LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125570.D
Acq On : 22 Sep 2021 21:13
Operator : JU/CG
Sample : M3733-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-02-(7-10)

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: BF125570.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	11	18	24	rVB	1465706	1894389	34.31%	2.030%
2	2.299	31	36	42	rVB2	50750	68530	1.24%	0.073%
3	4.975	488	491	496	rVB	97295	106969	1.94%	0.115%
4	5.057	496	505	507	rBV2	147052	215101	3.90%	0.230%
5	5.128	512	517	522	rVB2	165962	306170	5.55%	0.328%
6	5.328	546	551	554	rBV	424844	436399	7.90%	0.468%
7	5.357	554	556	561	rVV2	81990	108937	1.97%	0.117%
8	5.410	561	565	569	rVB	184602	161843	2.93%	0.173%
9	5.510	574	582	585	rBV	4019318	3913747	70.89%	4.194%
10	5.604	596	598	601	rVB	155918	130460	2.36%	0.140%
11	5.645	601	605	608	rBV2	124047	129226	2.34%	0.138%
12	5.681	608	611	616	rVV3	237358	361919	6.56%	0.388%
13	5.728	616	619	622	rVB	704928	589579	10.68%	0.632%
14	5.769	622	626	633	rVB3	469459	598986	10.85%	0.642%
15	5.834	633	637	642	rBV2	117616	118713	2.15%	0.127%
16	5.934	646	654	657	rBV4	765838	1219758	22.09%	1.307%
17	5.981	657	662	665	rBV2	1055624	1408323	25.51%	1.509%
18	6.040	669	672	673	rVV	371859	359434	6.51%	0.385%
19	6.057	673	675	680	rVB3	1673033	1950040	35.32%	2.090%
20	6.110	680	684	687	rBV	1097538	1149032	20.81%	1.231%
21	6.157	687	692	698	rVV2	3940382	5521047	100.00%	5.916%
22	6.210	698	701	704	rVV	2006713	2230167	40.39%	2.390%
23	6.240	704	706	710	rVV3	678761	1026563	18.59%	1.100%
24	6.275	710	712	714	rVV	624485	537616	9.74%	0.576%
25	6.298	714	716	719	rVB2	409165	352204	6.38%	0.377%
26	6.345	719	724	728	rBV2	2325831	2975093	53.89%	3.188%
27	6.387	728	731	732	rVV3	389864	460935	8.35%	0.494%
28	6.404	732	734	736	rVV	1441139	1051777	19.05%	1.127%
29	6.439	736	740	748	rVV4	1293191	2817717	51.04%	3.019%
30	6.510	748	752	755	rVV	3741883	4442357	80.46%	4.760%
31	6.557	758	760	761	rVV	862099	696626	12.62%	0.746%
32	6.581	761	764	766	rVV3	1006709	1169421	21.18%	1.253%
33	6.604	766	768	771	rVV2	671700	729518	13.21%	0.782%
34	6.645	771	775	780	rVV2	1940801	3402602	61.63%	3.646%
35	6.681	780	781	787	rVV4	1302121	1628782	29.50%	1.745%
36	6.745	788	792	793	rVV2	824159	910629	16.49%	0.976%

LSC Area Percent Report

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Sample : M3733-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-02-(7-10)

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 >
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	6.763	793	795	797	rVV	942653	881949	15.97%	0.945%
38	6.792	797	800	802	rVV2	593315	674512	12.22%	0.723%
39	6.839	802	808	810	rVV4	1204655	2119340	38.39%	2.271%
40	6.869	811	813	814	rVV2	1010804	929566	16.84%	0.996%
41	6.892	814	817	819	rVV2	2065445	2773174	50.23%	2.972%
42	6.916	819	821	824	rVV	2805135	2307981	41.80%	2.473%
43	6.963	824	829	832	rVV2	1102525	1600032	28.98%	1.715%
44	6.992	832	834	836	rVV2	570447	689365	12.49%	0.739%
45	7.016	836	838	841	rVV	1156674	1220876	22.11%	1.308%
46	7.045	841	843	847	rVV	2147730	2304292	41.74%	2.469%
47	7.081	847	849	851	rVV	454751	418561	7.58%	0.449%
48	7.104	851	853	855	rVV	313837	283726	5.14%	0.304%
49	7.128	855	857	859	rVV	542024	598260	10.84%	0.641%
50	7.175	862	865	868	rVV2	502288	655002	11.86%	0.702%
51	7.216	868	872	874	rVV2	415120	477405	8.65%	0.512%
52	7.245	874	877	880	rVV2	305422	419796	7.60%	0.450%
53	7.298	883	886	888	rVV	516400	514730	9.32%	0.552%
54	7.328	888	891	897	rVV5	177233	325428	5.89%	0.349%
55	7.375	897	899	902	rVV3	72083	95253	1.73%	0.102%
56	7.451	902	912	915	rVV2	2660892	3324485	60.21%	3.562%
57	7.475	915	916	920	rVV3	254216	228775	4.14%	0.245%
58	7.545	923	928	931	rVB3	249581	405961	7.35%	0.435%
59	7.598	931	937	941	rBV3	153614	301073	5.45%	0.323%
60	7.651	941	946	947	rVV2	123804	166410	3.01%	0.178%
61	7.681	949	951	953	rVV	130723	114433	2.07%	0.123%
62	7.704	953	955	958	rVB2	83374	65379	1.18%	0.070%
63	7.781	964	968	970	rBV	130816	129939	2.35%	0.139%
64	7.822	973	975	979	rVV3	112412	127305	2.31%	0.136%
65	7.863	979	982	985	rVB2	58541	59788	1.08%	0.064%
66	7.916	989	991	994	rBV	72697	62090	1.12%	0.067%
67	8.075	1014	1018	1021	rBV	1577080	1252183	22.68%	1.342%
68	8.175	1031	1035	1039	rBV	1931989	1632783	29.57%	1.750%
69	8.239	1042	1046	1048	rVB3	57465	59821	1.08%	0.064%
70	9.251	1213	1218	1221	rBV	5530728	4835648	87.59%	5.182%
71	9.933	1330	1334	1337	rBV	2052054	1861470	33.72%	1.995%
72	10.716	1463	1467	1470	rBV	3234794	2926998	53.02%	3.136%
73	11.416	1582	1586	1589	rBV	2425052	1926678	34.90%	2.065%
74	11.810	1650	1653	1656	rBV	180430	125223	2.27%	0.134%
75	11.939	1671	1675	1680	rBV	183902	167441	3.03%	0.179%
76	12.516	1771	1773	1780	rVB	157967	125981	2.28%	0.135%

LSC Area Percent Report

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Sample : M3733-04
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Instrument : BNA_F
ClientSampleId : SUP-UST-02-(7-10)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.721	1806	1808	1818	rBV3	62252	73713	1.34%	0.079%
78	13.004	1851	1856	1859	rBV	5538513	5222147	94.59%	5.596%
79	13.480	1934	1937	1944	rVB2	58996	59434	1.08%	0.064%
80	13.898	2004	2008	2018	rBV2	371294	476278	8.63%	0.510%
81	14.051	2030	2034	2038	rBV	1648005	1598251	28.95%	1.713%
82	14.227	2060	2064	2069	rBV	63192	60819	1.10%	0.065%
83	14.527	2112	2115	2119	rBV	67218	69645	1.26%	0.075%
84	14.921	2178	2182	2186	rVB	68398	74227	1.34%	0.080%
85	15.186	2224	2227	2235	rBV	46068	59747	1.08%	0.064%
86	15.533	2281	2286	2291	rBV	1061852	1257670	22.78%	1.348%

