LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
Data File : BF125693.D
Acq On : 28 Sep 2021 17:28
Operator : JU/CG
Sample : M3961-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUB-SLAB-09(8.5-9)

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-BF092421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125693.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.187	8	17	30	rVB	1215383	1625890	28.23%	2.560%
2	5.116	506	515	522	rBV	99776	134271	2.33%	0.211%
3	5.504	576	581	584	rBV	4743761	4752239	82.52%	7.482%
4	5.910	646	650	656	rVB3	81776	94808	1.65%	0.149%
5	5.969	656	660	662	rBV	109034	127226	2.21%	0.200%
6	6.045	671	673	678	rVB	213081	178356	3.10%	0.281%
7	6.098	678	682	685	rBV	213120	220673	3.83%	0.347%
8	6.145	685	690	696	rVV	537225	752107	13.06%	1.184%
9	6.198	696	699	702	rVV	474805	473784	8.23%	0.746%
10	6.228	702	704	708	rVV2	211056	226249	3.93%	0.356%
11	6.263	708	710	712	rVV	110514	85030	1.48%	0.134%
12	6.287	712	714	717	rVB2	91296	76653	1.33%	0.121%
13	6.334	717	722	725	rBV	575847	687794	11.94%	1.083%
14	6.375	725	729	730	rVV3	322836	308680	5.36%	0.486%
15	6.393	730	732	735	rVB	947263	689753	11.98%	1.086%
16	6.428	735	738	744	rBV3	589420	939715	16.32%	1.480%
17	6.510	744	752	756	rVV	4386006	5526457	95.97%	8.701%
18	6.545	756	758	760	rVV	229376	199872	3.47%	0.315%
19	6.569	760	762	765	rVV3	329128	411014	7.14%	0.647%
20	6.593	765	766	769	rVV2	191306	187876	3.26%	0.296%
21	6.640	769	774	778	rVV2	572916	1133421	19.68%	1.785%
22	6.675	778	780	785	rVV4	485904	666147	11.57%	1.049%
23	6.734	787	790	791	rVV	356044	322659	5.60%	0.508%
24	6.751	791	793	796	rVV2	401000	379076	6.58%	0.597%
25	6.787	796	799	800	rVV2	239666	250413	4.35%	0.394%
26	6.816	800	804	805	rVV4	557364	649220	11.27%	1.022%
27	6.857	809	811	812	rVV2	743821	653114	11.34%	1.028%
28	6.887	812	816	817	rVV2	1933784	2319854	40.29%	3.653%
29	6.904	817	819	822	rVV	2580428	2027745	35.21%	3.193%
30	6.951	822	827	830	rVV2	963839	1272593	22.10%	2.004%
31	6.987	830	833	834	rVV2	426476	478477	8.31%	0.753%
32	7.004	834	836	839	rVV	1051342	1110275	19.28%	1.748%
33	7.040	839	842	846	rVV	1270431	1487124	25.82%	2.341%
34	7.075	846	848	850	rVV	322639	296574	5.15%	0.467%
35	7.092	850	851	853	rVV	258009	190569	3.31%	0.300%
36	7.122	853	856	858	rVV2	573606	571671	9.93%	0.900%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
Data File : BF125693.D
Acq On : 28 Sep 2021 17:28
Operator : JU/CG
Sample : M3961-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUB-SLAB-09(8.5-9)

