LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125565.D
Acq On : 22 Sep 2021 18:28
Operator : JU/CG
Sample : M3733-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-01-(5-7)

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-BF092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125565.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.193	8	18	24	rVB	1433556	1960558	20.85%	1.157%
2	4.563	414	421	428	rBV2	93510	132286	1.41%	0.078%
3	4.981	488	492	497	rVB	89080	96797	1.03%	0.057%
4	5.057	497	505	507	rBV	156747	205988	2.19%	0.122%
5	5.075	507	508	512	rVV2	95137	107670	1.15%	0.064%
6	5.122	512	516	522	rVB2	214860	320738	3.41%	0.189%
7	5.328	546	551	554	rBV	339357	349287	3.71%	0.206%
8	5.363	554	557	560	rVV3	79018	112381	1.20%	0.066%
9	5.410	560	565	567	rVV	525835	496016	5.28%	0.293%
10	5.434	567	569	574	rVV	301471	246276	2.62%	0.145%
11	5.510	574	582	586	rVV	4716702	5114283	54.39%	3.018%
12	5.581	588	594	596	rVV	127880	131358	1.40%	0.078%
13	5.645	601	605	608	rVV	156669	155608	1.65%	0.092%
14	5.681	608	611	616	rVV3	225482	344543	3.66%	0.203%
15	5.728	616	619	622	rVV	621666	535233	5.69%	0.316%
16	5.769	622	626	631	rVV3	432733	606084	6.45%	0.358%
17	5.822	631	635	642	rVB	1902406	1824098	19.40%	1.077%
18	5.922	647	652	653	rBV2	646409	750161	7.98%	0.443%
19	5.981	657	662	669	rBV2	1231673	2244935	23.87%	1.325%
20	6.040	669	672	673	rVV	490756	450974	4.80%	0.266%
21	6.057	673	675	680	rVV3	2050079	2349277	24.98%	1.386%
22	6.110	680	684	687	rVV	1469238	1482509	15.77%	0.875%
23	6.157	687	692	698	rVV2	4117215	5847171	62.18%	3.451%
24	6.216	698	702	704	rVV2	1940538	2299911	24.46%	1.357%
25	6.240	704	706	710	rVV3	738113	1087769	11.57%	0.642%
26	6.275	710	712	714	rVV	685862	587846	6.25%	0.347%
27	6.298	714	716	719	rVB2	424333	365774	3.89%	0.216%
28	6.345	719	724	728	rBV3	2839589	3821601	40.64%	2.255%
29	6.387	728	731	732	rVV	1744891	1552071	16.51%	0.916%
30	6.410	732	735	737	rVV	4644268	4112572	43.74%	2.427%
31	6.440	737	740	742	rVV3	3388723	3686709	39.21%	2.176%
32	6.457	742	743	747	rVV2	1860632	1834930	19.51%	1.083%
33	6.504	747	751	758	rVV3	4488901	8609490	91.56%	5.081%
34	6.557	758	760	762	rVV	914618	820854	8.73%	0.484%
35	6.587	762	765	767	rVV3	1704445	1984143	21.10%	1.171%
36	6.610	767	769	771	rVV	675818	683545	7.27%	0.403%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125565.D
Acq On : 22 Sep 2021 18:28
Operator : JU/CG
Sample : M3733-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-01-(5-7)

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-BF092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	6.645	771	775	780	rVV5	2069709	3958092	42.09%	2.336%
38	6.687	780	782	784	rVV	1539832	1658754	17.64%	0.979%
39	6.745	786	792	794	rVV2	6606887	9402979	100.00%	5.549%
40	6.798	798	801	802	rVV2	706454	816845	8.69%	0.482%
41	6.845	802	809	811	rVV4	1836967	3686964	39.21%	2.176%
42	6.875	811	814	815	rVV2	1750244	2186949	23.26%	1.291%
43	6.892	815	817	819	rVV3	2848759	3416142	36.33%	2.016%
44	6.916	819	821	825	rVV2	3967101	4562372	48.52%	2.693%
45	6.963	825	829	833	rVV3	2701962	4083400	43.43%	2.410%
46	6.998	833	835	836	rVV2	1046742	969652	10.31%	0.572%
47	7.022	836	839	841	rVV	2303531	2756937	29.32%	1.627%
48	7.051	841	844	848	rVV	4141712	4836254	51.43%	2.854%
49	7.087	848	850	852	rVV2	853801	875034	9.31%	0.516%
50	7.104	852	853	855	rVV	774216	657197	6.99%	0.388%
51	7.134	855	858	860	rVV	1599826	1928686	20.51%	1.138%
52	7.175	862	865	868	rVV3	3738622	4217449	44.85%	2.489%
53	7.216	868	872	874	rVV2	2897273	4071792	43.30%	2.403%
54	7.239	874	876	881	rVV3	1523481	2206713	23.47%	1.302%
55	7.292	881	885	889	rVV3	2205843	3240953	34.47%	1.913%
56	7.328	889	891	894	rVV2	692491	1022688	10.88%	0.604%
57	7.363	894	897	899	rVV2	974961	1170787	12.45%	0.691%
58	7.387	899	901	903	rVV	1296248	1221138	12.99%	0.721%
59	7.434	903	909	910	rVV2	2197877	2927838	31.14%	1.728%
60	7.457	910	913	915	rVV	3144495	3461785	36.82%	2.043%
61	7.481	915	917	918	rVV2	1112592	1113991	11.85%	0.657%
62	7.498	918	920	924	rVV	1767223	1870124	19.89%	1.104%
63	7.545	924	928	931	rVV5	1660614	2418819	25.72%	1.428%
64	7.581	931	934	936	rVV3	781574	1132498	12.04%	0.668%
65	7.610	936	939	942	rVV3	1216850	1648540	17.53%	0.973%
66	7.651	942	946	947	rVV2	801289	1017011	10.82%	0.600%
67	7.692	950	953	958	rVV4	1060289	1805813	19.20%	1.066%
68	7.734	958	960	964	rVV	388630	461365	4.91%	0.272%
69	7.781	964	968	970	rVV2	747916	887117	9.43%	0.524%
70	7.798	970	971	973	rVV	818950	620181	6.60%	0.366%
71	7.828	973	976	979	rVV3	737419	1023062	10.88%	0.604%
72	7.863	979	982	985	rVV2	530882	677029	7.20%	0.400%
73	7.898	985	988	990	rVV	501074	554439	5.90%	0.327%
74	7.916	990	991	994	rVV2	390857	411005	4.37%	0.243%
75	7.945	994	996	998	rVV2	396839	355782	3.78%	0.210%
76	7.975	998	1001	1003	rVV	315235	403562	4.29%	0.238%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125565.D
Acq On : 22 Sep 2021 18:28
Operator : JU/CG
Sample : M3733-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-01-(5-7)

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-BF092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	7.998	1003	1005	1007	rVV	319215	320090	3.40%	0.189%
78	8.016	1007	1008	1011	rVV	208913	169367	1.80%	0.100%
79	8.045	1011	1013	1015	rVV	169614	148997	1.58%	0.088%
80	8.075	1015	1018	1021	rVV	896024	729790	7.76%	0.431%
81	8.128	1021	1027	1030	rVV4	186722	316206	3.36%	0.187%
82	8.175	1030	1035	1038	rVV	1808877	1892624	20.13%	1.117%
83	8.198	1038	1039	1042	rVV	306143	205017	2.18%	0.121%
84	8.239	1042	1046	1048	rVB3	184031	199830	2.13%	0.118%
85	8.475	1083	1086	1092	rVB5	76742	106282	1.13%	0.063%
86	9.251	1213	1218	1221	rBV	5881706	5462971	58.10%	3.224%
87	9.933	1330	1334	1337	rBV	2040149	1783124	18.96%	1.052%
88	10.716	1463	1467	1471	rBV	3414535	3347947	35.61%	1.976%
89	10.851	1486	1490	1497	rVB2	98631	113477	1.21%	0.067%
90	11.416	1582	1586	1589	rBV	2240796	1836430	19.53%	1.084%
91	11.939	1671	1675	1680	rBV	445727	446585	4.75%	0.264%
92	12.727	1806	1809	1817	rBV	221791	236684	2.52%	0.140%
93	13.004	1852	1856	1860	rBV	5611077	5443449	57.89%	3.213%
94	13.480	1928	1937	1945	rBV	614622	690294	7.34%	0.407%
95	13.898	2004	2008	2019	rBV4	259324	401320	4.27%	0.237%
96	14.051	2029	2034	2038	rBV	1498316	1474981	15.69%	0.871%
97	15.533	2281	2286	2291	rBV	887002	1065992	11.34%	0.629%