Sum of corrected areas: 93321652

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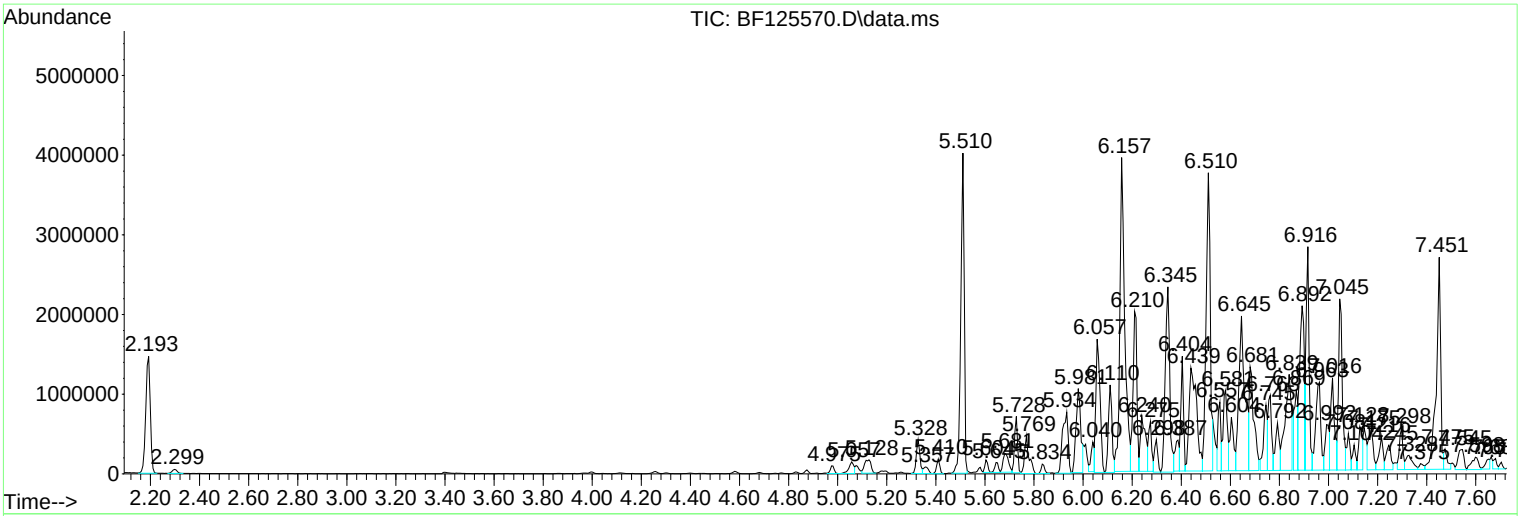
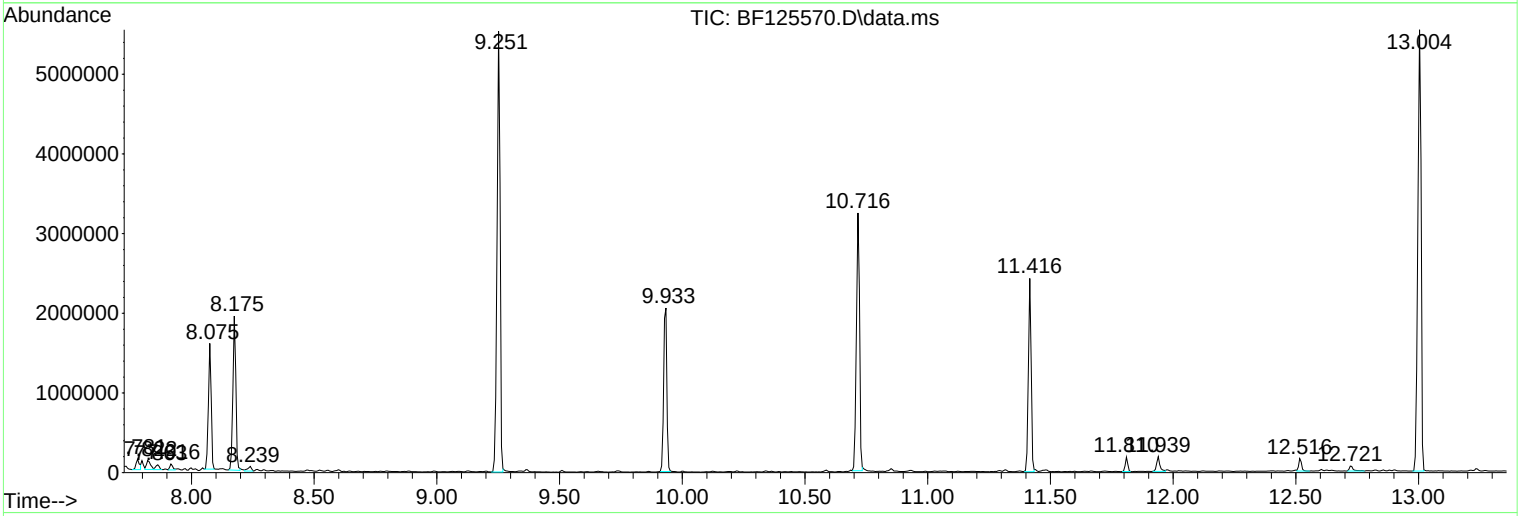
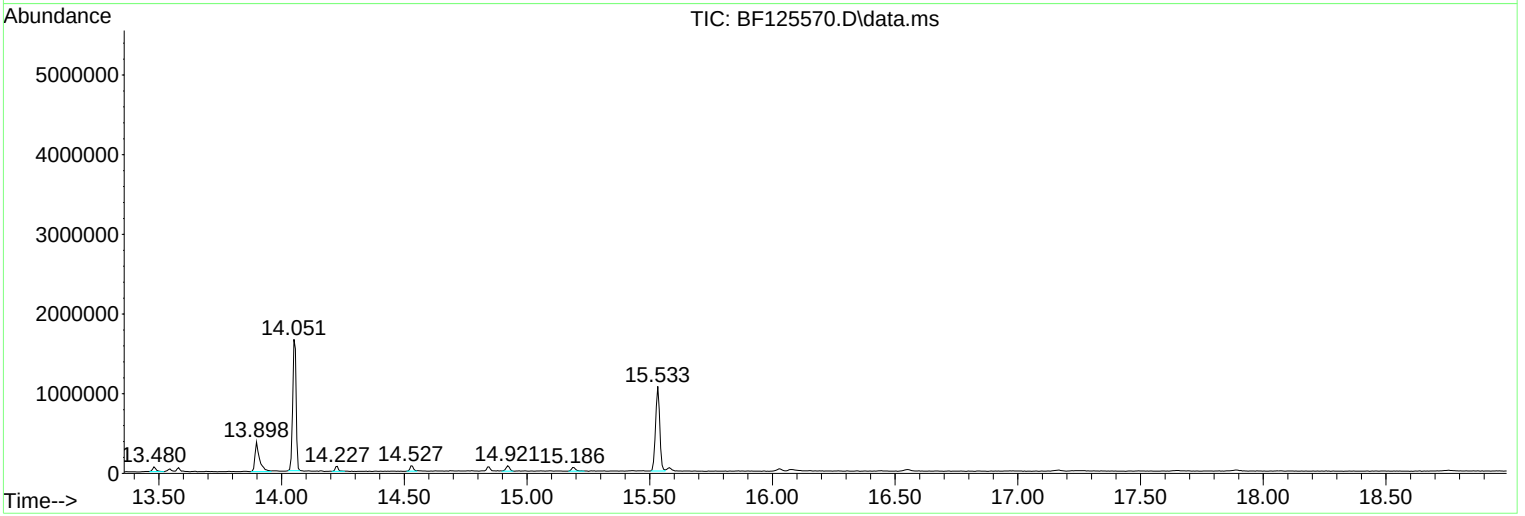
Instrument :
BNA_F
ClientSampleId :
SUP-UST-02-(7-10)

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\
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Instrument :
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SUP-UST-02-(7-10)

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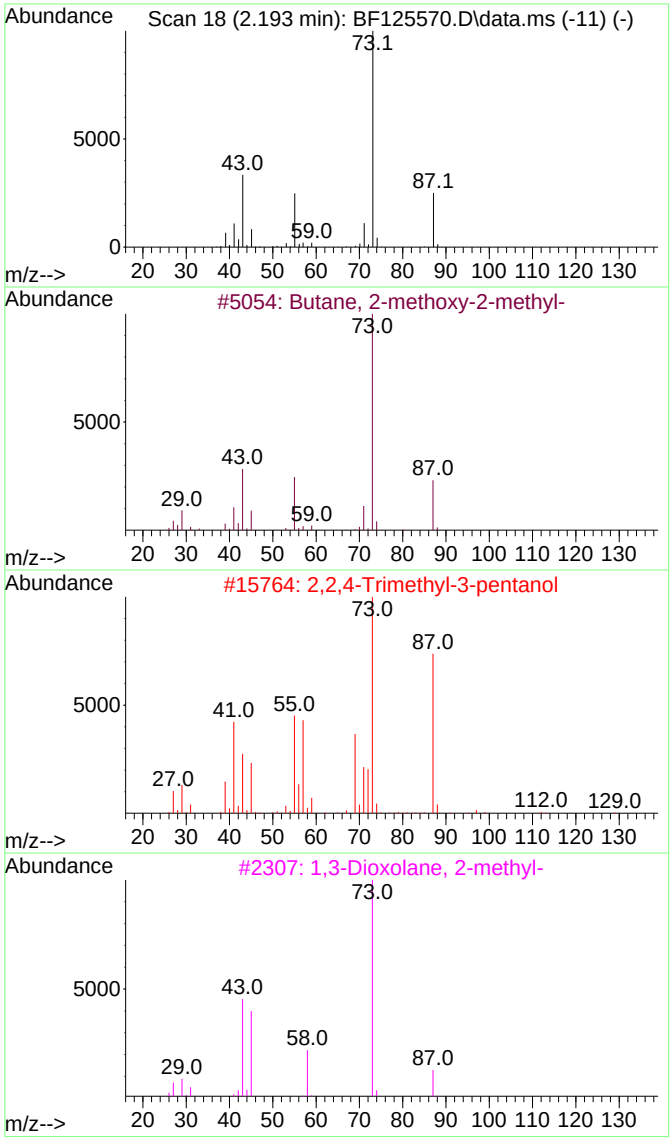
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

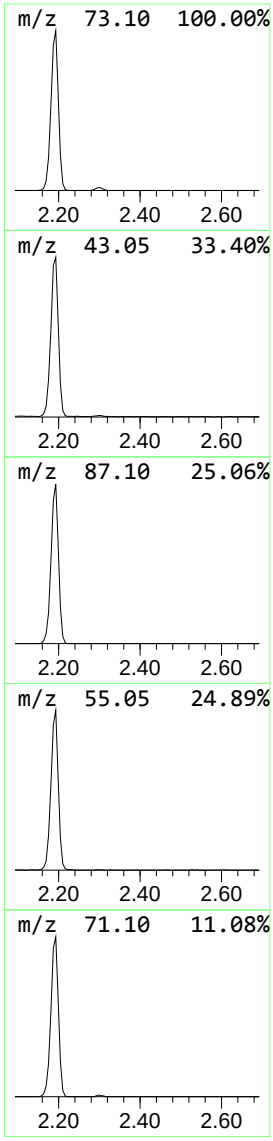
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.193	13.66 ng	1894390	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Sample : M3733-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-UST-02-(7-10)

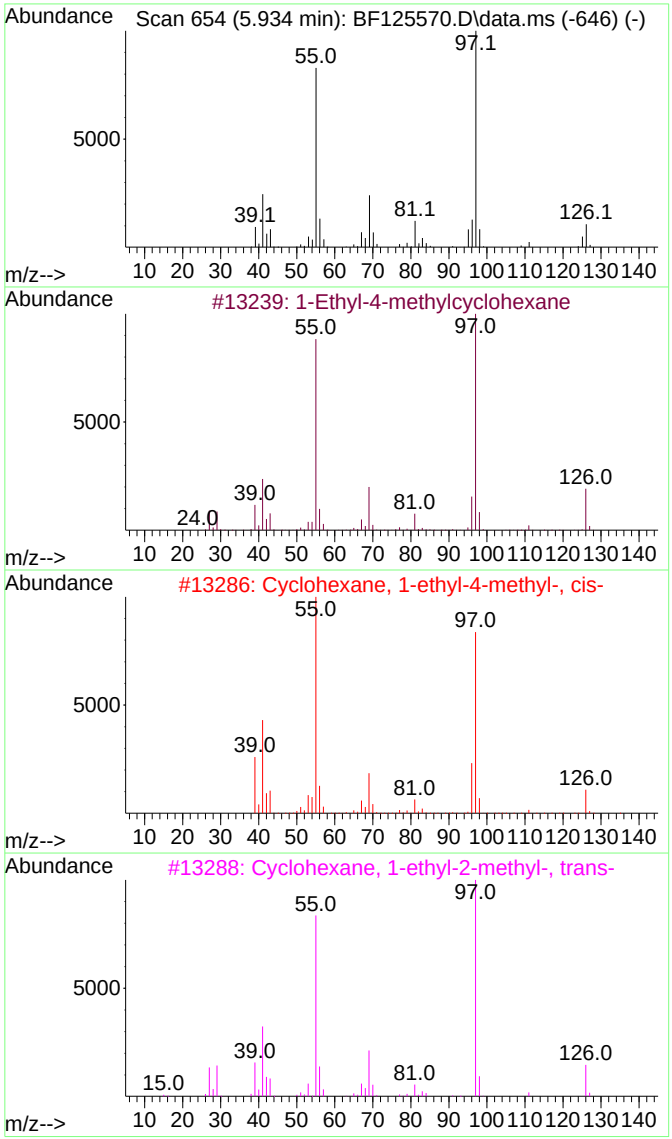
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

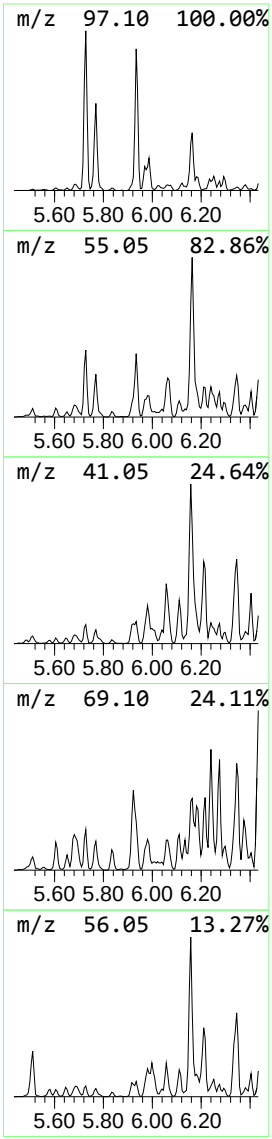
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Ethyl-4-methylcyclohexane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.934	8.80 ng	1219760	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	87
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	87
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	83
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	83