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-BF092421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.163	858	863	866	rVV2	916205	1134545	19.70%	1.786%
38	7.192	866	868	872	rVV	580574	483114	8.39%	0.761%
39	7.240	872	876	878	rVV2	322708	389021	6.76%	0.613%
40	7.287	878	884	886	rVV4	409326	605251	10.51%	0.953%
41	7.316	886	889	896	rVB6	255274	422459	7.34%	0.665%
42	7.369	896	898	900	rBV2	65366	65171	1.13%	0.103%
43	7.445	906	911	913	rVB	3377219	3061882	53.17%	4.821%
44	7.469	913	915	917	rVB	130187	91944	1.60%	0.145%
45	7.539	922	927	929	rVB5	311086	489982	8.51%	0.771%
46	7.592	929	936	940	rBV2	268586	515519	8.95%	0.812%
47	7.639	940	944	946	rVB3	137807	151050	2.62%	0.238%
48	7.669	946	949	952	rBV	277683	254898	4.43%	0.401%
49	7.692	952	953	956	rVB2	142808	90972	1.58%	0.143%
50	7.722	956	958	963	rVB	108281	88517	1.54%	0.139%
51	7.769	963	966	968	rBV	188770	182841	3.18%	0.288%
52	7.787	968	969	971	rVB	121013	73949	1.28%	0.116%
53	7.810	971	973	977	rVB4	170688	162232	2.82%	0.255%
54	7.851	977	980	983	rVB2	126569	141913	2.46%	0.223%
55	7.887	983	986	988	rVB2	83096	64015	1.11%	0.101%
56	7.916	988	991	993	rBV3	48652	64265	1.12%	0.101%
57	7.963	996	999	1002	rBV3	65784	64875	1.13%	0.102%
58	8.063	1013	1016	1020	rBV	779178	688318	11.95%	1.084%
59	8.169	1030	1034	1037	rBV	1782758	1578754	27.42%	2.486%
60	8.228	1040	1044	1047	rVB	120327	126520	2.20%	0.199%
61	9.245	1212	1217	1220	rBV	6380462	5758553	100.00%	9.067%
62	9.922	1328	1332	1335	rBV	2163942	1733215	30.10%	2.729%
63	10.575	1438	1443	1448	rBV	63233	70773	1.23%	0.111%
64	10.710	1461	1466	1469	rBV	3698060	3401900	59.08%	5.356%
65	10.839	1484	1488	1491	rBV	109269	102190	1.77%	0.161%
66	11.304	1564	1567	1573	rVB	77258	76353	1.33%	0.120%
67	11.404	1580	1584	1588	rBV	2166428	1724593	29.95%	2.715%
68	11.927	1668	1673	1676	rBV	60908	66554	1.16%	0.105%
69	12.804	1818	1822	1826	rVB	76737	74197	1.29%	0.117%
70	12.992	1849	1854	1857	rBV	5860428	5395404	93.69%	8.495%
71	13.892	2001	2007	2009	rBV3	45155	70487	1.22%	0.111%
72	14.039	2026	2032	2036	rBV	1477931	1301879	22.61%	2.050%
73	15.515	2278	2283	2295	rVB	1001509	1237098	21.48%	1.948%