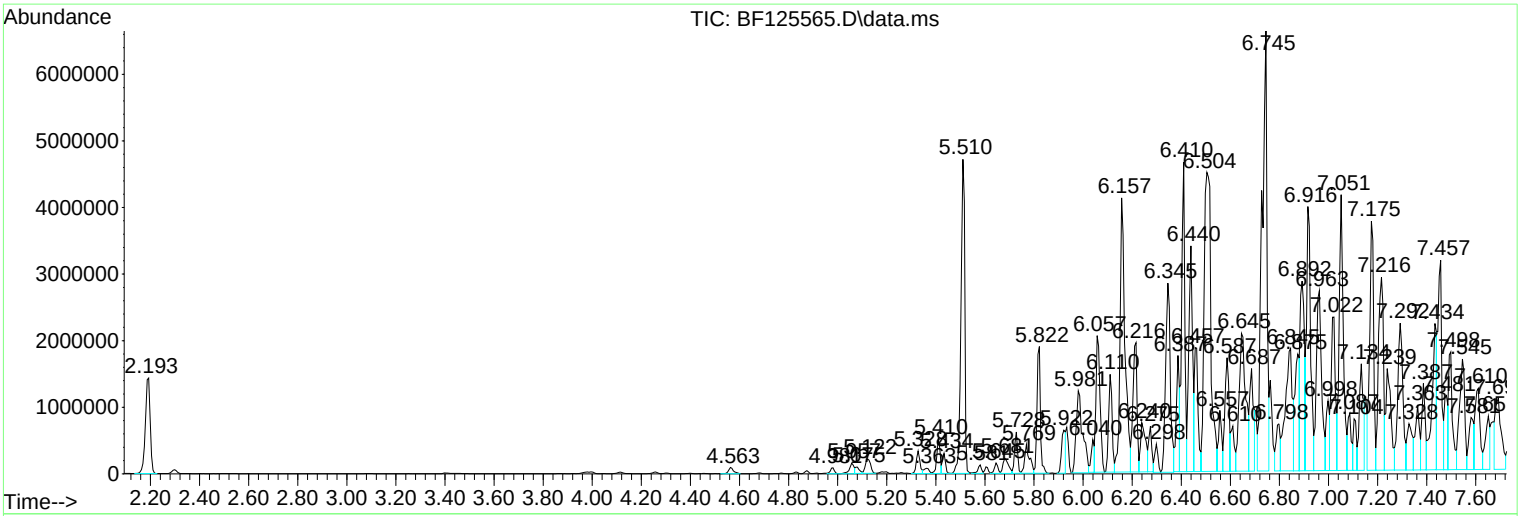
Sum of corrected areas: 169440641

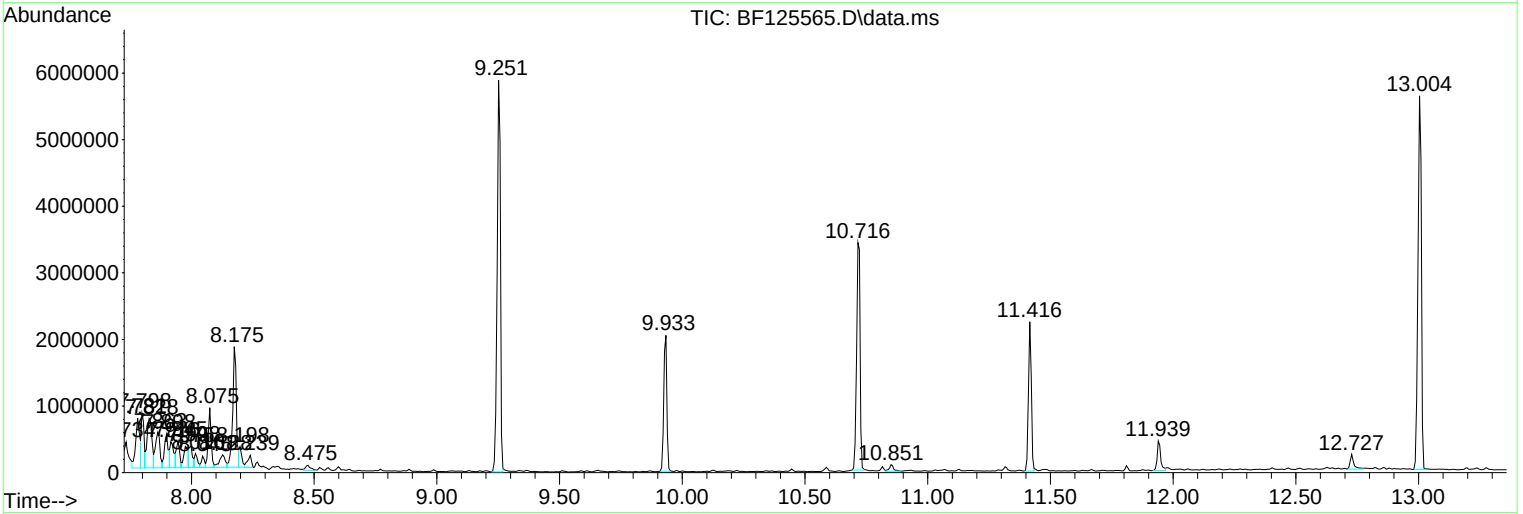
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125565.D
Acq On : 22 Sep 2021 18:28
Operator : JU/CG
Sample : M3733-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

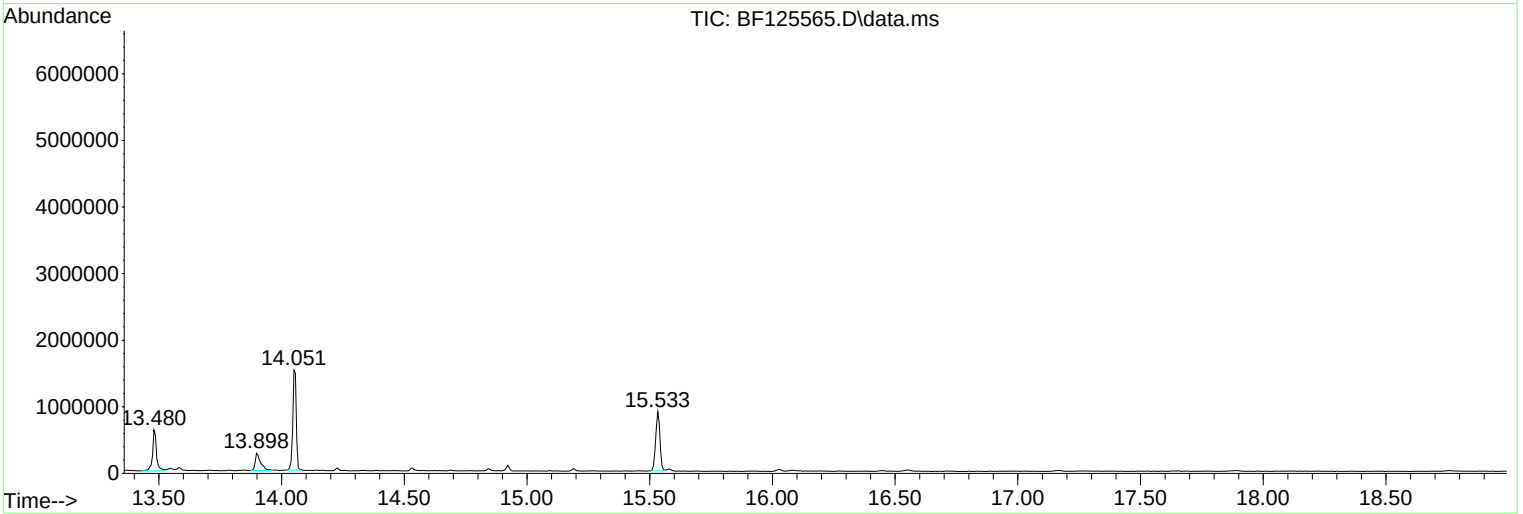
Instrument :
BNA_F
ClientSampleId :
SUP-UST-01-(5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.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\BF092221\
Data File : BF125565.D
Acq On : 22 Sep 2021 18:28
Operator : JU/CG
Sample : M3733-01
Misc :
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Instrument : BNA_F
ClientSampleId : SUP-UST-01-(5-7)

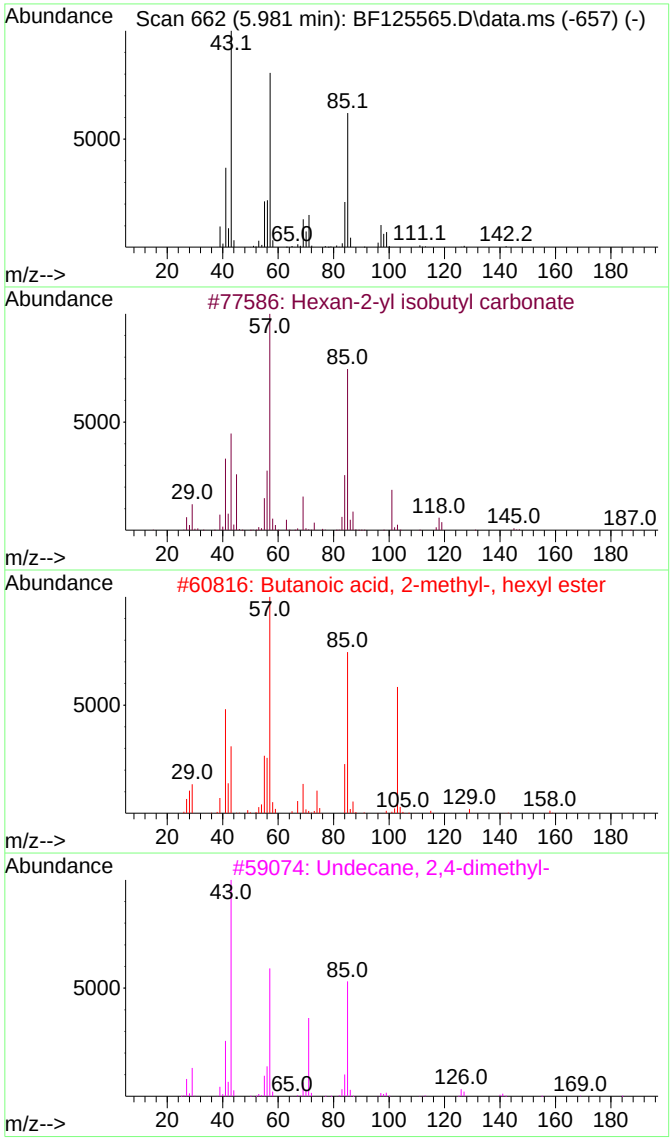
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

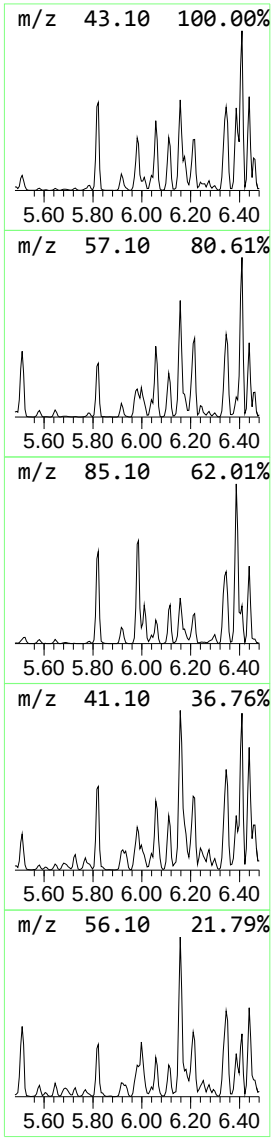
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexan-2-yl isobutyl carbonate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.981	13.14 ng	2244940	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexan-2-yl isobutyl carbonate	202	C11H22O3	1000372-75-5	64
2	Butanoic acid, 2-methyl-, hexyl ...	186	C11H22O2	010032-15-2	59
3	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5	Dodecane, 5-methyl-	184	C13H28	017453-93-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125565.D
Acq On : 22 Sep 2021 18:28
Operator : JU/CG
Sample : M3733-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-01-(5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

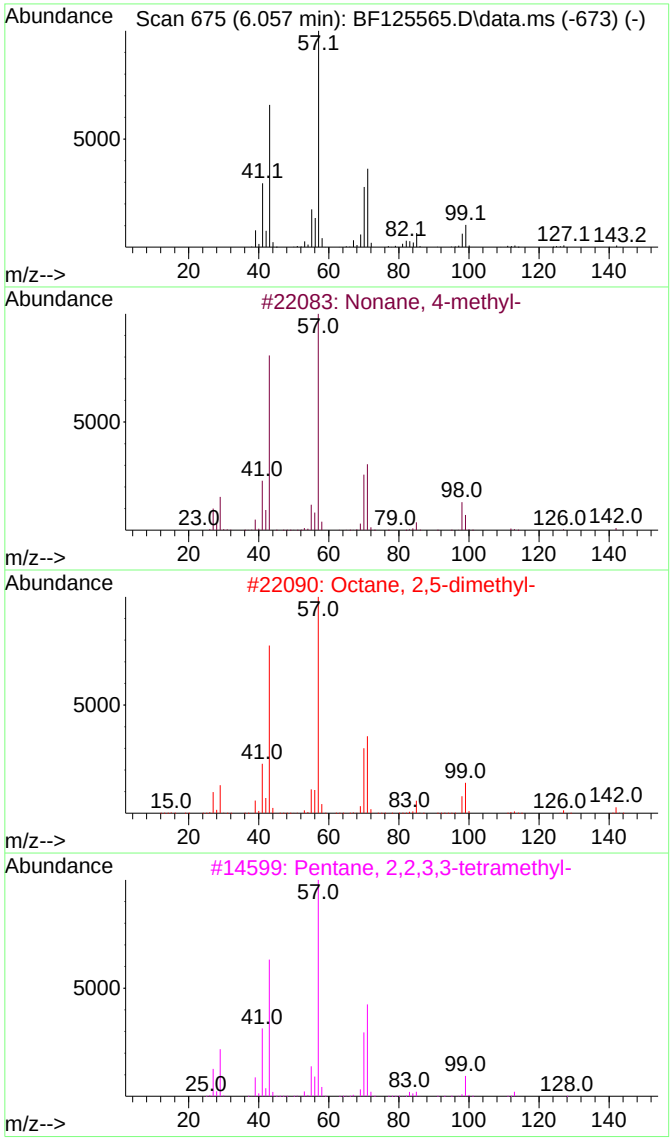
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