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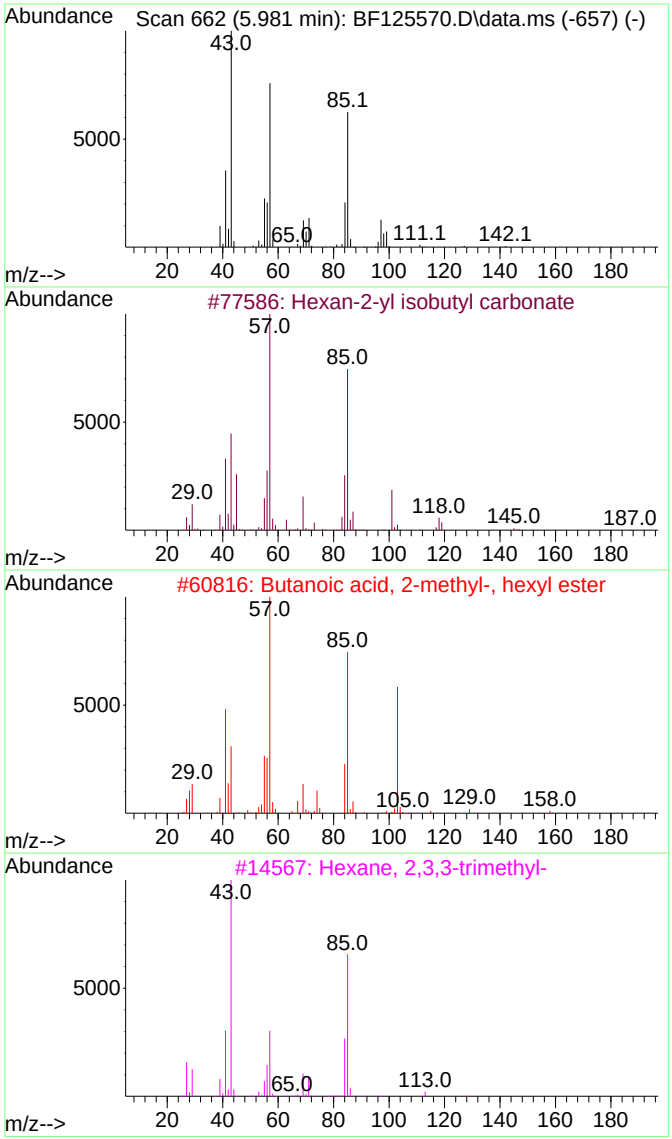
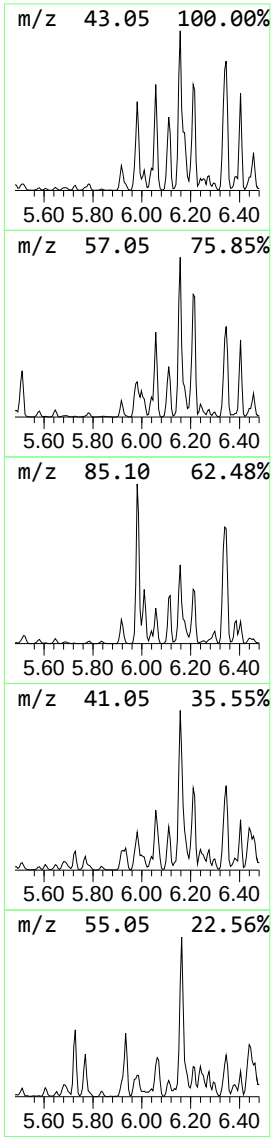
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexan-2-yl isobutyl carbonate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.981	10.16 ng	1408320	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	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	59
4	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	58





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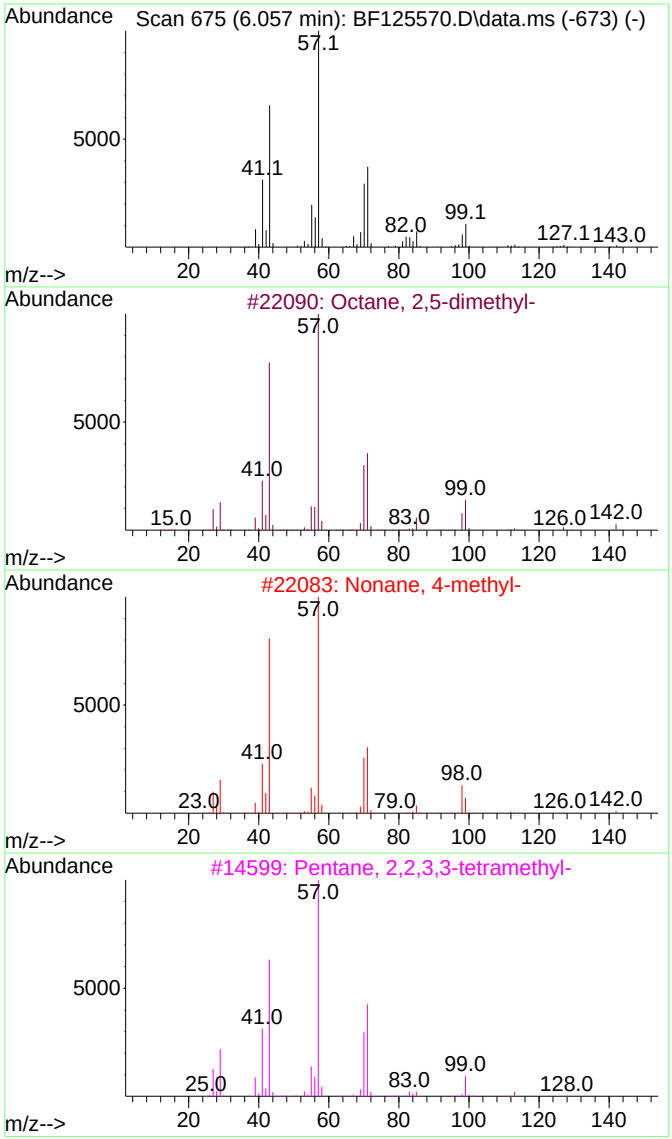
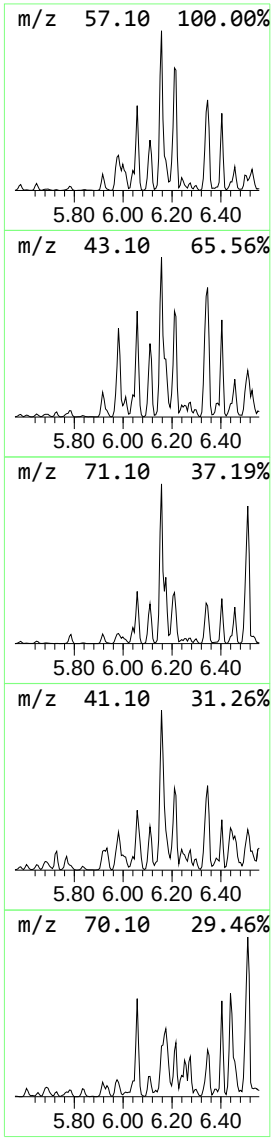
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Octane, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.057	14.06 ng	1950040	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	90
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	80
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	72
4	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	59
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	53





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Sample : M3733-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-UST-02-(7-10)

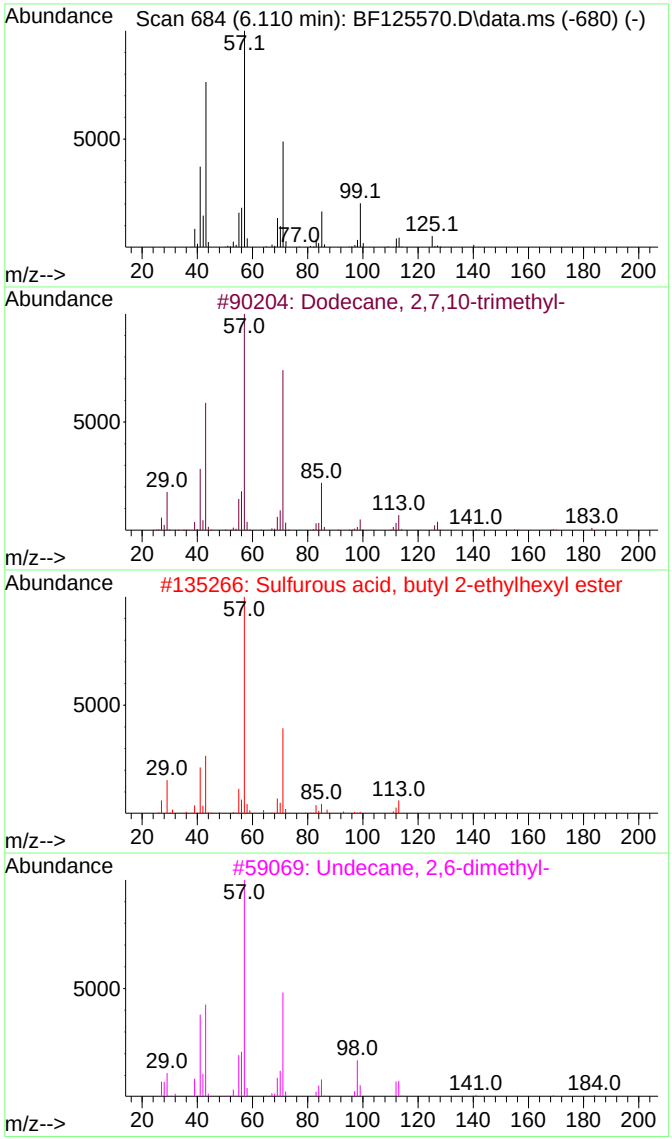
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

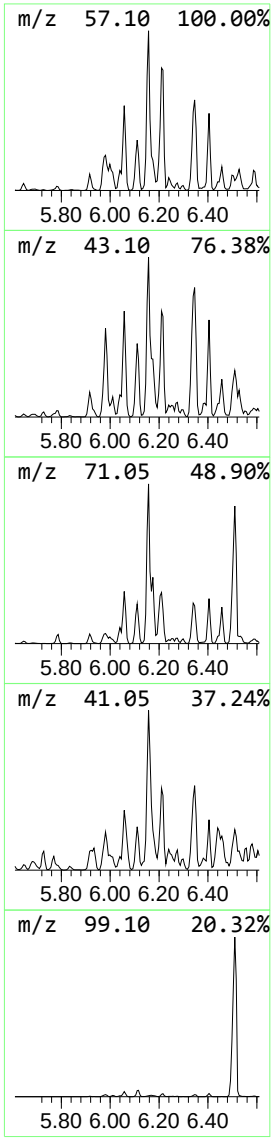
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Dodecane, 2,7,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.110	8.29 ng	1149030	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
2	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	53
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	50
5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	50





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Operator : JU/CG
Sample : M3733-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-UST-02-(7-10)

