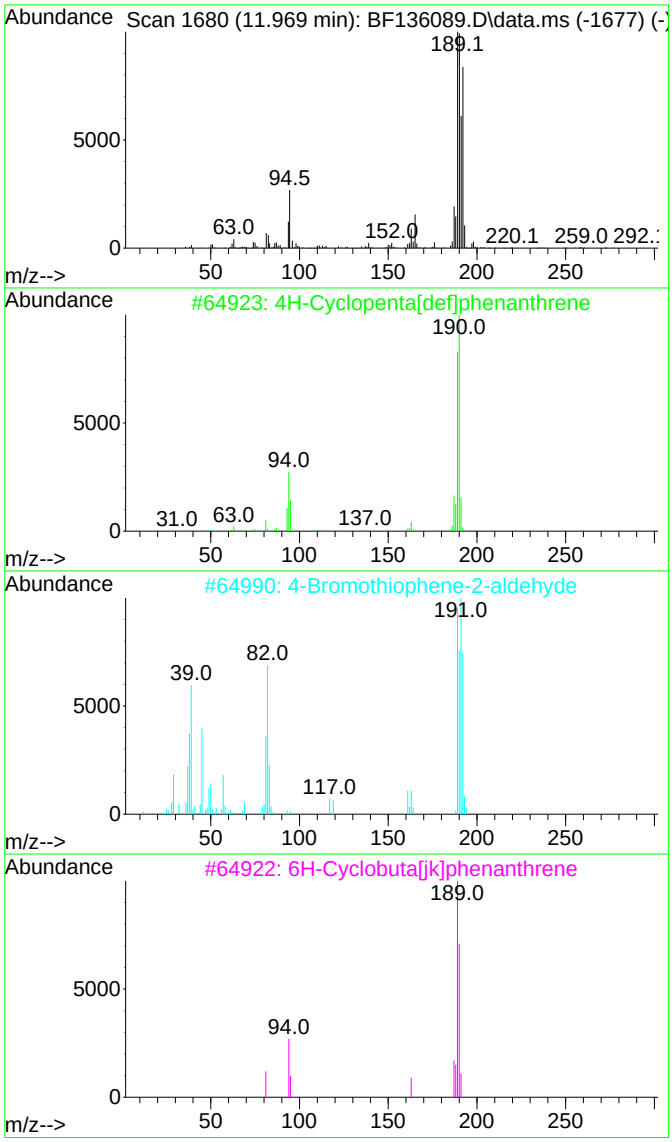
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

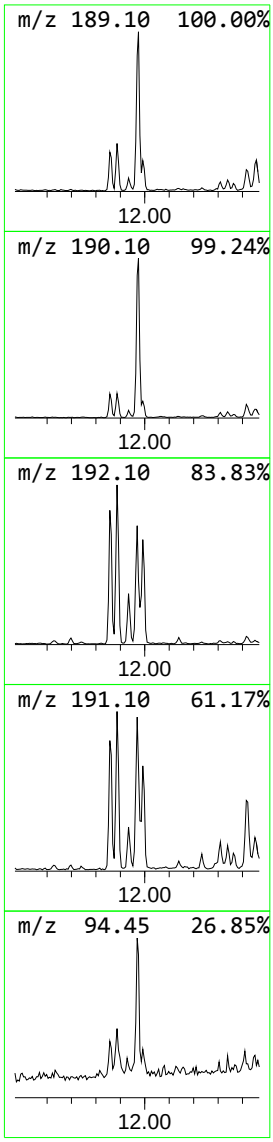
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	13.64 ng	556909	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
Data File : BF136089.D
Acq On : 01 Nov 2023 21:37
Operator : CG\JU
Sample : 05005-04 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N-3(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