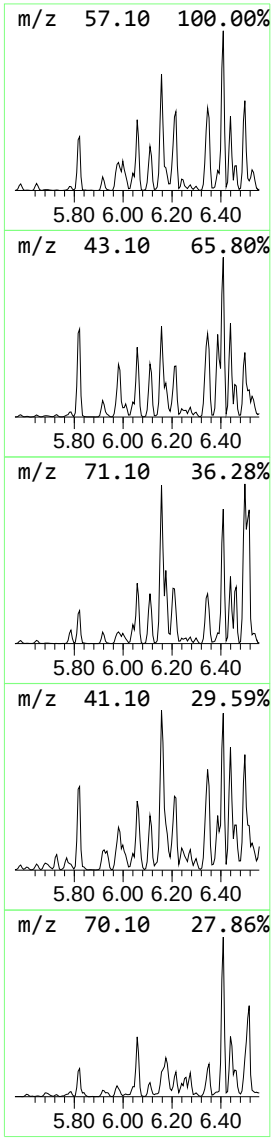
****

Peak Number 2 Nonane, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.057	13.75 ng	2349280	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	83
2	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	83
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	72
4	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	72
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125565.D
Acq On : 22 Sep 2021 18:28
Operator : JU/CG
Sample : M3733-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-01-(5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

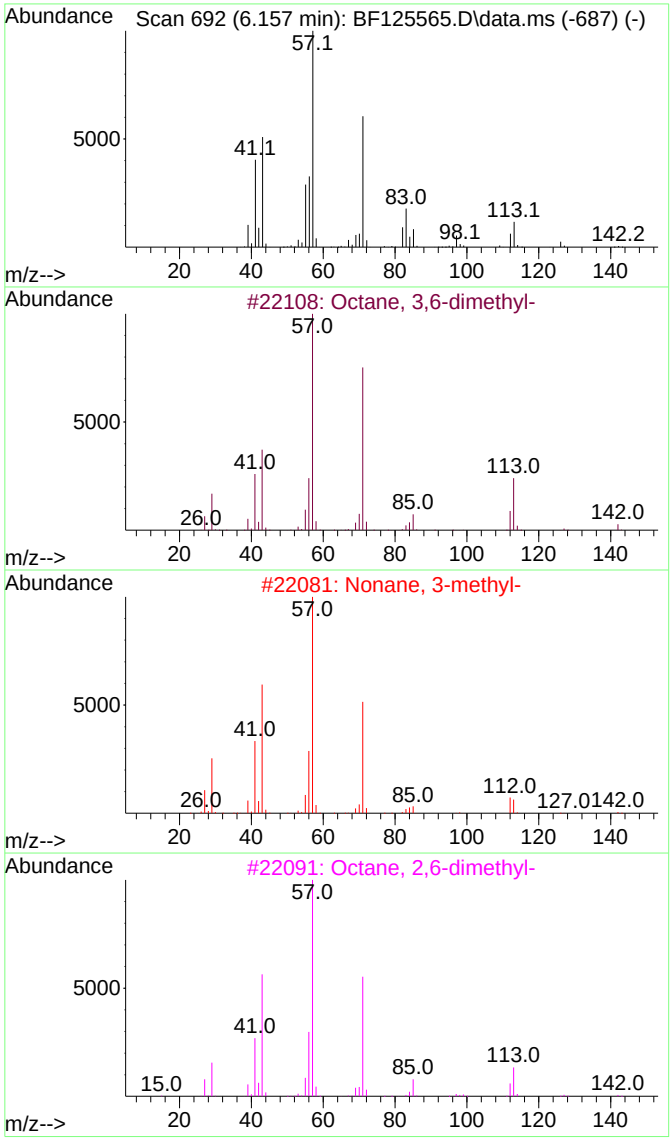
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

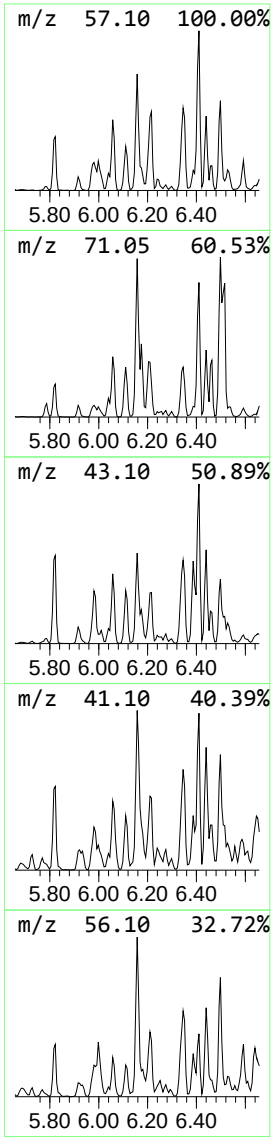
****

Peak Number 3 Octane, 3,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.157	34.23 ng	5847170	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	81
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	76
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	76
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	53
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125565.D
Acq On : 22 Sep 2021 18:28
Operator : JU/CG
Sample : M3733-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-01-(5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

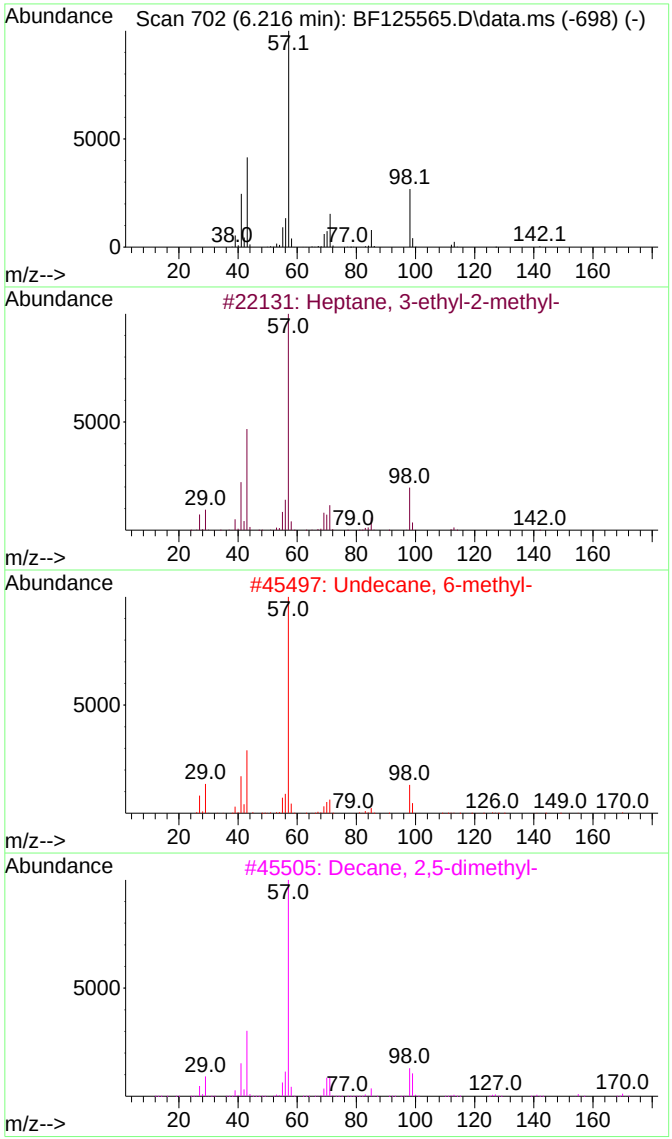
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

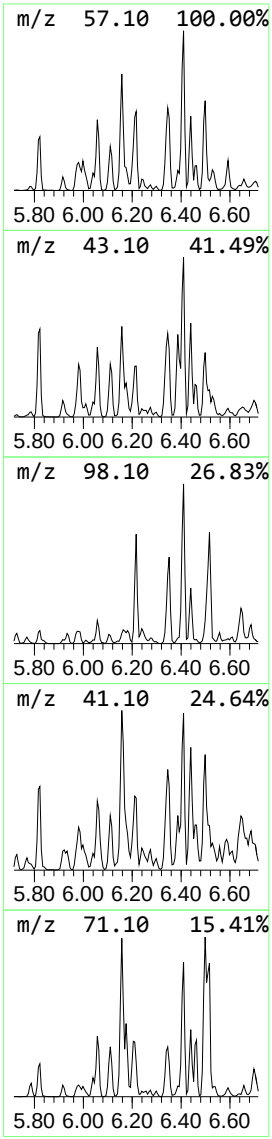
****

Peak Number 4 Heptane, 3-ethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.216	13.47 ng	2299910	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	83
2	Undecane, 6-methyl-	170	C12H26	017302-33-9	64
3	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	59
4	Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	53
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125565.D
Acq On : 22 Sep 2021 18:28
Operator : JU/CG
Sample : M3733-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-UST-01-(5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

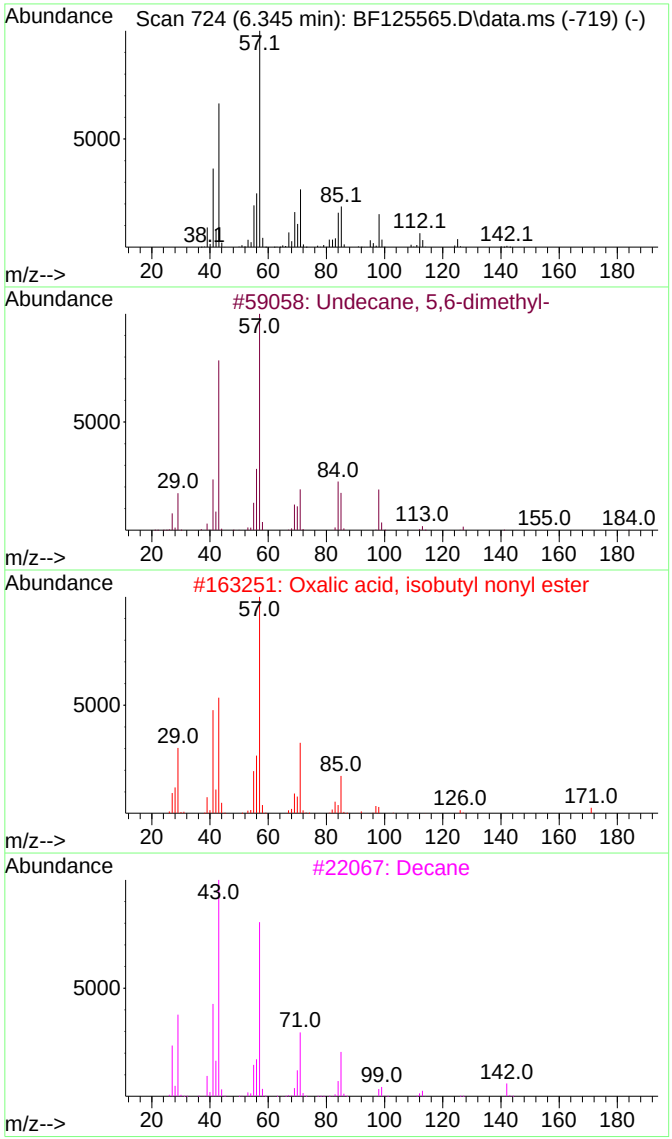
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