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

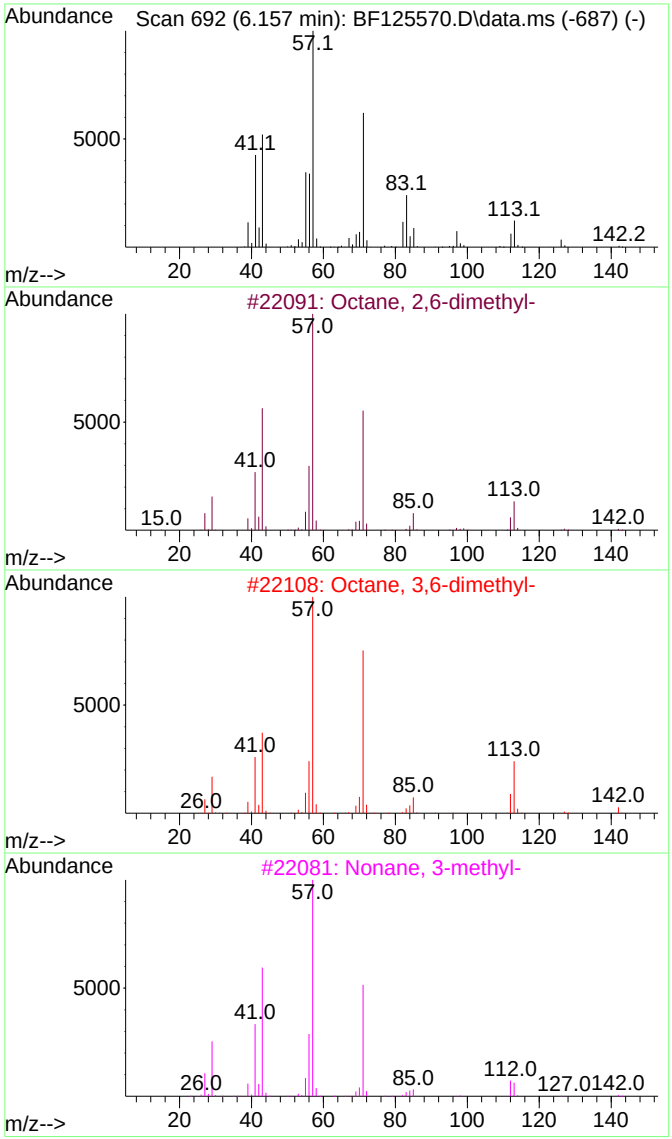
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

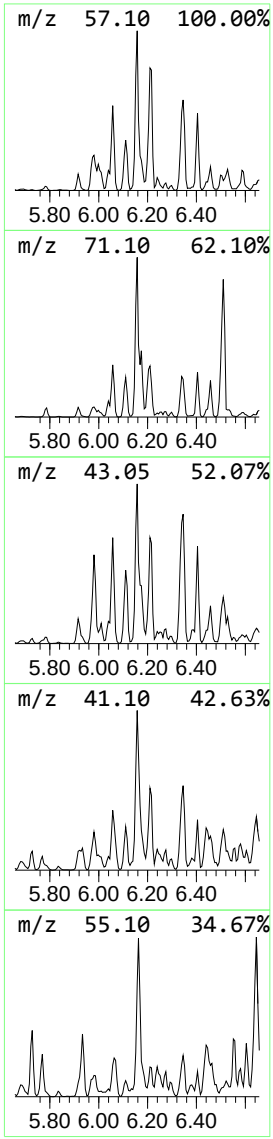
****

Peak Number 6 Octane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.157	39.82 ng	5521050	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	76
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	76
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	62
4	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	50
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	50





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Acq On : 22 Sep 2021 21:13
Operator : JU/CG
Sample : M3733-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-UST-02-(7-10)

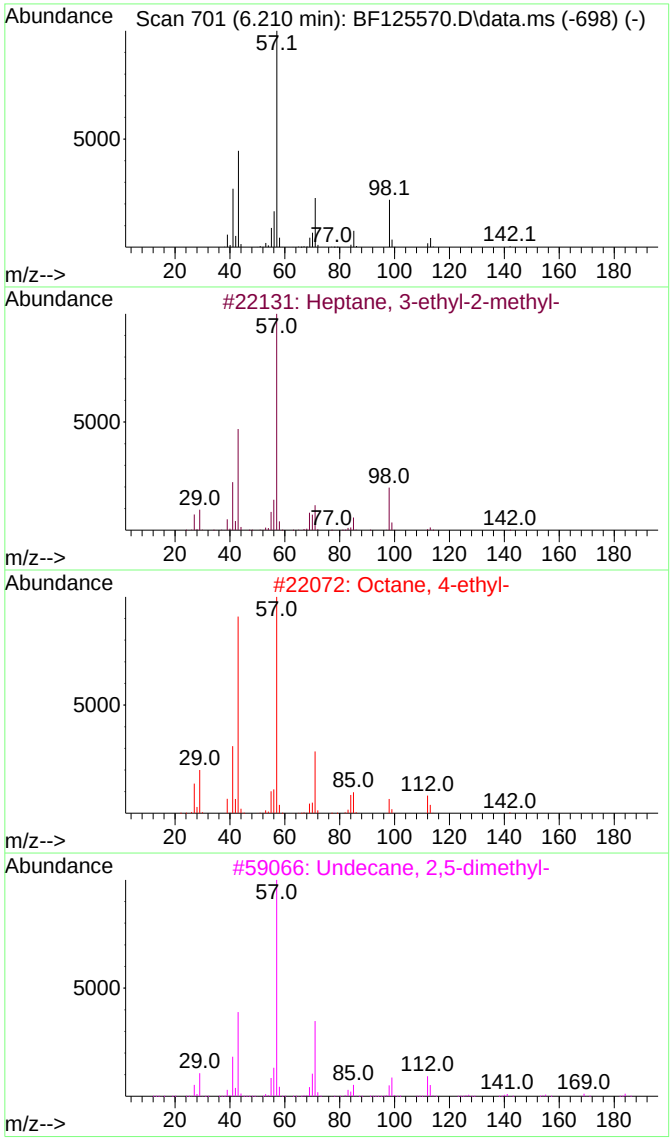
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

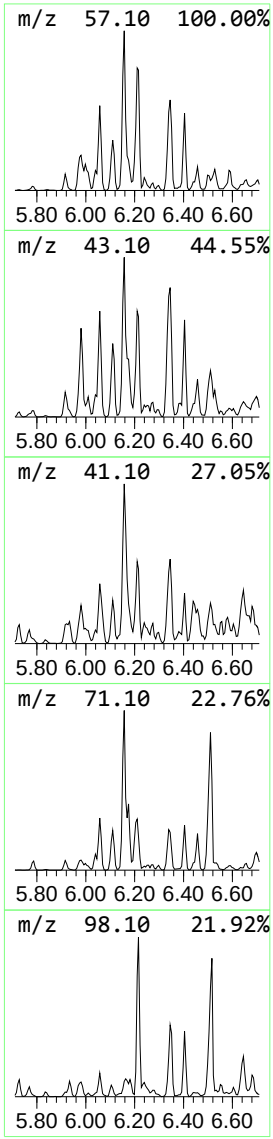
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Heptane, 3-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.210	16.08 ng	2230170	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	64
2	Octane, 4-ethyl-	142	C10H22	015869-86-0	58
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	53
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	53
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	50





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Operator : JU/CG
Sample : M3733-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-UST-02-(7-10)

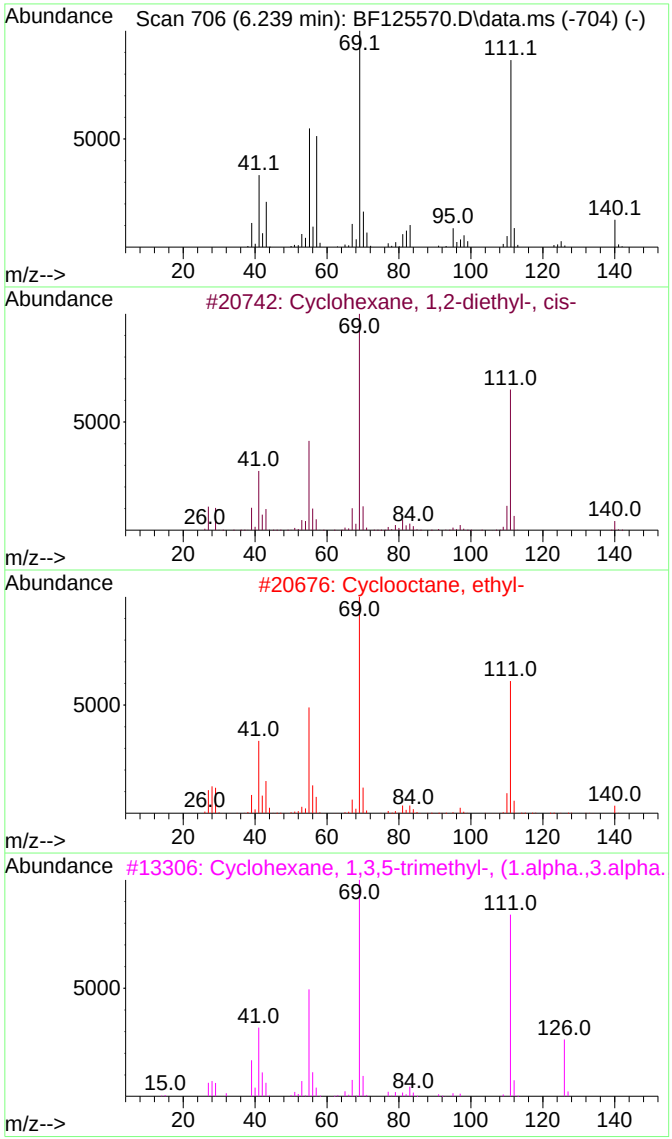
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

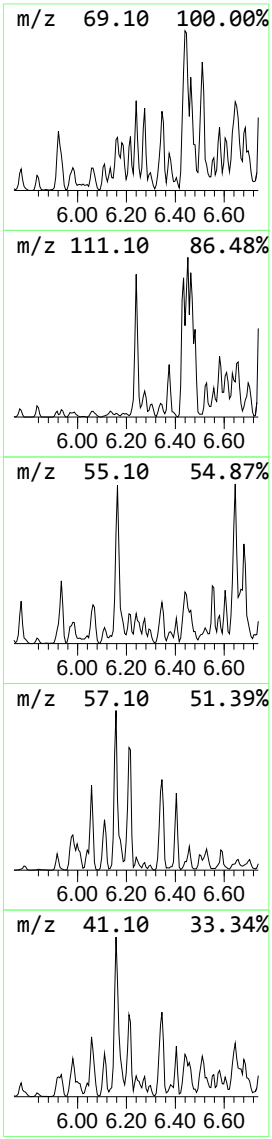
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclohexane, 1,2-diethyl-, ... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.239	7.40 ng	1026560	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-diethyl-, cis-	140	C10H20	000824-43-1	86
2	Cyclooctane, ethyl-	140	C10H20	013152-02-8	86
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72
4	3-Isopropyl-5-methyl-hex-4-en-2-one	154	C10H18O	077142-85-9	64
5	2-(Butyliden-2-one)tetrahydrofuran	140	C8H12O2	343270-50-8	64





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Operator : JU/CG
Sample : M3733-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-UST-02-(7-10)