Sum of corrected areas: 63512582

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Acq On : 28 Sep 2021 17:28
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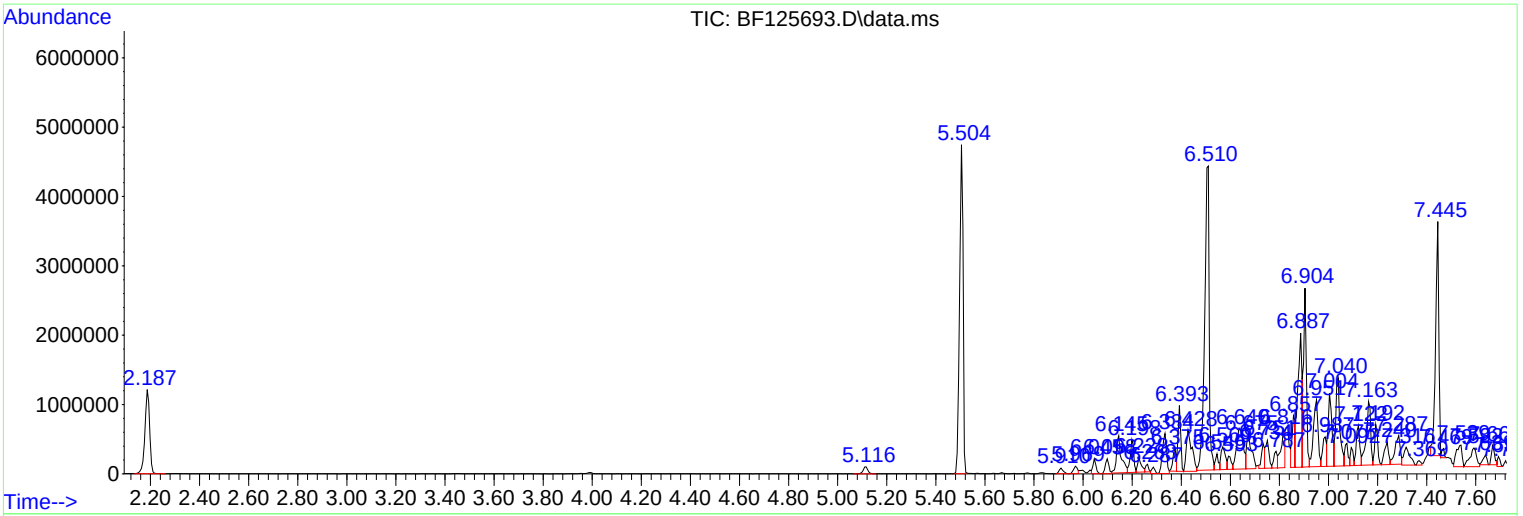
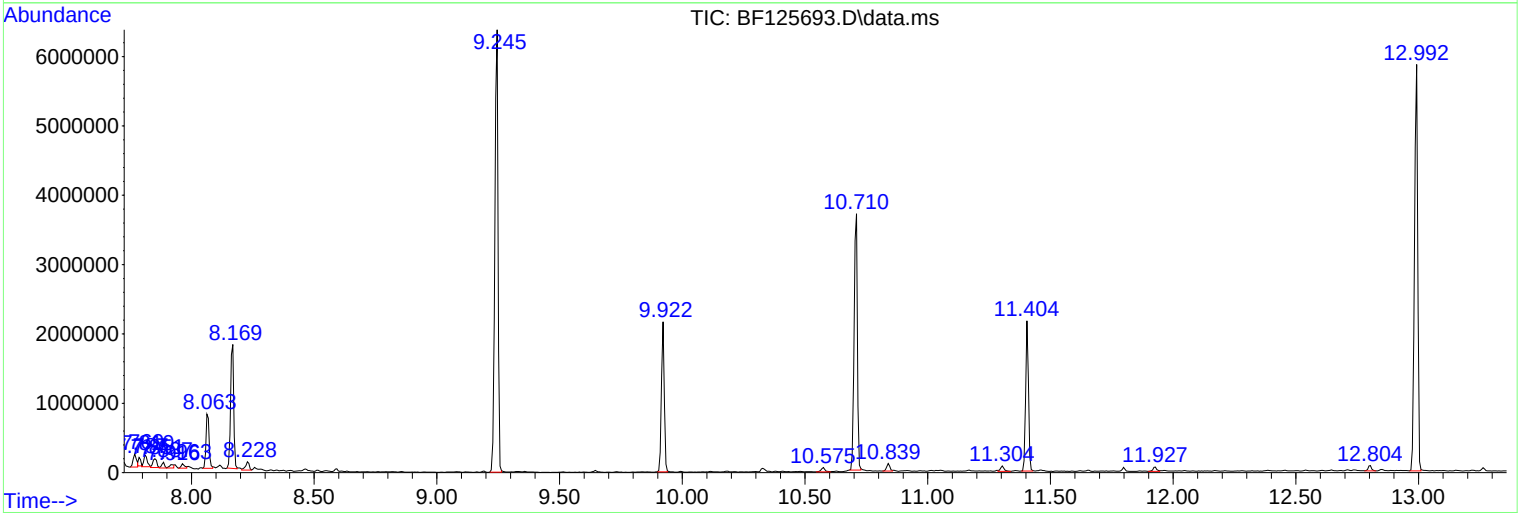
Sample : M3961-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

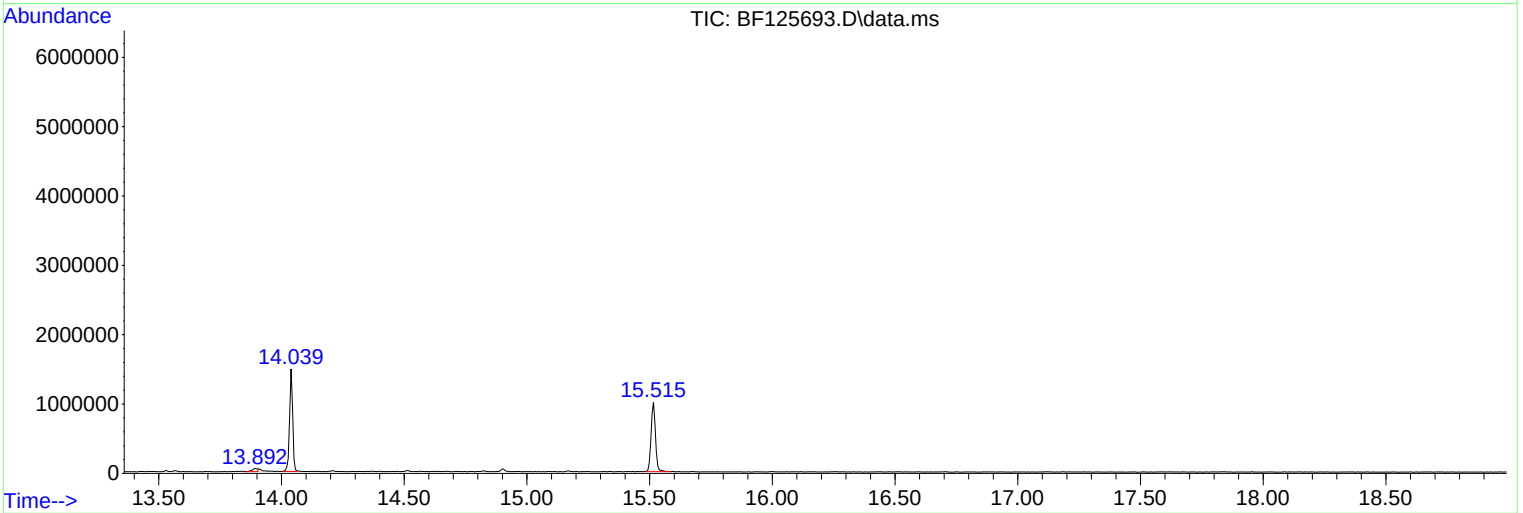
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(8.5-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.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\BF092821\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