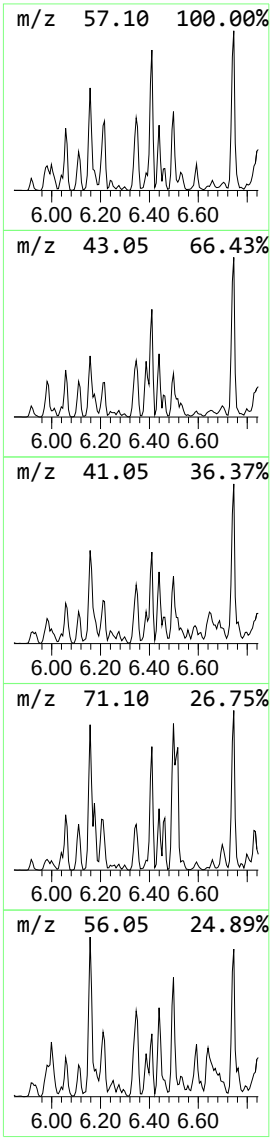
****

Peak Number 5 Undecane, 5,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.345	22.37 ng	3821600	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	64
2	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	53
3	Decane	142	C10H22	000124-18-5	50
4	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	50
5	Decane, 5-methyl-	156	C11H24	013151-35-4	50





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Operator : JU/CG
Sample : M3733-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-01-(5-7)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

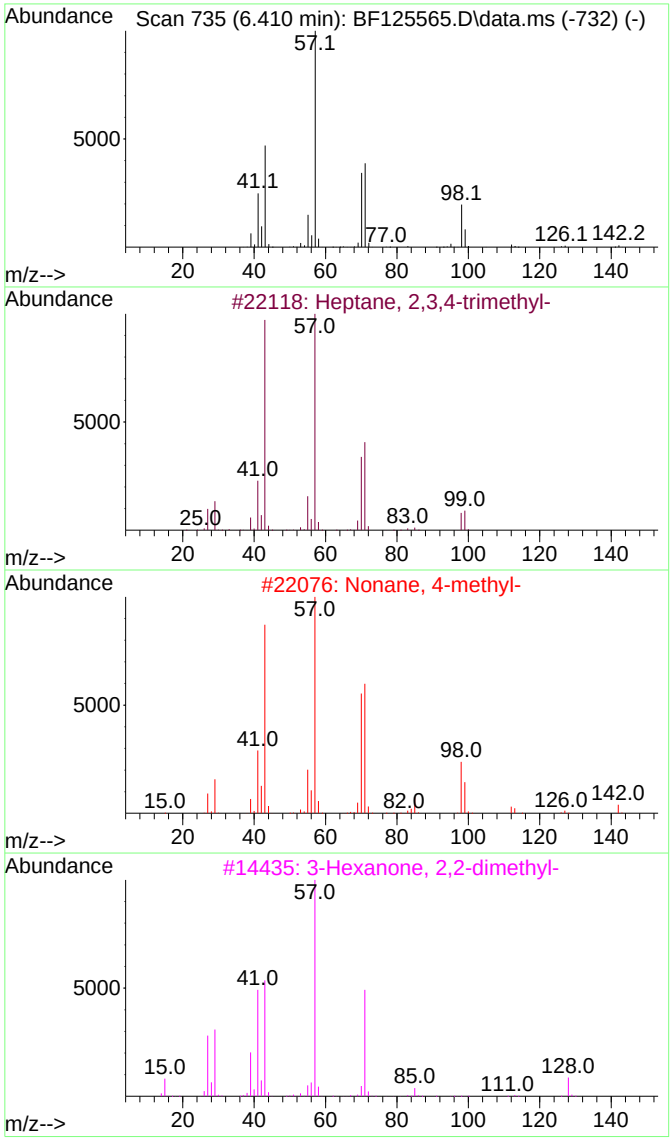
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

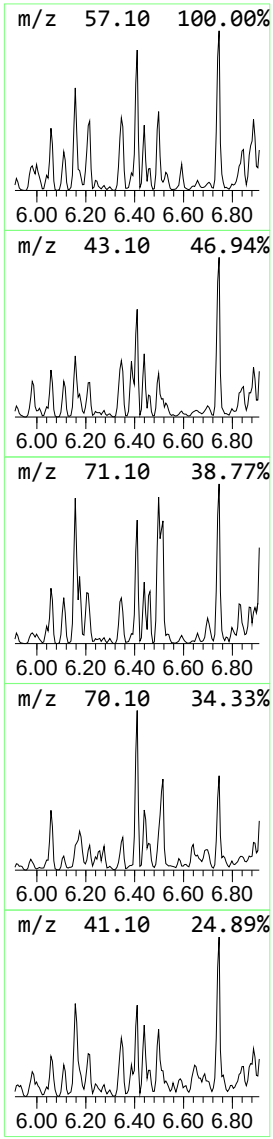
****

Peak Number 6 Heptane, 2,3,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.410	24.08 ng	4112570	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	59
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	53
3	3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	50
4	Heptane, 3-ethyl-	128	C9H20	015869-80-4	47
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-UST-01-(5-7)

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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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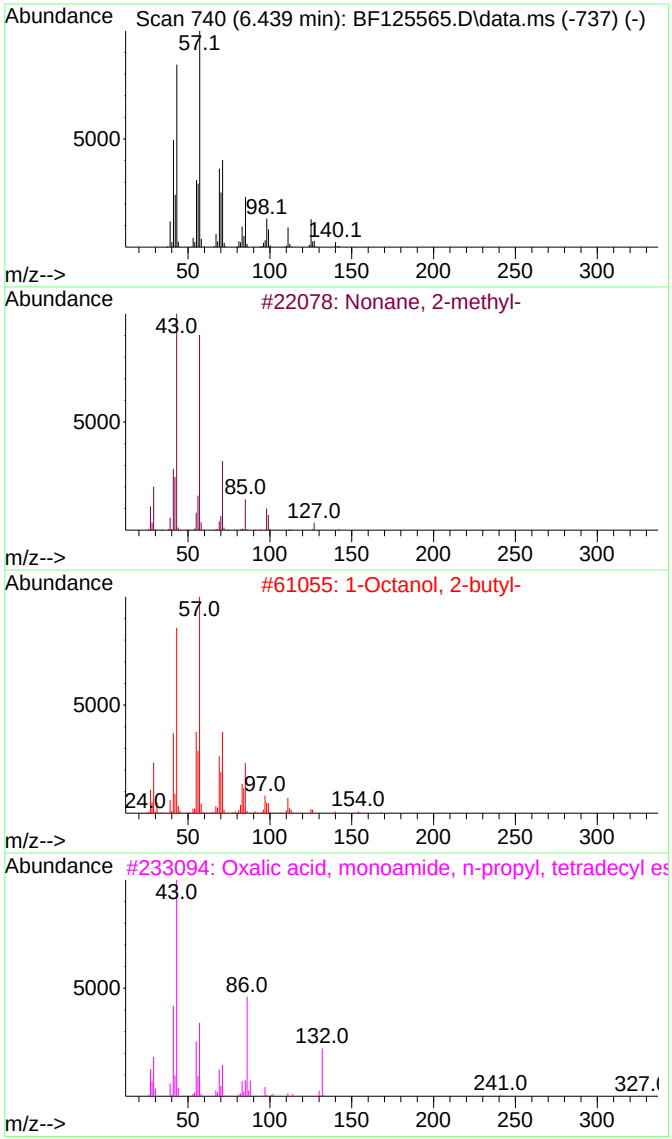
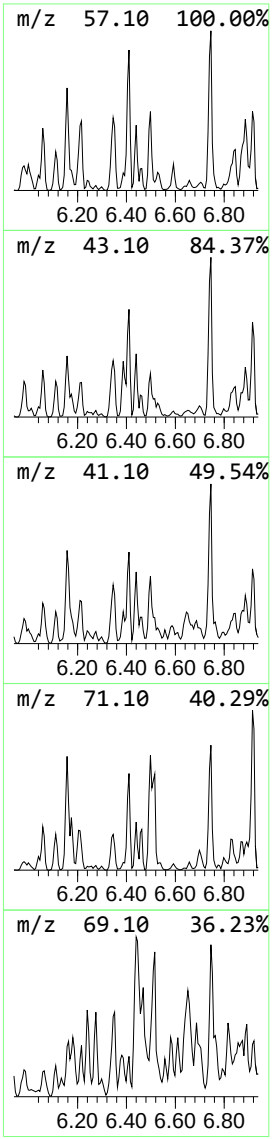
Peak Number 7 Nonane, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.439	21.58 ng	3686710	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	68
2	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	64
3	Oxalic acid, monoamide, n-propyl...	327	C19H37NO3	1000309-65-3	59
4	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	58
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	53





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-UST-01-(5-7)

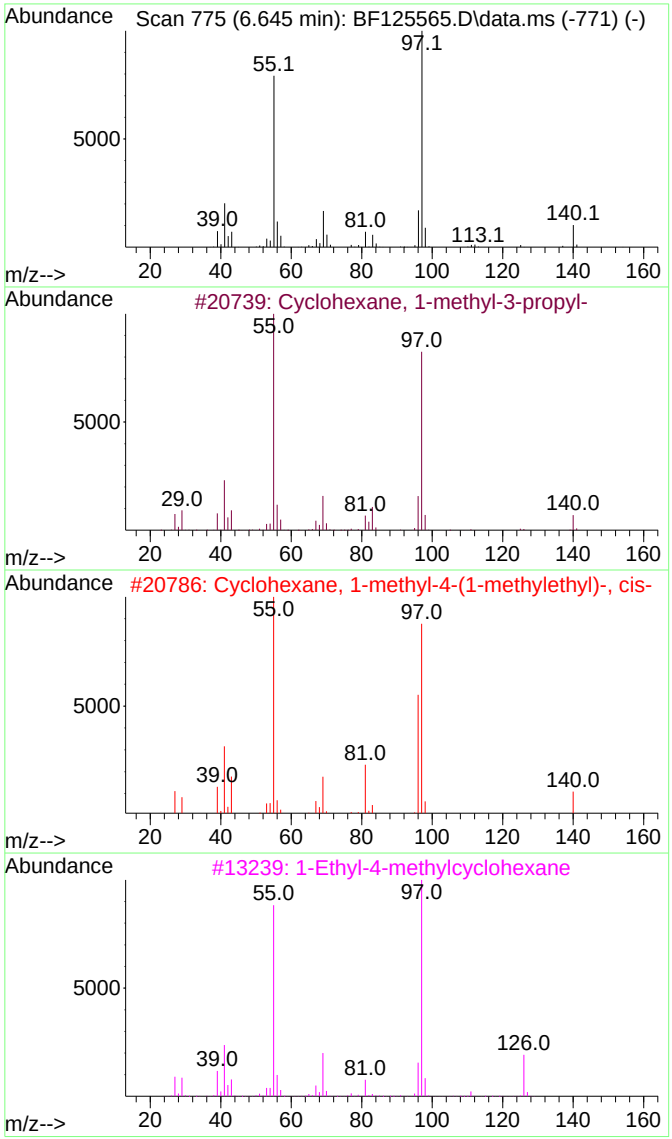
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

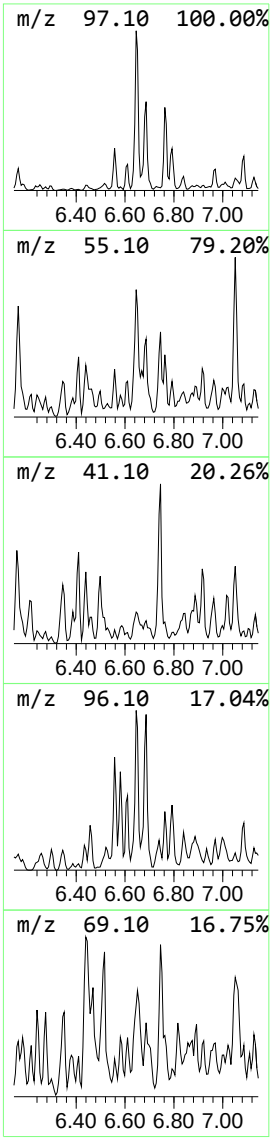
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclohexane, 1-methyl-3-pro... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.645	23.17 ng	3958090	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	91
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	86
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72
4	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	72
5	Semustine	247	C10H18ClN3O2	013909-09-6	72