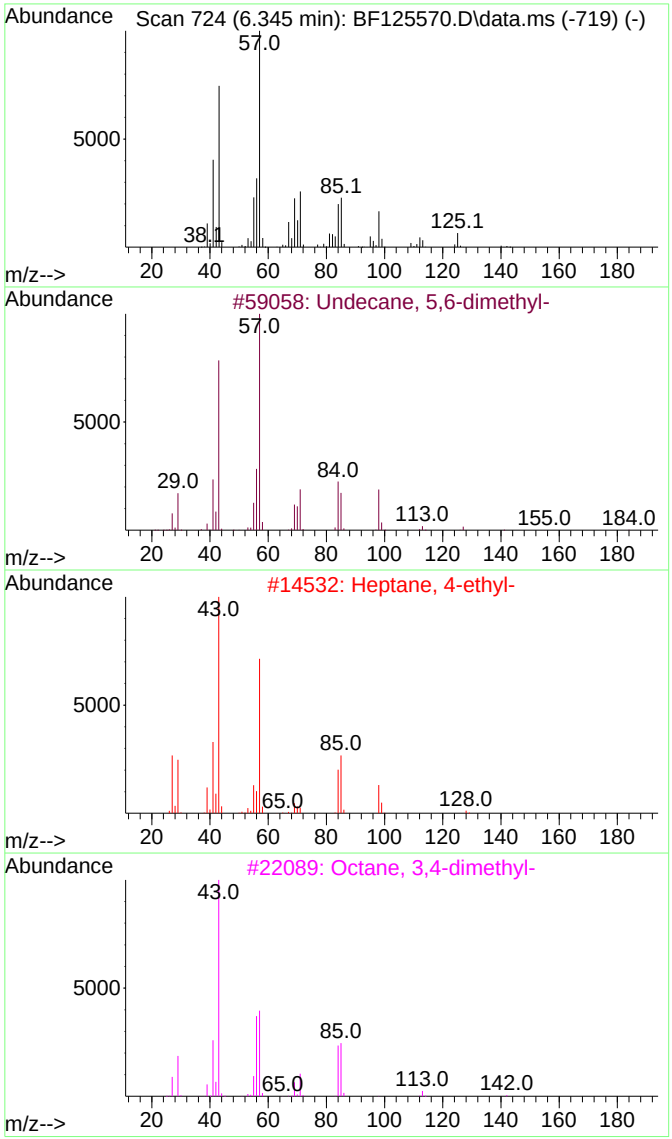
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

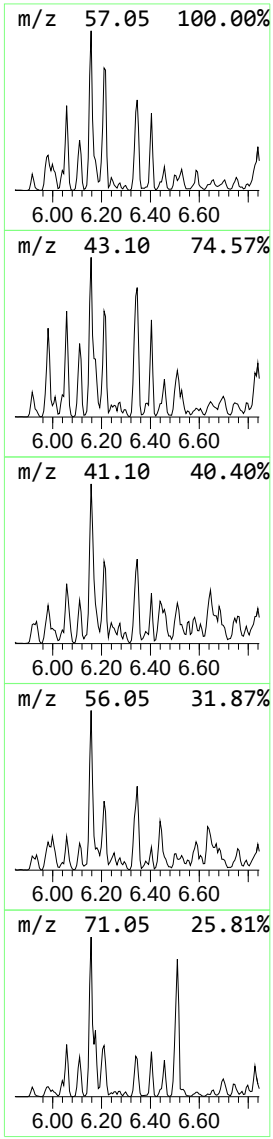
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Undecane, 5,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.345	21.46 ng	2975090	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	72
2	Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
3	Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	43
4	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	43
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	43





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Operator : JU/CG
Sample : M3733-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-UST-02-(7-10)

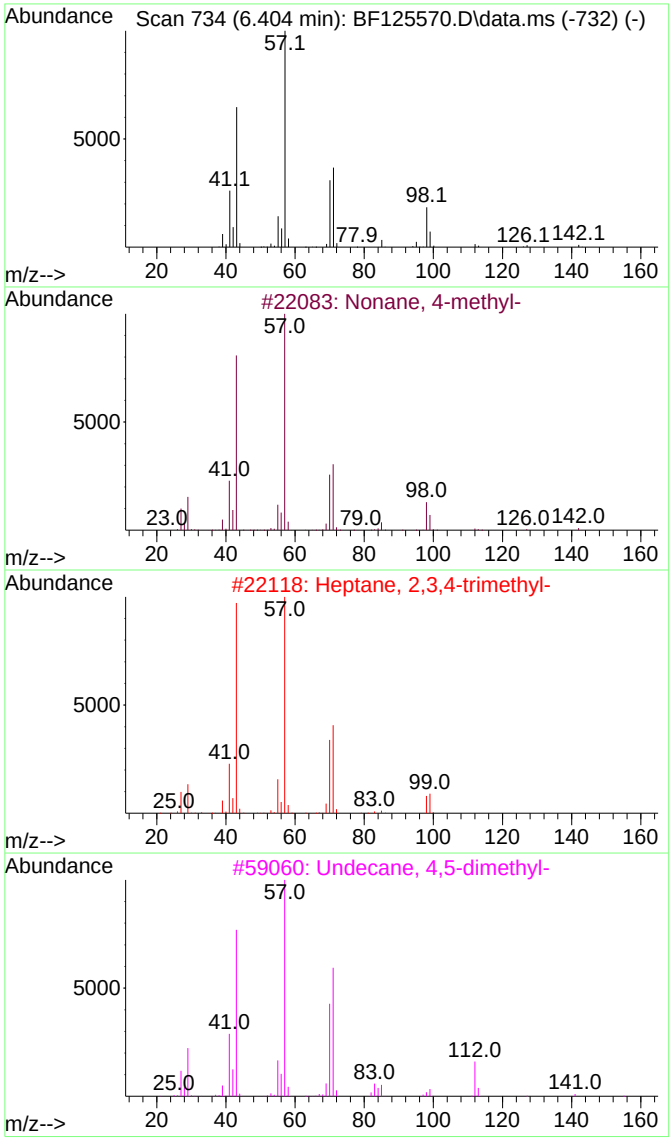
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

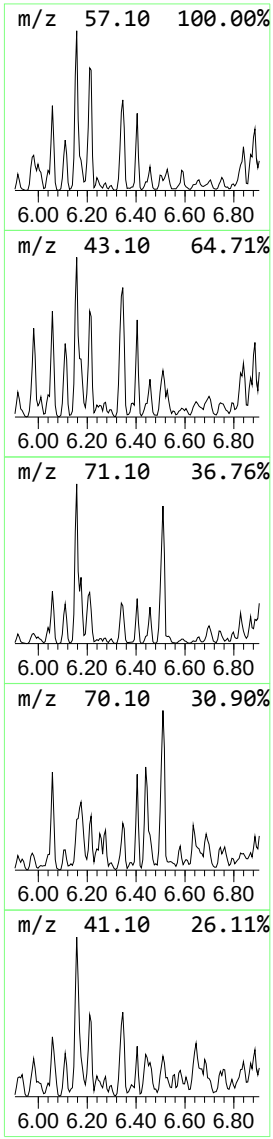
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Nonane, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.404	7.59 ng	1051780	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	87
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
3	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	59
4	Heptane, 3-ethyl-	128	C9H20	015869-80-4	53
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50





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Sample : M3733-04
Misc :
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ClientSampleId :
SUP-UST-02-(7-10)

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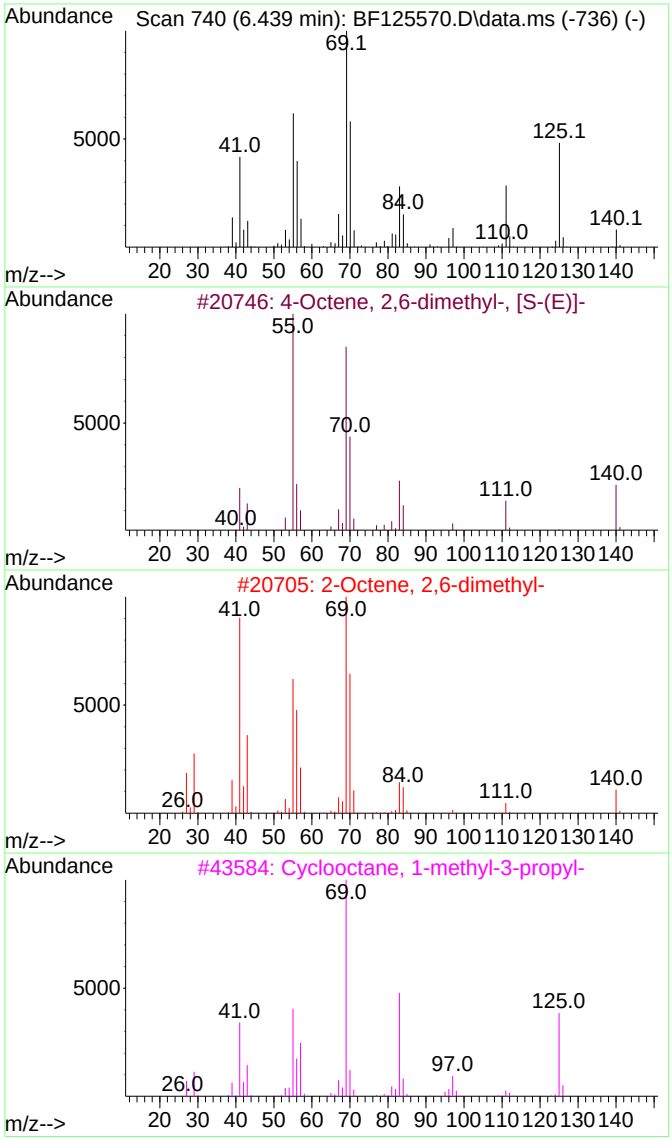
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

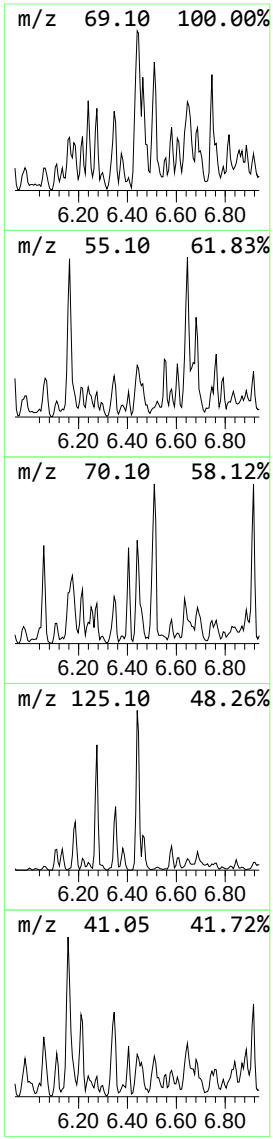
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4-Octene, 2,6-dimethyl-, [S... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.439	20.32 ng	2817720	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	64
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	62
3	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	50
4	2-Methyl-2-octene	126	C9H18	016993-86-5	46
5	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	46





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Sample : M3733-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SUP-UST-02-(7-10)