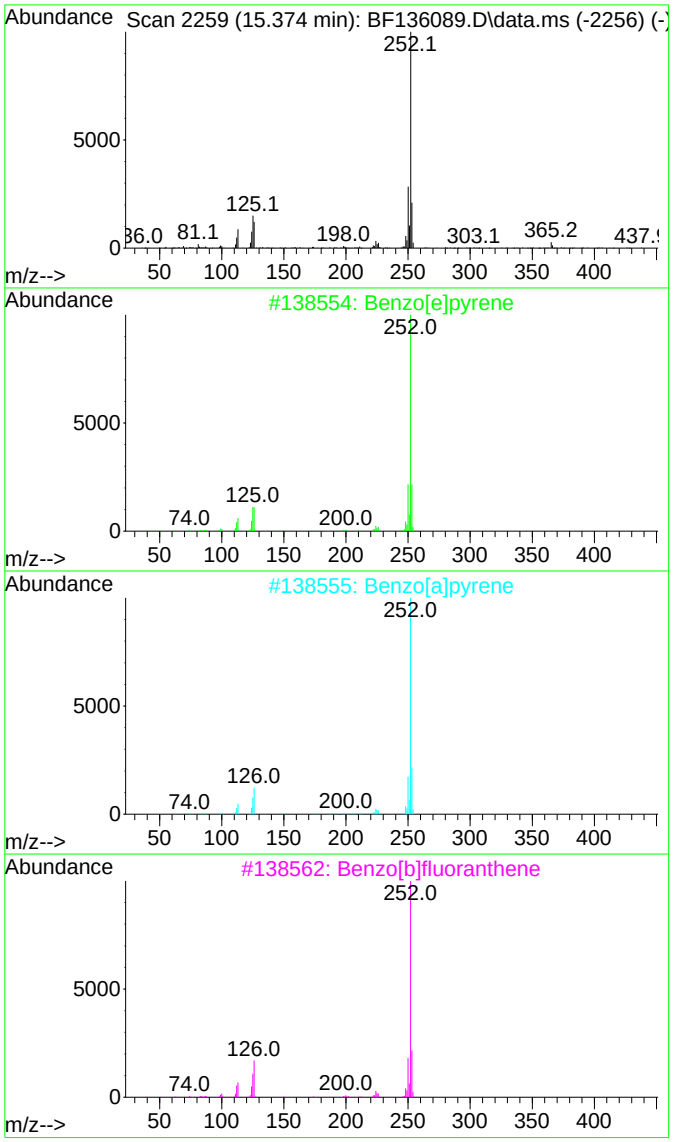
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

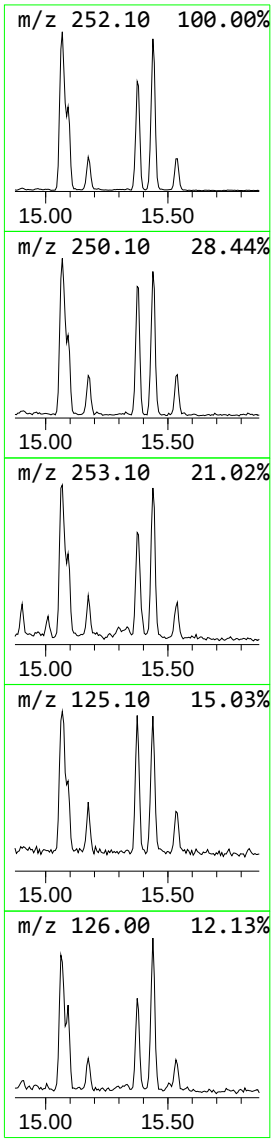
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.374	12.31 ng	326986	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
5	Perylene	252	C20H12	000198-55-0	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
Data File : BF136089.D
Acq On : 01 Nov 2023 21:37
Operator : CG\JU
Sample : 05005-04 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N-3(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.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
3-Hexen-2-one	4.428	13.7	ng	805062	1	6.828	1175090	20.0
2-Pentanone, 4-...	5.051	23.1	ng	1354640	1	6.828	1175090	20.0
Octane, 2,6-dim...	6.075	15.5	ng	910052	1	6.828	1175090	20.0
Benzene, propyl-	6.292	47.6	ng	2796850	1	6.828	1175090	20.0
Benzene, 1-ethy...	6.357	32.0	ng	1879590	1	6.828	1175090	20.0
Benzene, 1-ethy...	6.510	20.1	ng	1182660	1	6.828	1175090	20.0
Cyclohexane, 1-...	6.569	18.9	ng	1107790	1	6.828	1175090	20.0
Decane	6.663	64.5	ng	3792200	1	6.828	1175090	20.0
Benzene, (2-met...	6.769	16.0	ng	940924	1	6.828	1175090	20.0
Benzene, 1,2,3-...	6.892	120.4	ng	7073940	1	6.828	1175090	20.0
Cyclohexane, (2...	6.975	17.9	ng	1050260	1	6.828	1175090	20.0
Indane	7.010	53.7	ng	3153190	1	6.828	1175090	20.0
Benzene, 1,3-di...	7.075	37.5	ng	2202810	1	6.828	1175090	20.0
Benzene, 1-meth...	7.098	14.5	ng	849893	1	6.828	1175090	20.0
Benzene, 1,4-di...	7.145	39.9	ng	2345250	1	6.828	1175090	20.0
Benzene, 1-meth...	7.216	23.9	ng	1406330	1	6.828	1175090	20.0
Anthracene, 2-m...	11.892	12.0	ng	488843	4	11.357	816682	20.0
4H-Cyclopenta[d...	11.969	13.6	ng	556909	4	11.357	816682	20.0
Benzo[e]pyrene	15.374	12.3	ng	326986	6	15.504	531146	20.0