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ClientSampleId :
SUP-UST-01-(5-7)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

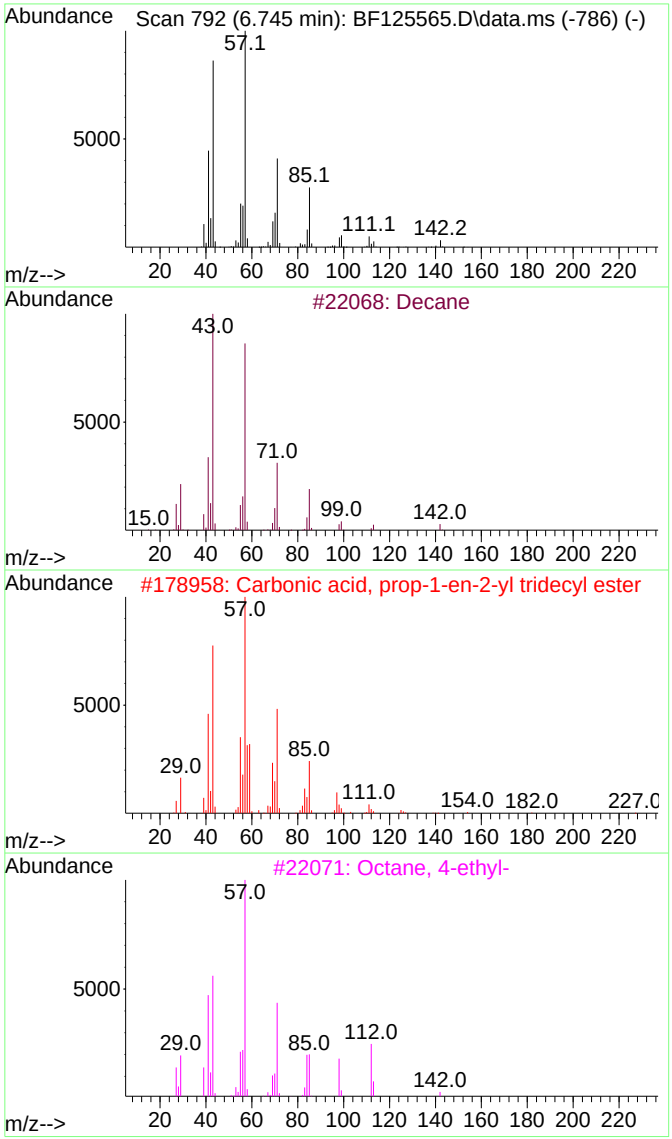
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

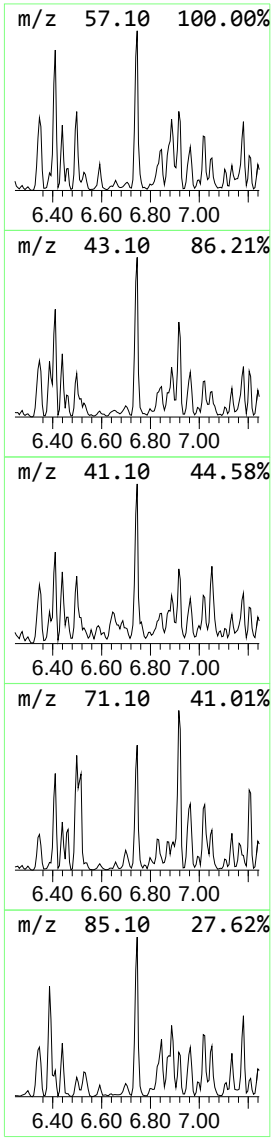
****

Peak Number 9 Decane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.745	55.05 ng	9402980	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	90
2	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	86
3	Octane, 4-ethyl-	142	C10H22	015869-86-0	72
4	Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	72
5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	72





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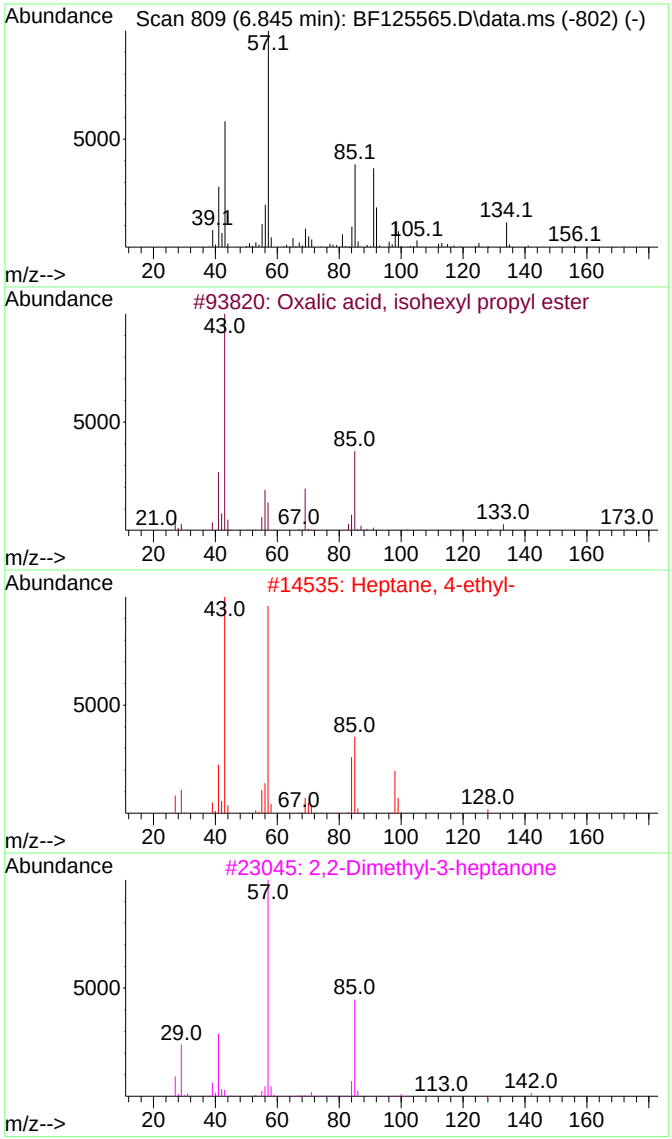
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

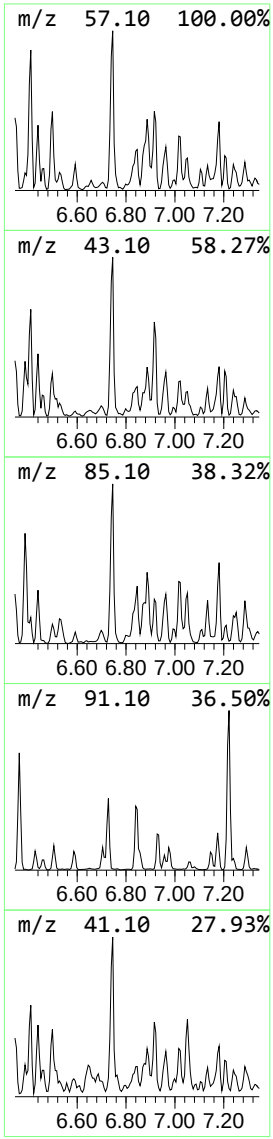
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 unknown6.845 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.845	21.59 ng	3686960	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isohexyl propyl ester	216	C11H20O4	1000309-32-6	47
2	Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
3	2,2-Dimethyl-3-heptanone	142	C9H18O	019078-97-8	43
4	2,4-Dimethyldodecane	198	C14H30	006117-99-3	43
5	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	43





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Instrument : BNA_F
ClientSampleId : SUP-UST-01-(5-7)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

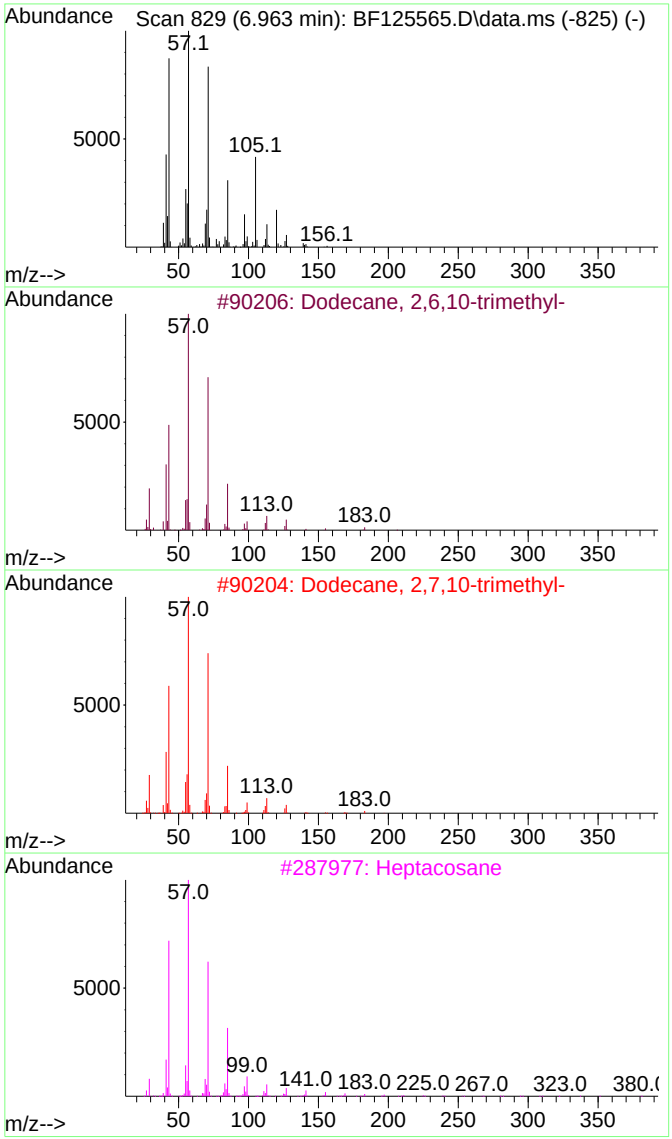
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

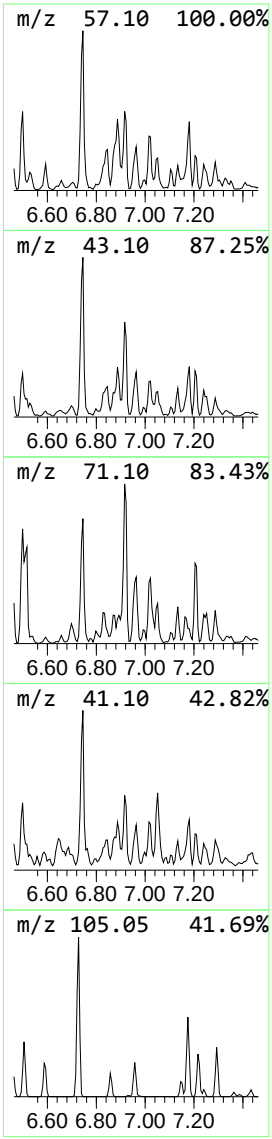
****

Peak Number 11 Dodecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.963	23.91 ng	4083400	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
3	Heptacosane	380	C27H56	000593-49-7	59
4	Decane, 3-methyl-	156	C11H24	013151-34-3	52
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	50





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Misc :
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Instrument : BNA_F
ClientSampleId : SUP-UST-01-(5-7)