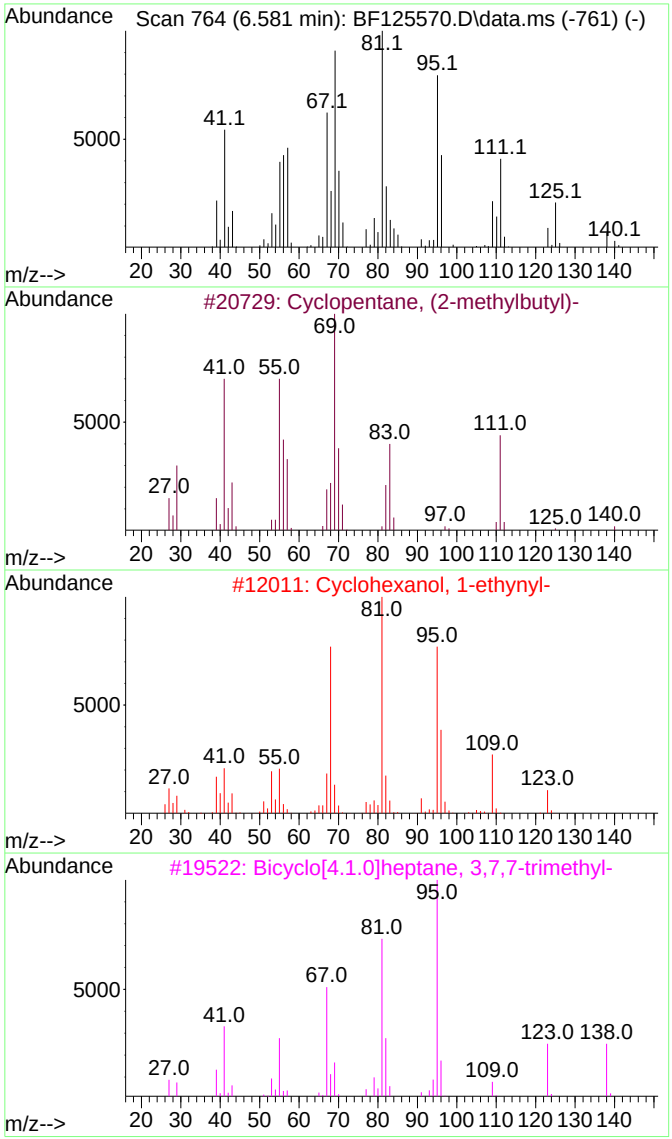
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

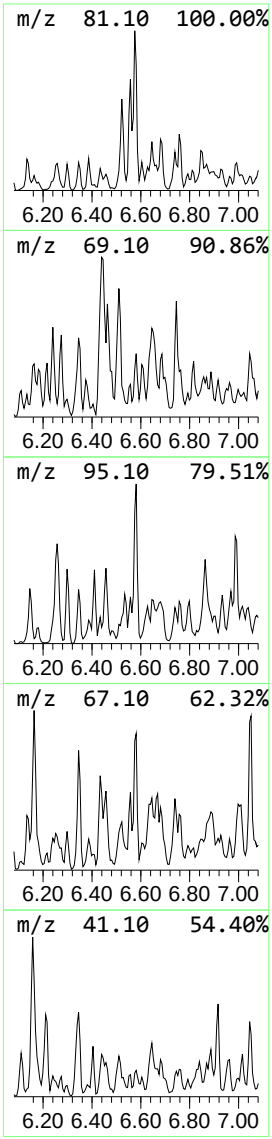
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopentane, (2-methylbutyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.581	8.43 ng	1169420	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	51
2	Cyclohexanol, 1-ethynyl-	124	C8H12O	000078-27-3	49
3	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	45
4	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	45
5	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	002778-68-9	43





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Sample : M3733-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-UST-02-(7-10)

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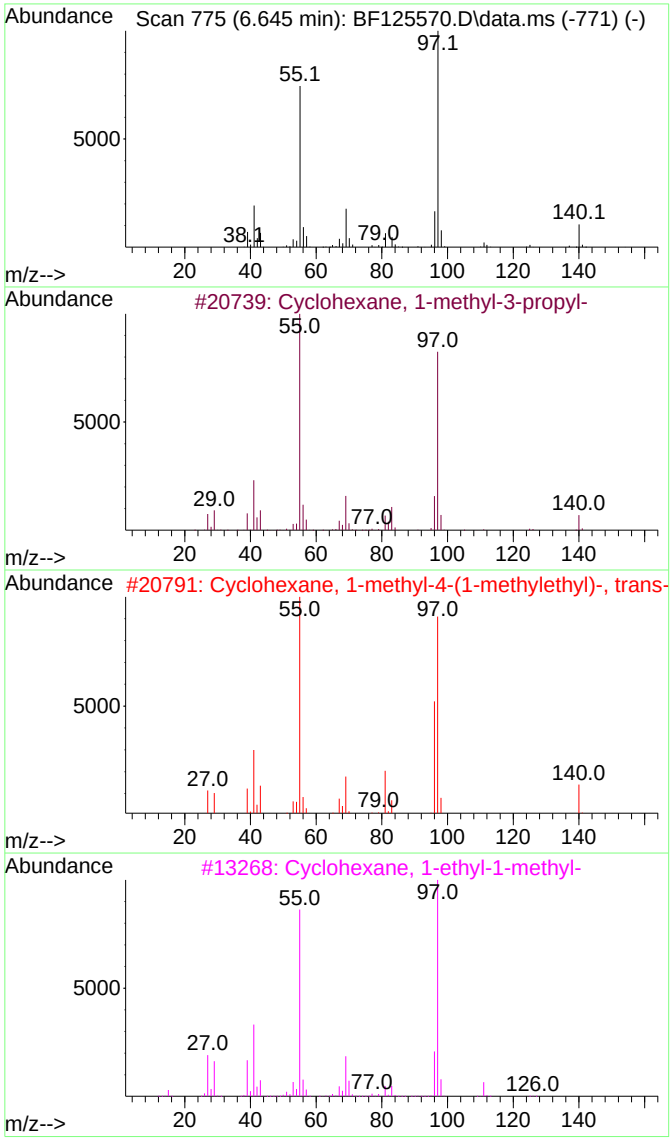
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

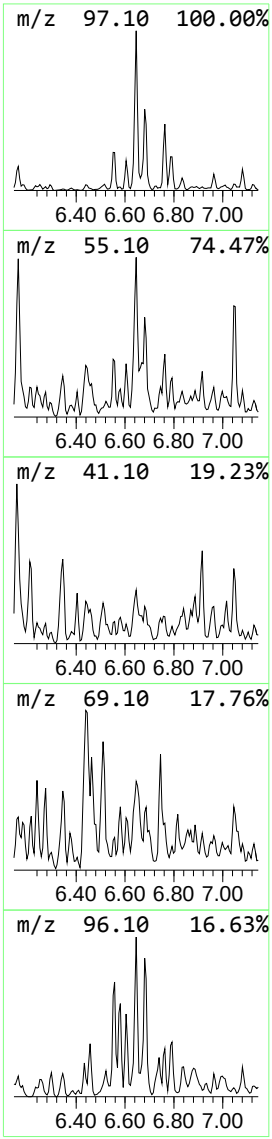
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclohexane, 1-methyl-3-pro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.645	24.54 ng	3402600	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	001678-82-6	86
3	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	80
4	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	80
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72





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Sample : M3733-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-02-(7-10)

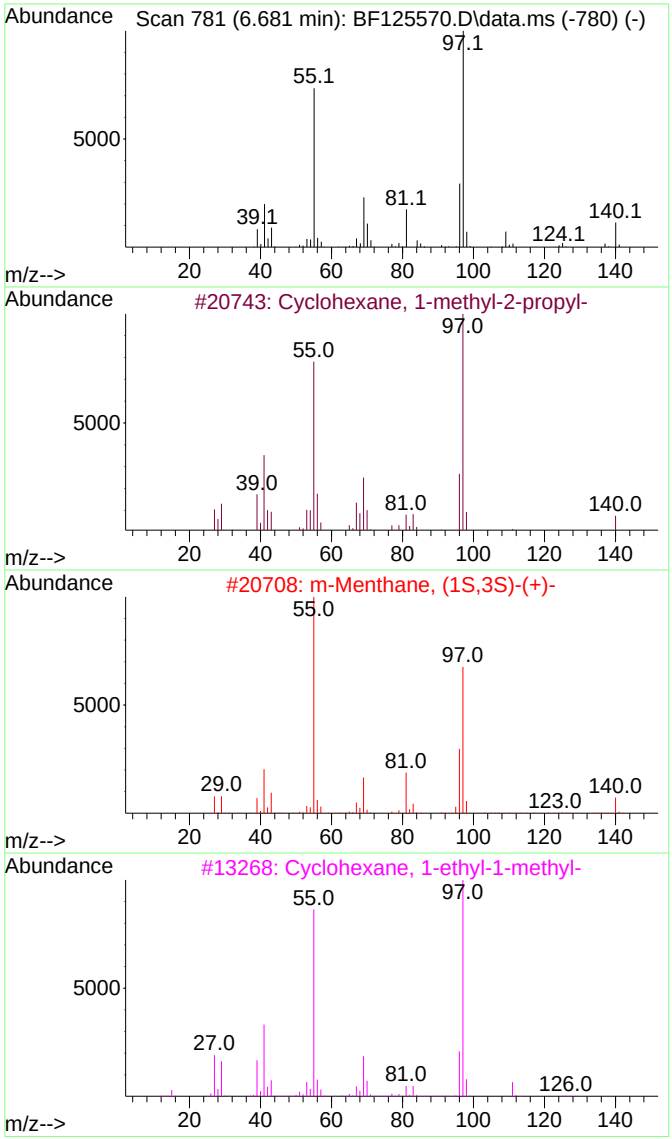
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

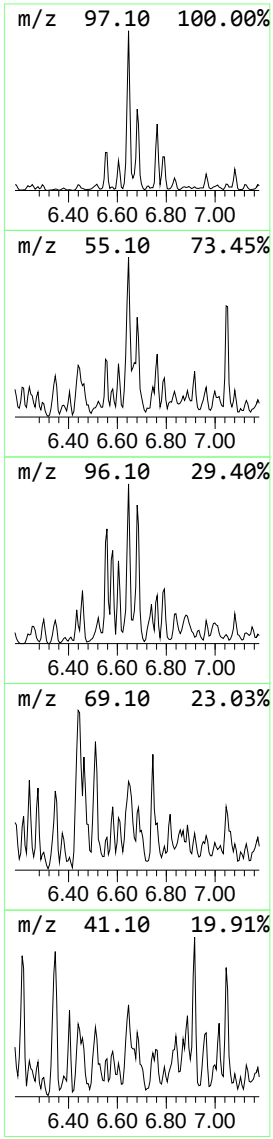
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclohexane, 1-methyl-2-pro... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.681	11.75 ng	1628780	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	80
2	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	78
3	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64
4	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	64
5	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	64





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Sample : M3733-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SUP-UST-02-(7-10)

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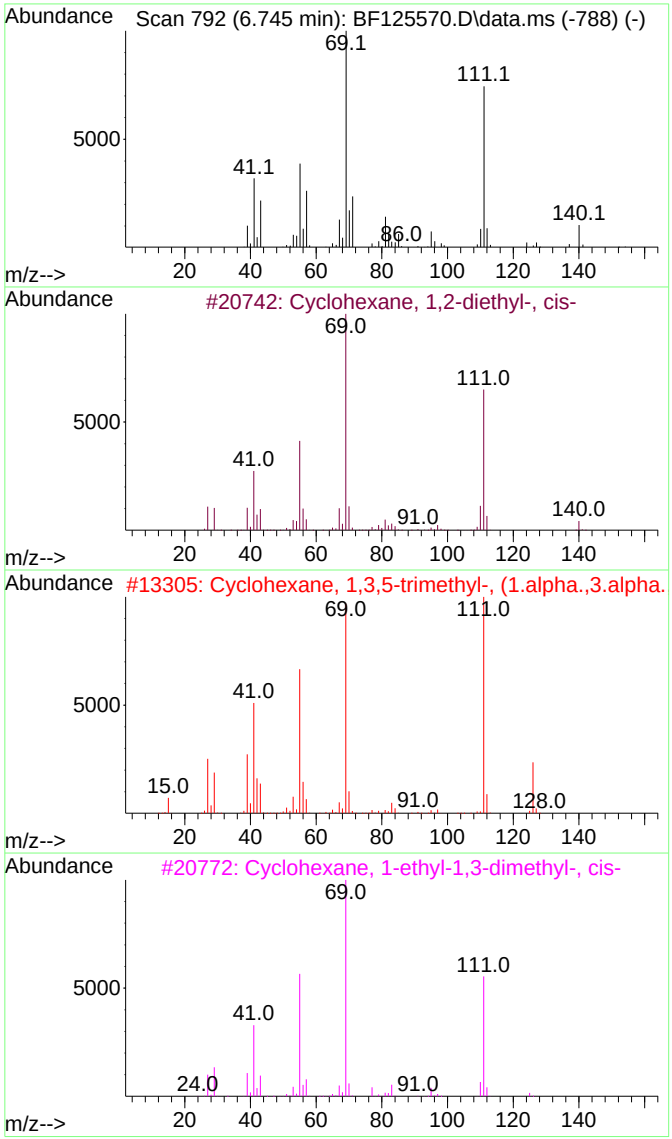
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