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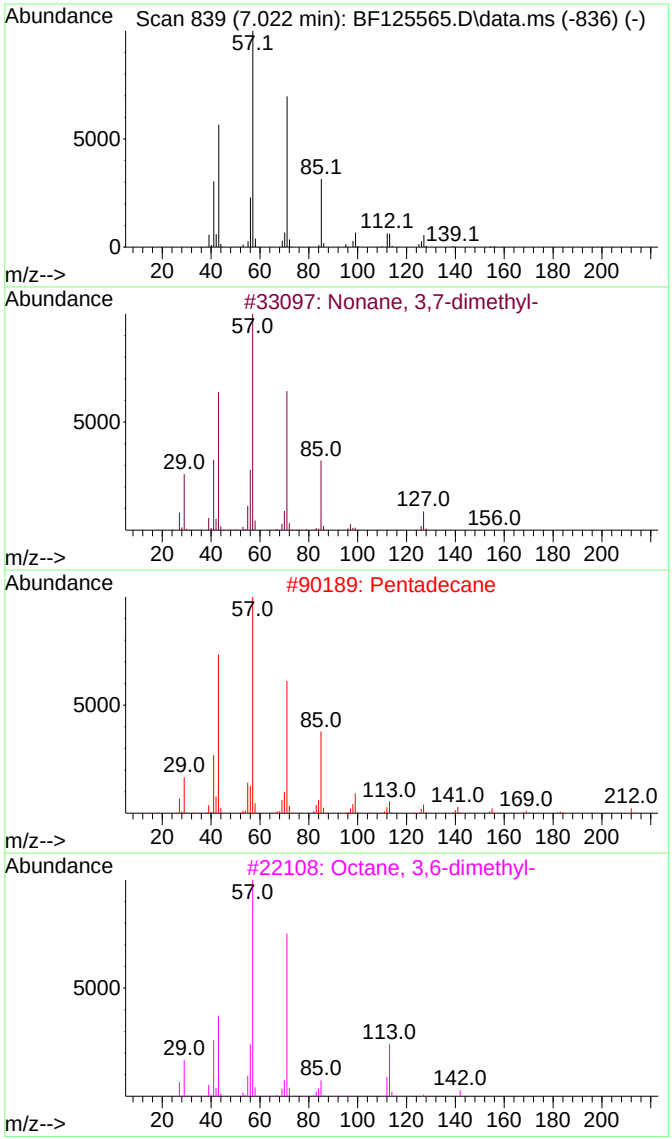
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

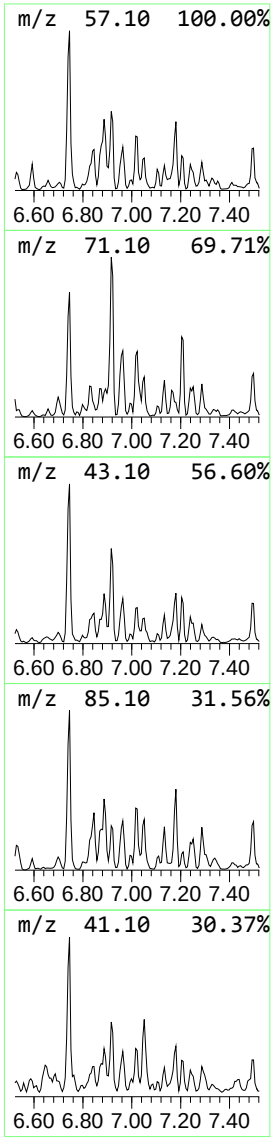
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Nonane, 3,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.022	16.14 ng	2756940	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
2	Pentadecane	212	C15H32	000629-62-9	64
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	59
5	Heptacosane	380	C27H56	000593-49-7	59





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Instrument : BNA_F
ClientSampleId : SUP-UST-01-(5-7)

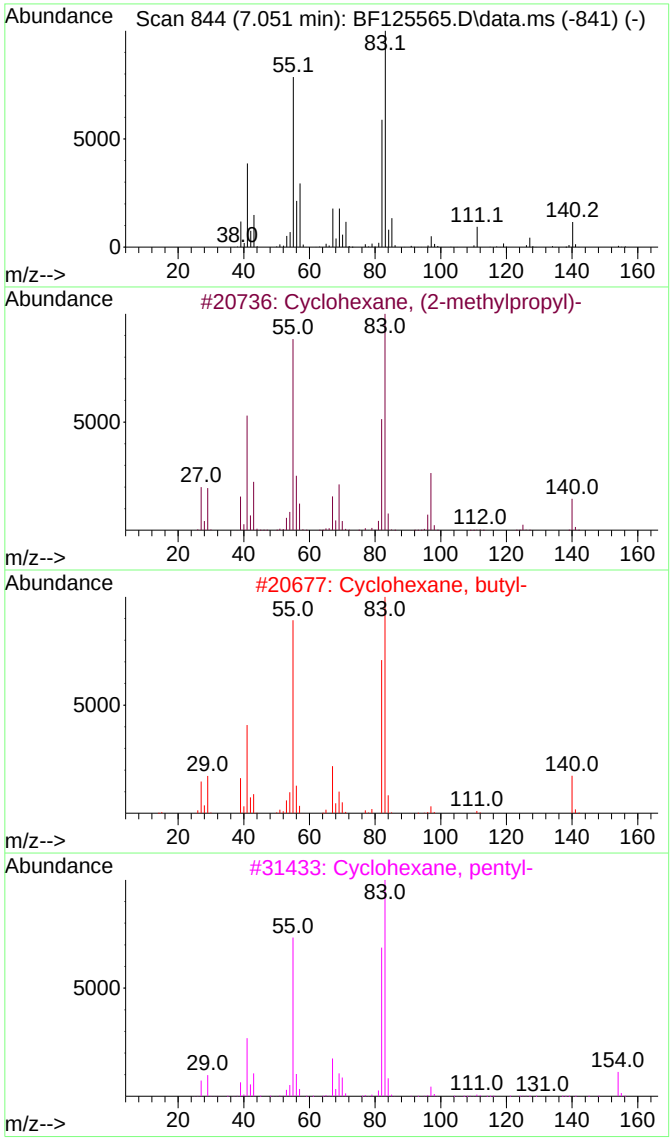
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

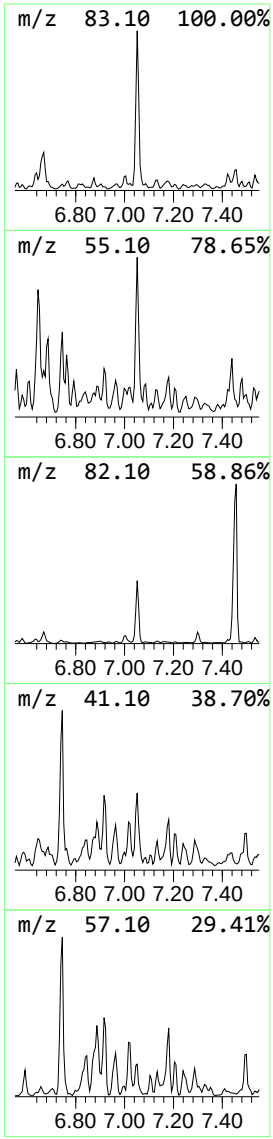
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclohexane, (2-methylpropyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.051	28.31 ng	4836250	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	83
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	81
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	59
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59





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Instrument :
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ClientSampleId :
SUP-UST-01-(5-7)

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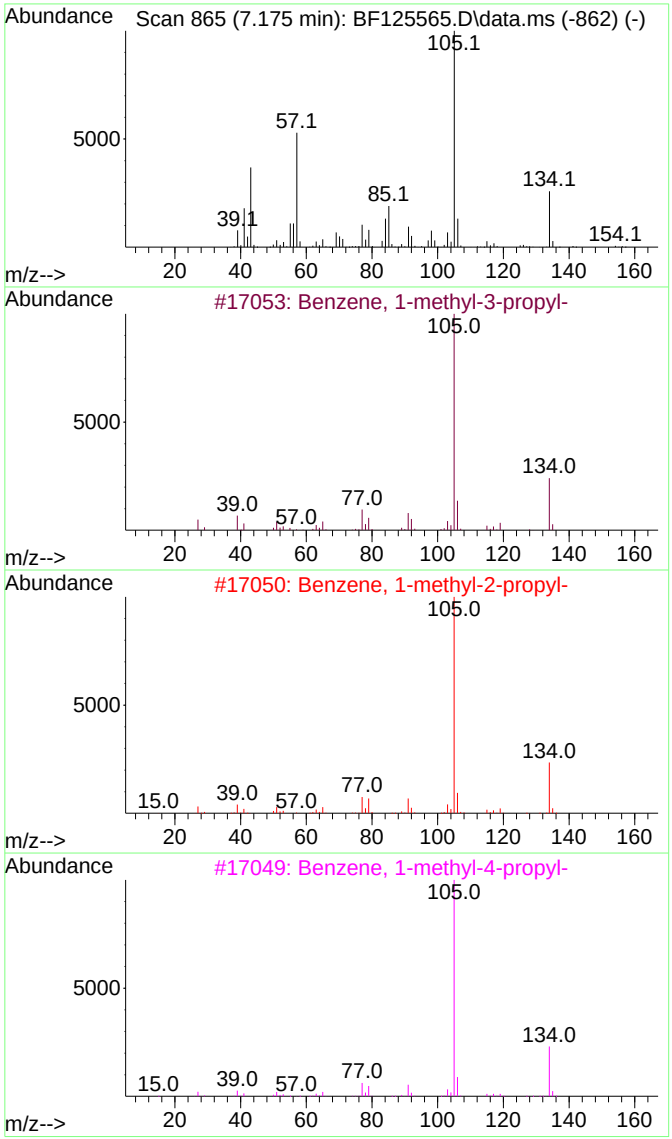
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

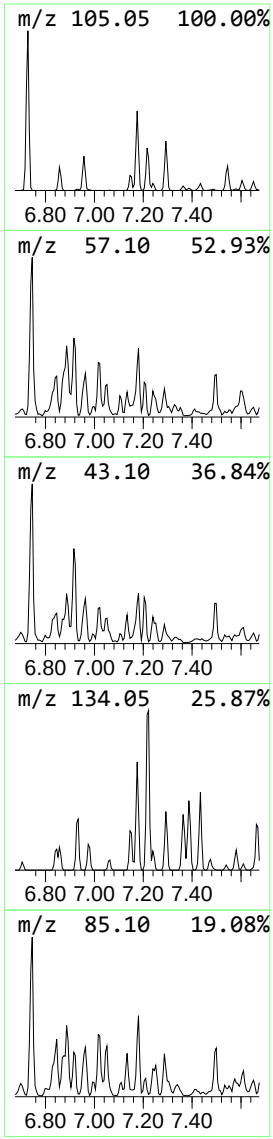
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-methyl-3-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.175	24.69 ng	4217450	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	92
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	70
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	64
5	2-Tolyloxirane	134	C9H10O	002783-26-8	53





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ClientSampleId : SUP-UST-01-(5-7)

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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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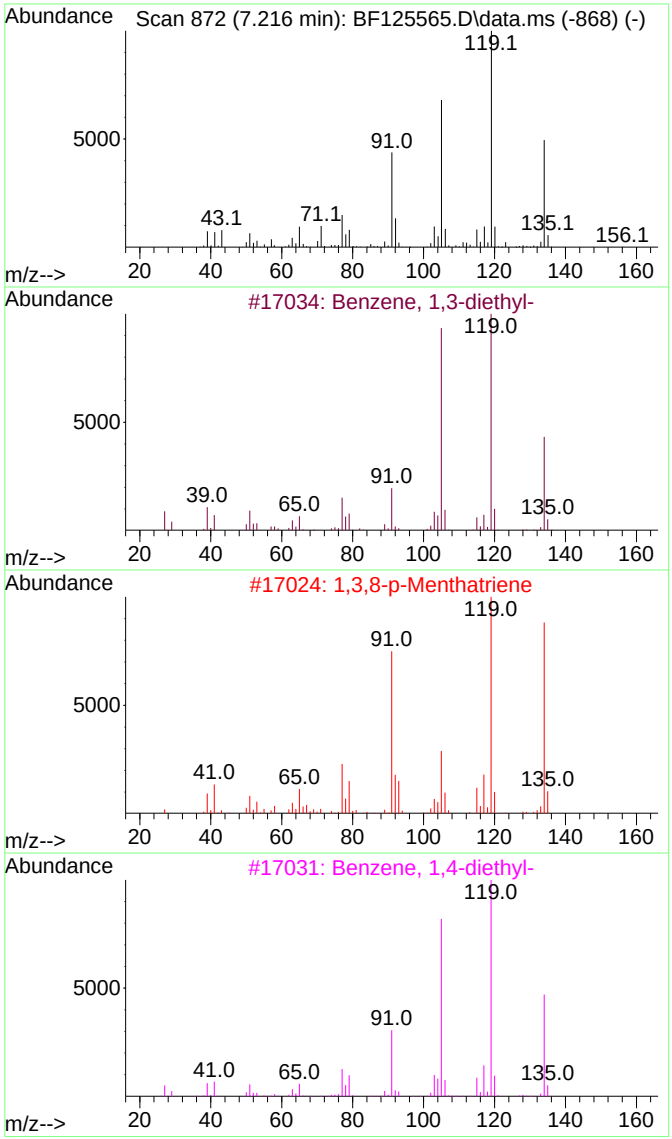
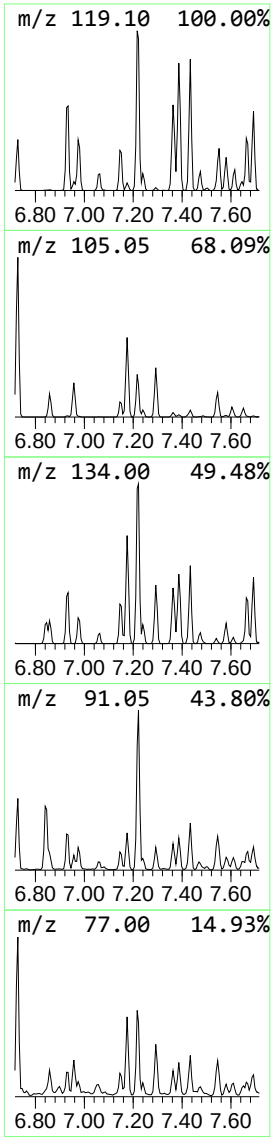
Peak Number 15 Benzene, 1,3-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.216	23.84 ng	4071790	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	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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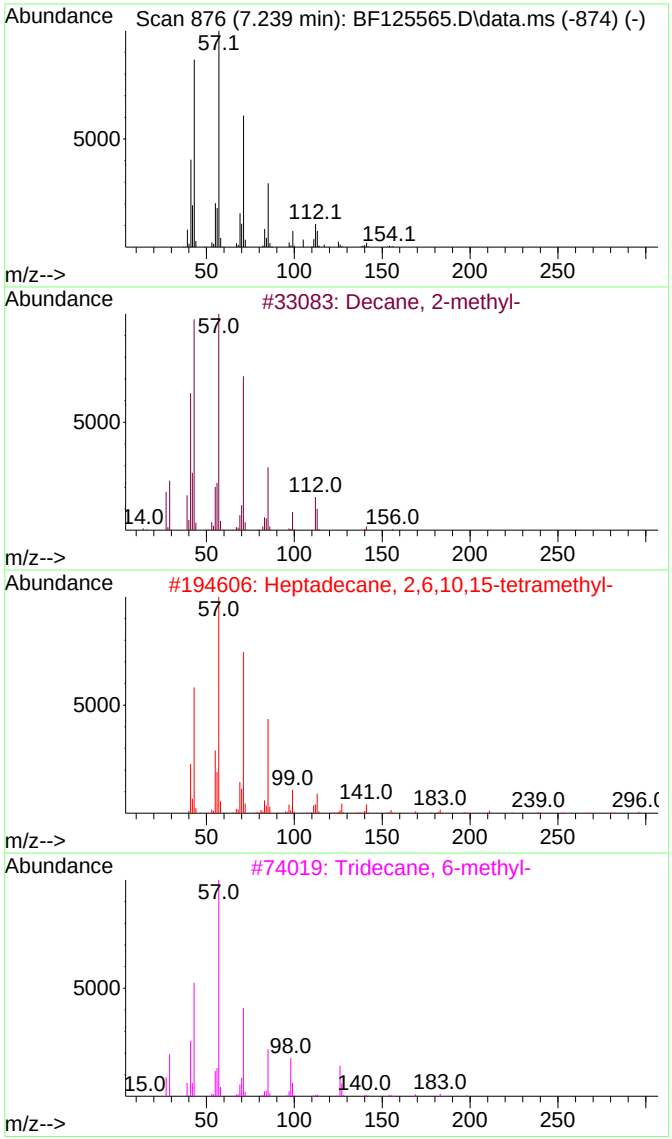
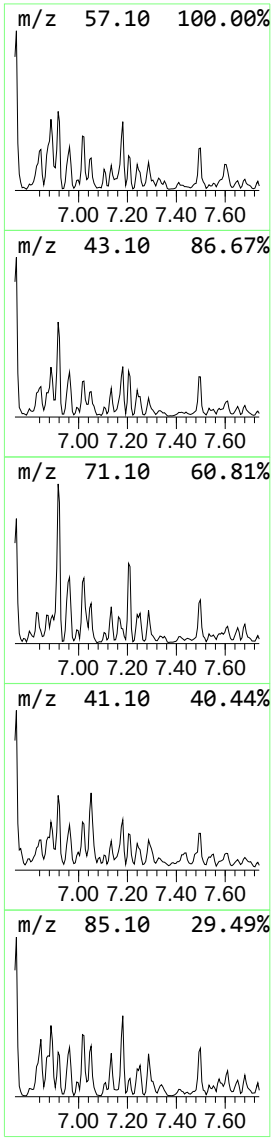
Peak Number 16 Decane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.239	12.92 ng	2206710	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	78
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	53
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	53