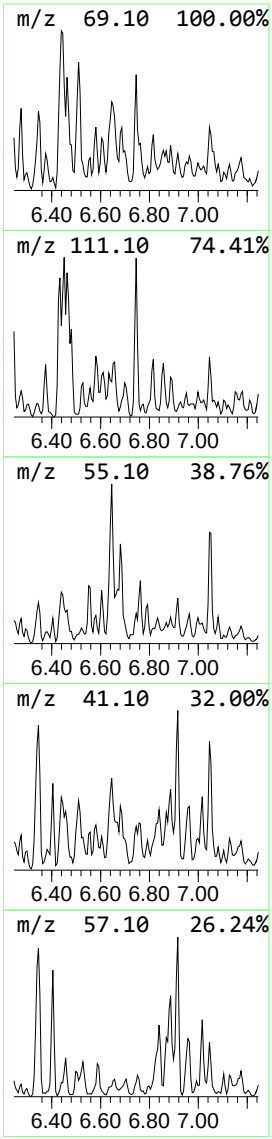
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclohexane, 1,3,5-trimethy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.745	6.57 ng	910629	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-diethyl-, cis-	140	C10H20	000824-43-1	64
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	59
3	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-31-7	59
4	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	59
5	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	59





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Operator : JU/CG
Sample : M3733-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-02-(7-10)

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

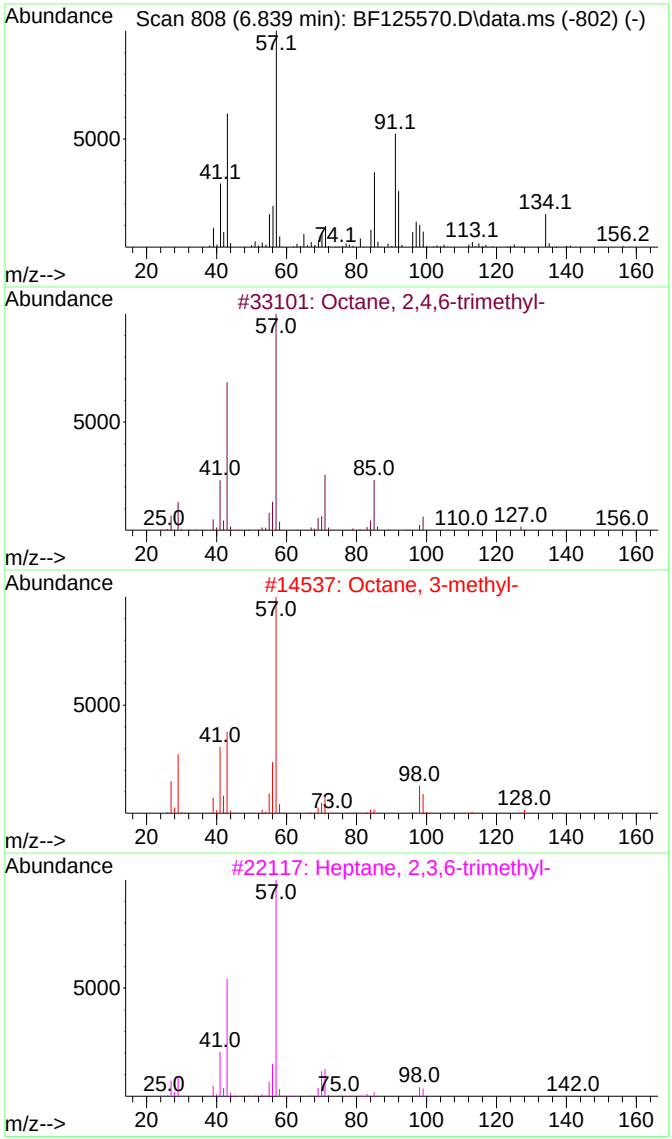
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

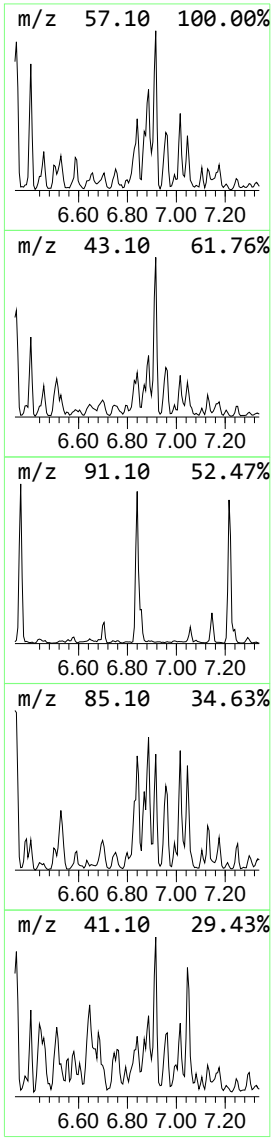
****

Peak Number 16 unknown6.839 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.839	15.28 ng	2119340	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	38
2	Octane, 3-methyl-	128	C9H20	002216-33-3	35
3	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	35
4	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	35
5	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	27





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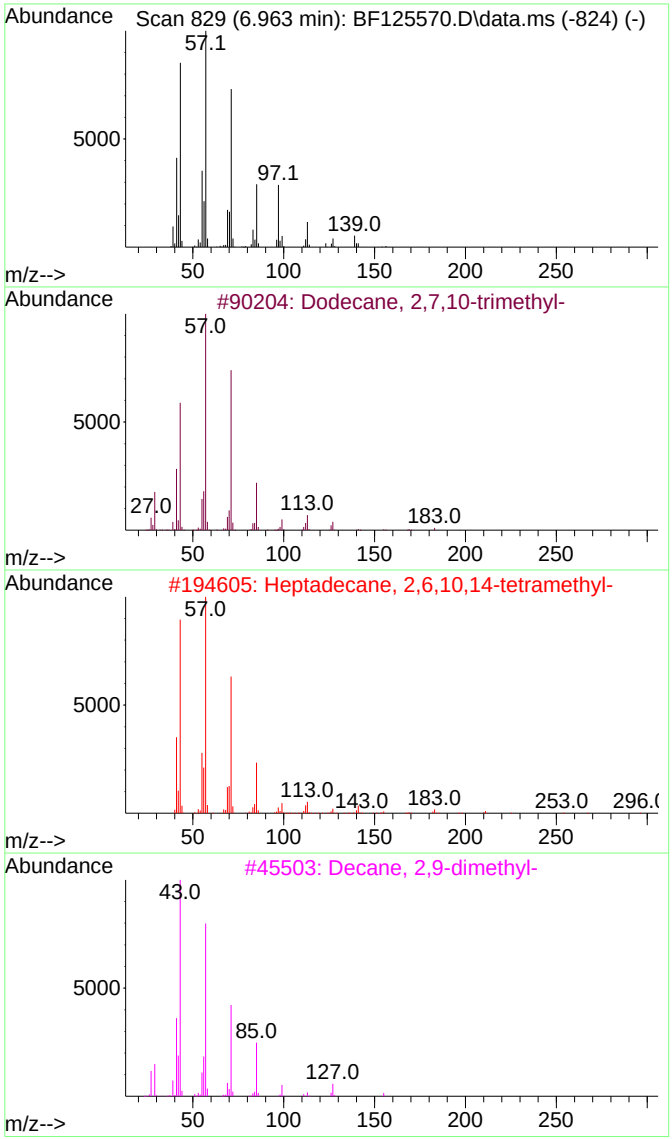
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

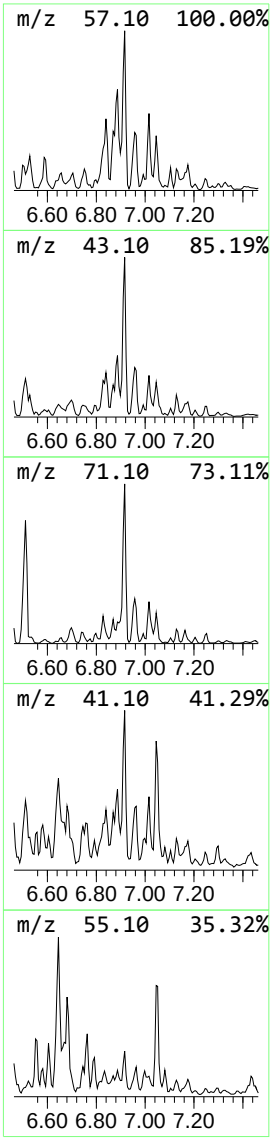
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Heptadecane, 2,6,10,14-tetr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.963	11.54 ng	1600030	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
2	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
3	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	53
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	50
5	Decane, 2-methyl-	156	C11H24	006975-98-0	49





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Data File : BF125570.D
Acq On : 22 Sep 2021 21:13
Operator : JU/CG
Sample : M3733-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-UST-02-(7-10)

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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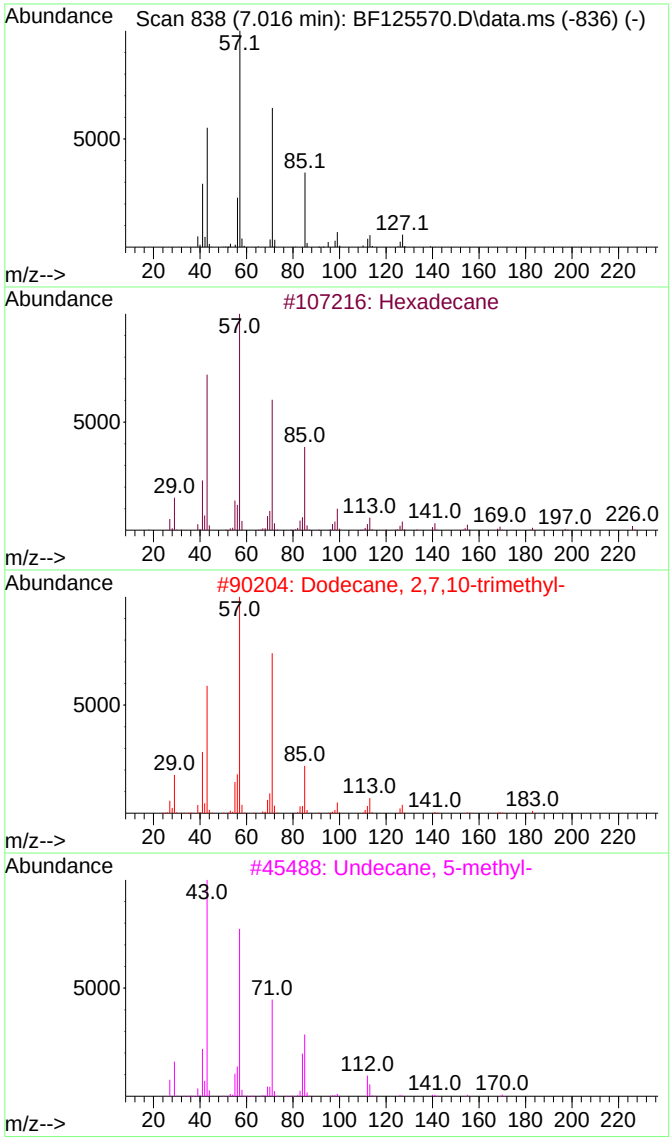
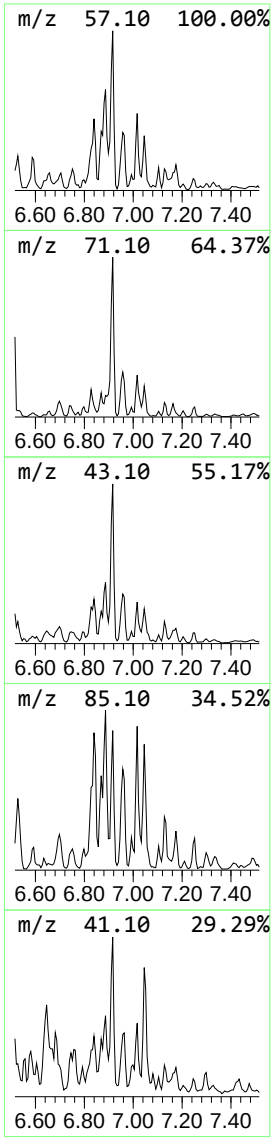
Peak Number 18 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.016	8.80 ng	1220880	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
4	Pentadecane	212	C15H32	000629-62-9	64
5	Eicosane	282	C20H42	000112-95-8	64





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Data File : BF125570.D
Acq On : 22 Sep 2021 21:13
Operator : JU/CG
Sample : M3733-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-UST-02-(7-10)

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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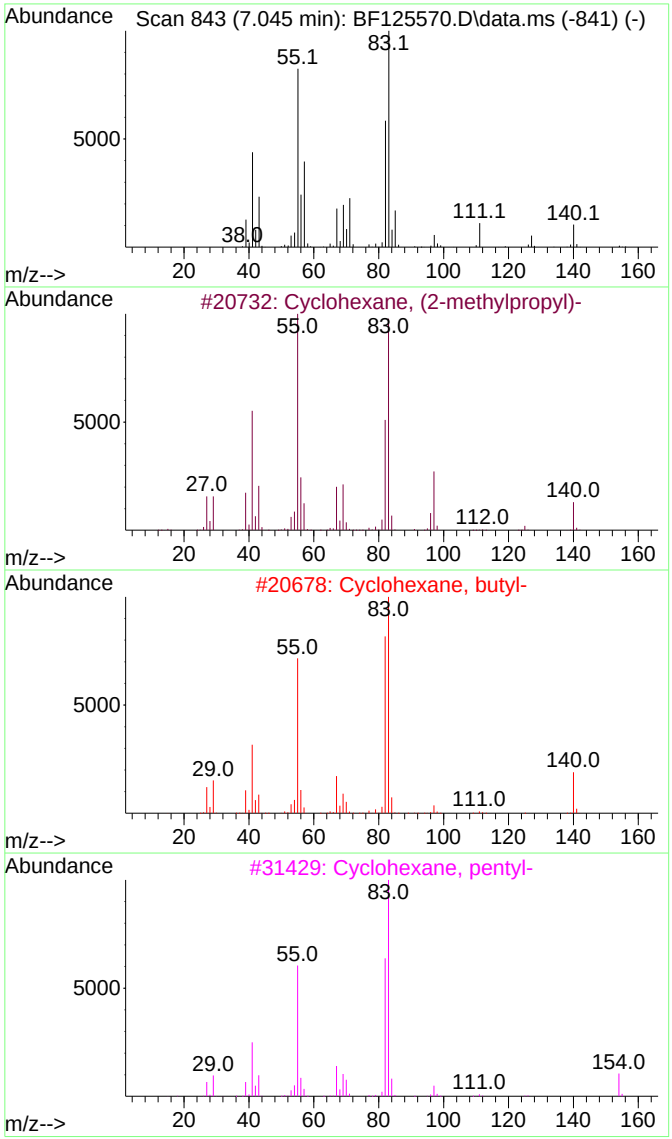
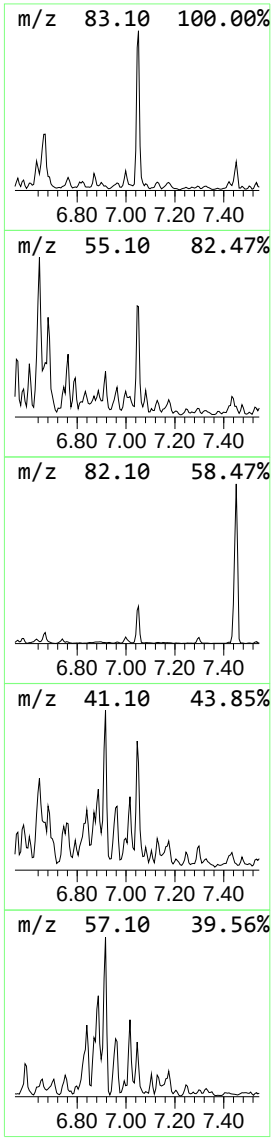
Peak Number 19 Cyclohexane, (2-methylpropyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.045	16.62 ng	2304290	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	76
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	70
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	53
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125570.D
Acq On : 22 Sep 2021 21:13
Operator : JU/CG
Sample : M3733-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-02-(7-10)

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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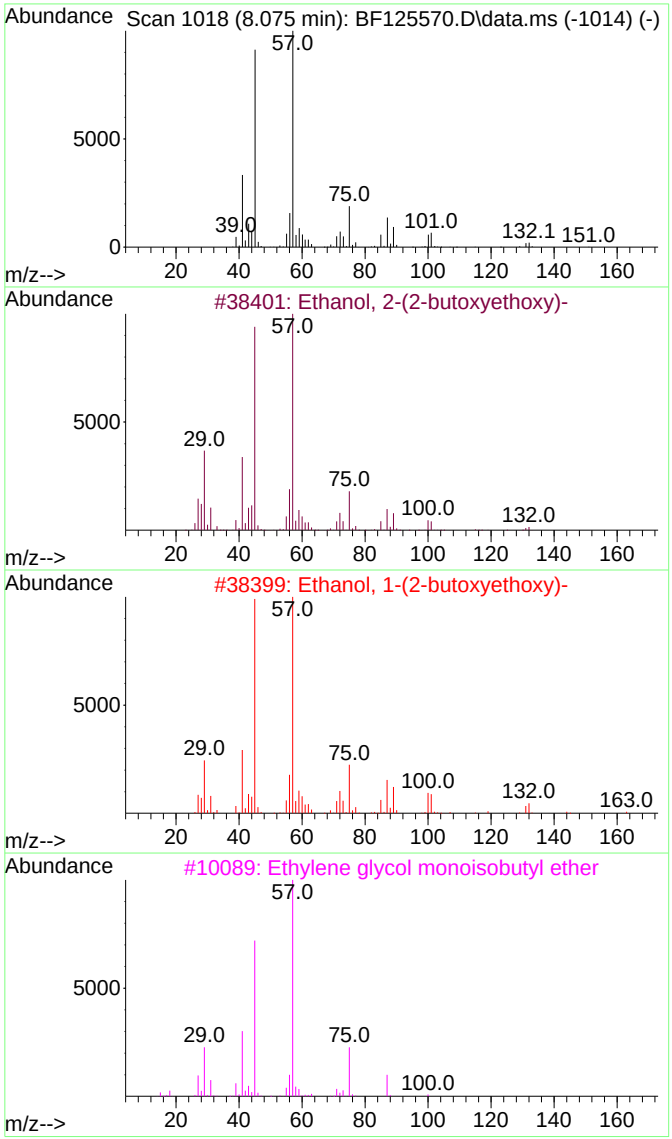
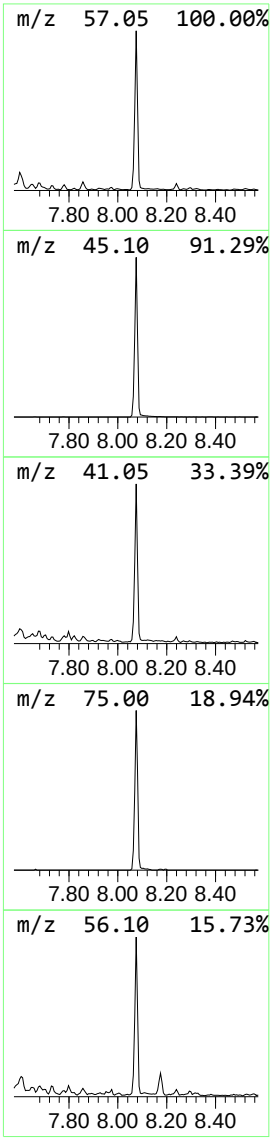
Peak Number 20 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.075	15.34 ng	1252180	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125570.D
Acq On : 22 Sep 2021 21:13
Operator : JU/CG
Sample : M3733-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-02-(7-10)

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
Butane, 2-metho...	2.193	13.7	ng	1894390	1	6.898	2773170	20.0
1-Ethyl-4-methy...	5.934	8.8	ng	1219760	1	6.898	2773170	20.0
Hexan-2-yl isob...	5.981	10.2	ng	1408320	1	6.898	2773170	20.0
Octane, 2,5-dim...	6.057	14.1	ng	1950040	1	6.898	2773170	20.0
Dodecane, 2,7,1...	6.110	8.3	ng	1149030	1	6.898	2773170	20.0
Octane, 2,6-dim...	6.157	39.8	ng	5521050	1	6.898	2773170	20.0
Heptane, 3-ethy...	6.210	16.1	ng	2230170	1	6.898	2773170	20.0
Cyclohexane, 1,...	6.239	7.4	ng	1026560	1	6.898	2773170	20.0
Undecane, 5,6-d...	6.345	21.5	ng	2975090	1	6.898	2773170	20.0
Nonane, 4-methyl-	6.404	7.6	ng	1051780	1	6.898	2773170	20.0
4-Octene, 2,6-d...	6.439	20.3	ng	2817720	1	6.898	2773170	20.0
Cyclopentane, (...	6.581	8.4	ng	1169420	1	6.898	2773170	20.0
Cyclohexane, 1-...	6.645	24.5	ng	3402600	1	6.898	2773170	20.0
Cyclohexane, 1-...	6.681	11.8	ng	1628780	1	6.898	2773170	20.0
Cyclohexane, 1,...	6.745	6.6	ng	910629	1	6.898	2773170	20.0
unknown6.839	6.839	15.3	ng	2119340	1	6.898	2773170	20.0
Heptadecane, 2,...	6.963	11.5	ng	1600030	1	6.898	2773170	20.0
Hexadecane	7.016	8.8	ng	1220880	1	6.898	2773170	20.0
Cyclohexane, (2...	7.045	16.6	ng	2304290	1	6.898	2773170	20.0
Ethanol, 2-(2-b...	8.075	15.3	ng	1252180	2	8.175	1632780	20.0