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-01-(5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.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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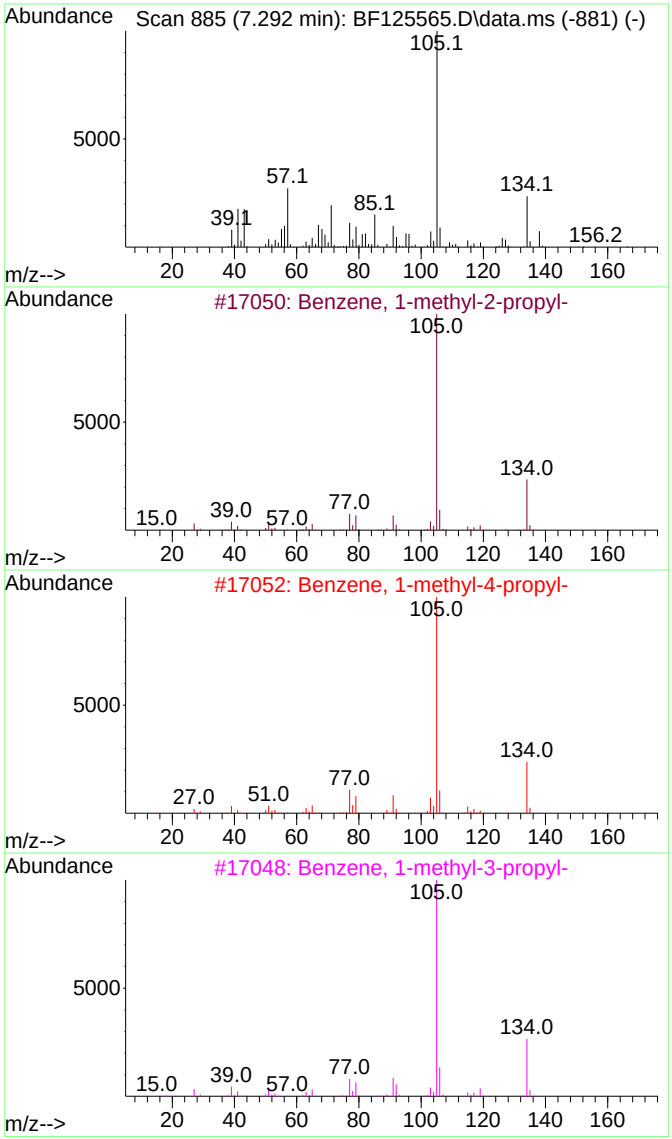
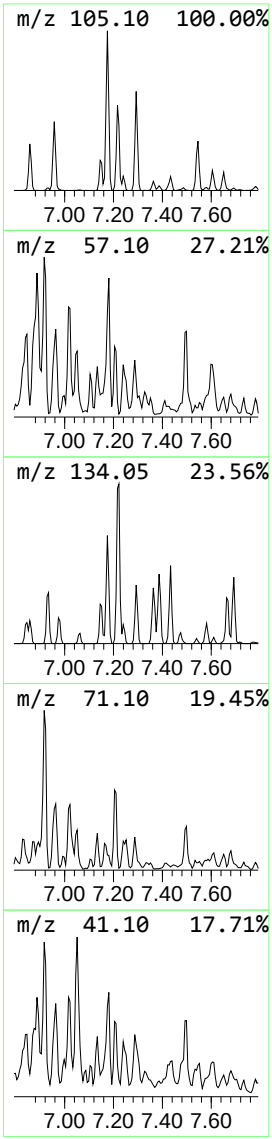
Peak Number 17 Benzene, 1-methyl-2-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.292	18.97 ng	3240950	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	86
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	50
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	50
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125565.D
Acq On : 22 Sep 2021 18:28
Operator : JU/CG
Sample : M3733-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-UST-01-(5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.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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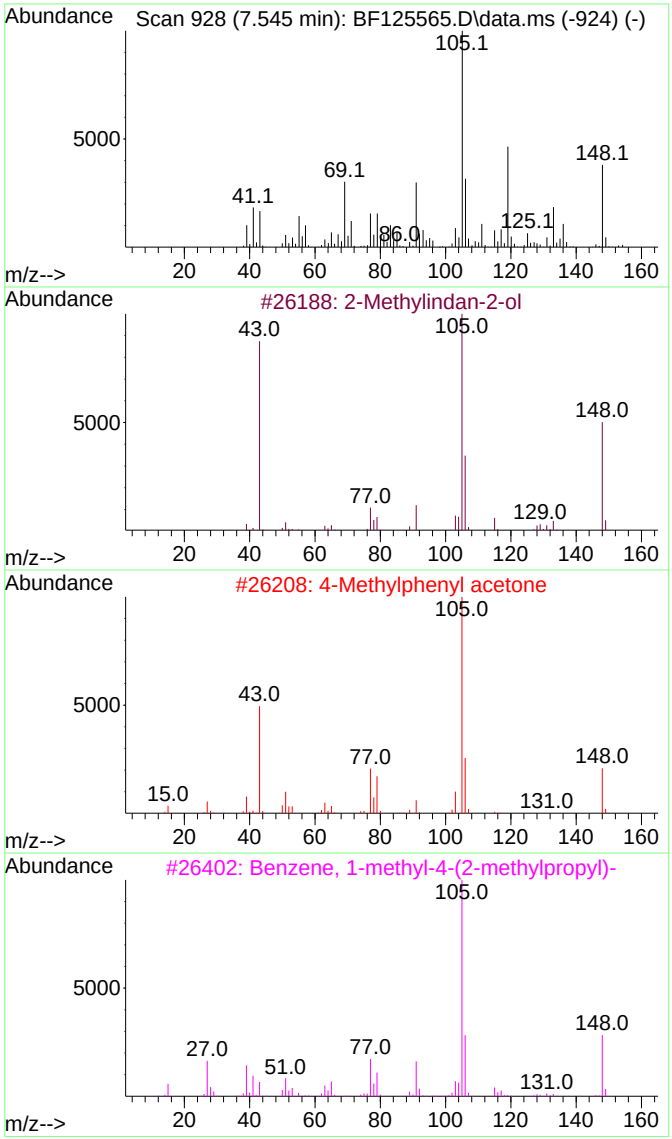
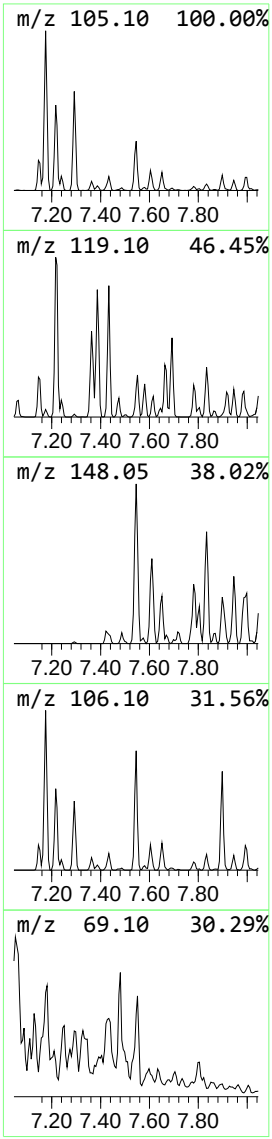
Peak Number 18 unknown7.545 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.545	25.56 ng	2418820	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindan-2-ol	148	C10H12O	033223-84-6	41
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	41
3	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	38
4	Benzeneethanol, 2-methyl-	136	C9H12O	019819-98-8	38
5	Benzeneethanol, .beta.-methyl-	136	C9H12O	001123-85-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125565.D
Acq On : 22 Sep 2021 18:28
Operator : JU/CG
Sample : M3733-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-01-(5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.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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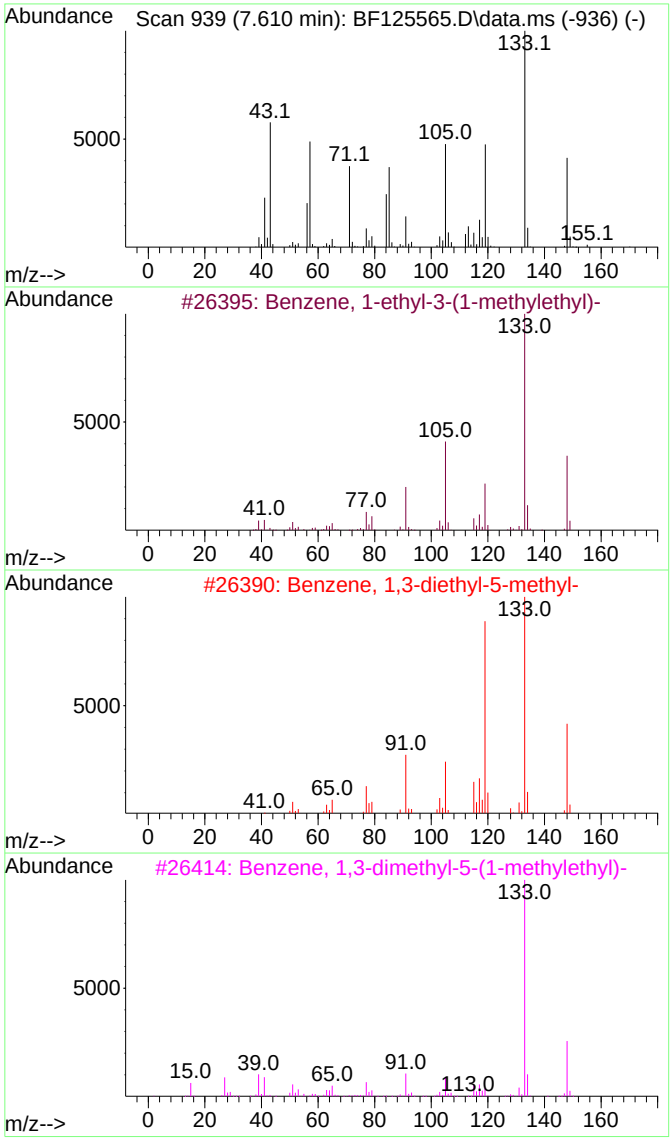
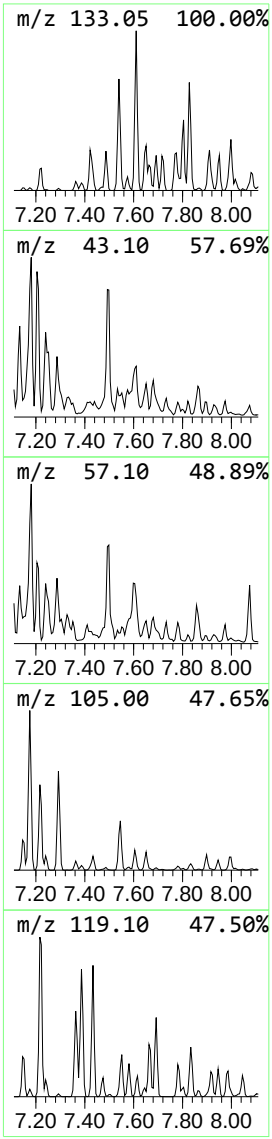
Peak Number 19 unknown7.610 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.610	17.42 ng	1648540	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	49
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	45
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	43
4	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	41
5	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125565.D
Acq On : 22 Sep 2021 18:28
Operator : JU/CG
Sample : M3733-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-UST-01-(5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.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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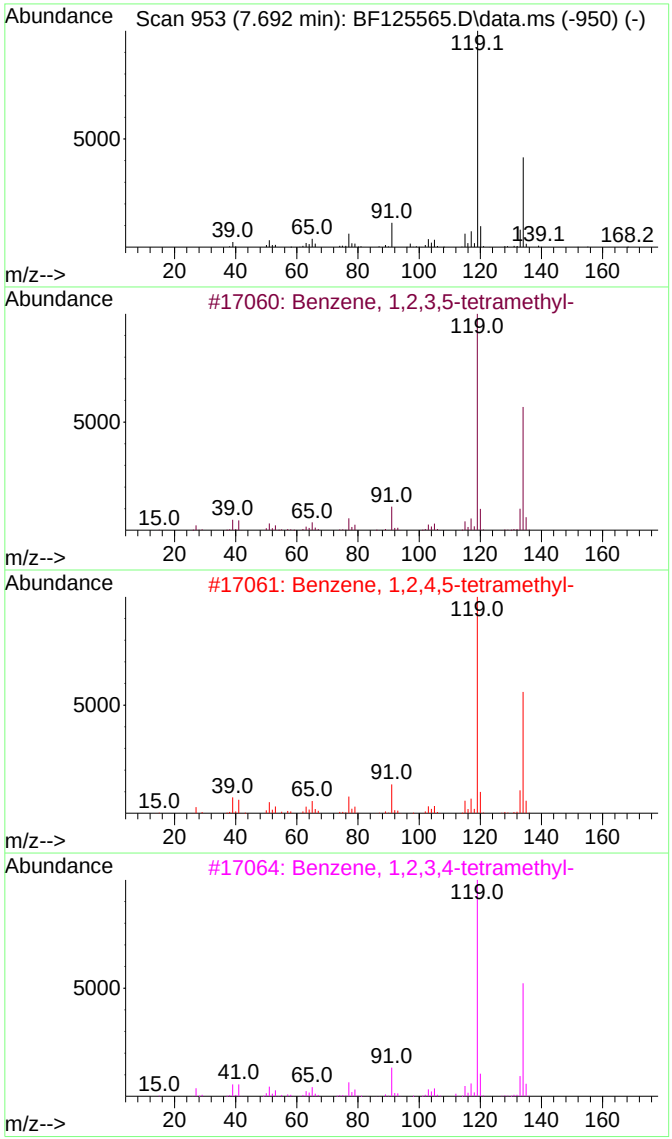
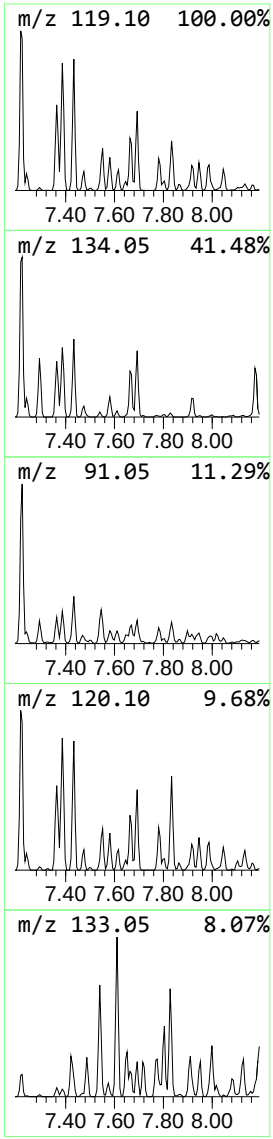
Peak Number 20 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.692	19.08 ng	1805810	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	o-Cymene	134	C10H14	000527-84-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125565.D
Acq On : 22 Sep 2021 18:28
Operator : JU/CG
Sample : M3733-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-01-(5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.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
Hexan-2-yl isob...	5.981	13.1	ng	2244940	1	6.898	3416140	20.0
Nonane, 4-methyl-	6.057	13.8	ng	2349280	1	6.898	3416140	20.0
Octane, 3,6-dim...	6.157	34.2	ng	5847170	1	6.898	3416140	20.0
Heptane, 3-ethy...	6.216	13.5	ng	2299910	1	6.898	3416140	20.0
Undecane, 5,6-d...	6.345	22.4	ng	3821600	1	6.898	3416140	20.0
Heptane, 2,3,4-...	6.410	24.1	ng	4112570	1	6.898	3416140	20.0
Nonane, 2-methyl-	6.439	21.6	ng	3686710	1	6.898	3416140	20.0
Cyclohexane, 1-...	6.645	23.2	ng	3958090	1	6.898	3416140	20.0
Decane	6.745	55.0	ng	9402980	1	6.898	3416140	20.0
unknown6.845	6.845	21.6	ng	3686960	1	6.898	3416140	20.0
Dodecane, 2,6,1...	6.963	23.9	ng	4083400	1	6.898	3416140	20.0
Nonane, 3,7-dim...	7.022	16.1	ng	2756940	1	6.898	3416140	20.0
Cyclohexane, (2...	7.051	28.3	ng	4836250	1	6.898	3416140	20.0
Benzene, 1-meth...	7.175	24.7	ng	4217450	1	6.898	3416140	20.0
Benzene, 1,3-di...	7.216	23.8	ng	4071790	1	6.898	3416140	20.0
Decane, 2-methyl-	7.239	12.9	ng	2206710	1	6.898	3416140	20.0
Benzene, 1-meth...	7.292	19.0	ng	3240950	1	6.898	3416140	20.0
unknown7.545	7.545	25.6	ng	2418820	2	8.175	1892620	20.0
unknown7.610	7.610	17.4	ng	1648540	2	8.175	1892620	20.0
Benzene, 1,2,3,...	7.692	19.1	ng	1805810	2	8.175	1892620	20.0