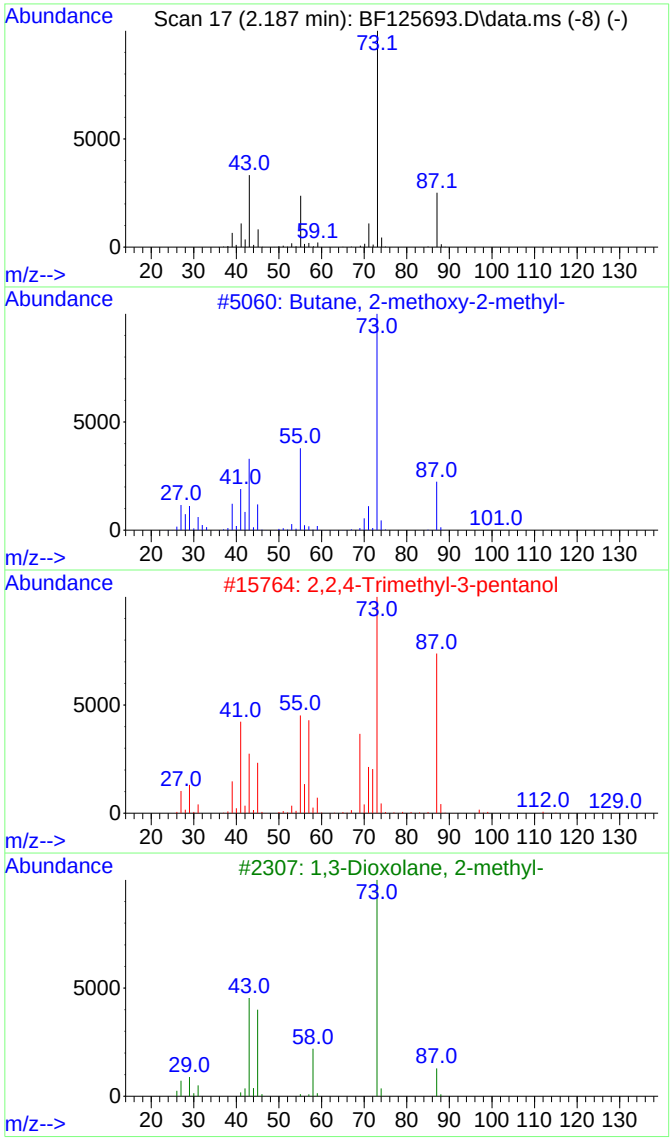
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

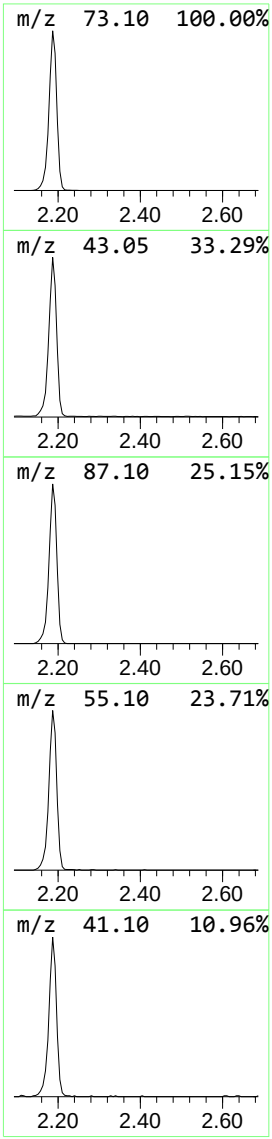
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.187	14.02 ng	1625890	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
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Acq On : 28 Sep 2021 17:28
Operator : JU/CG
Sample : M3961-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(8.5-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

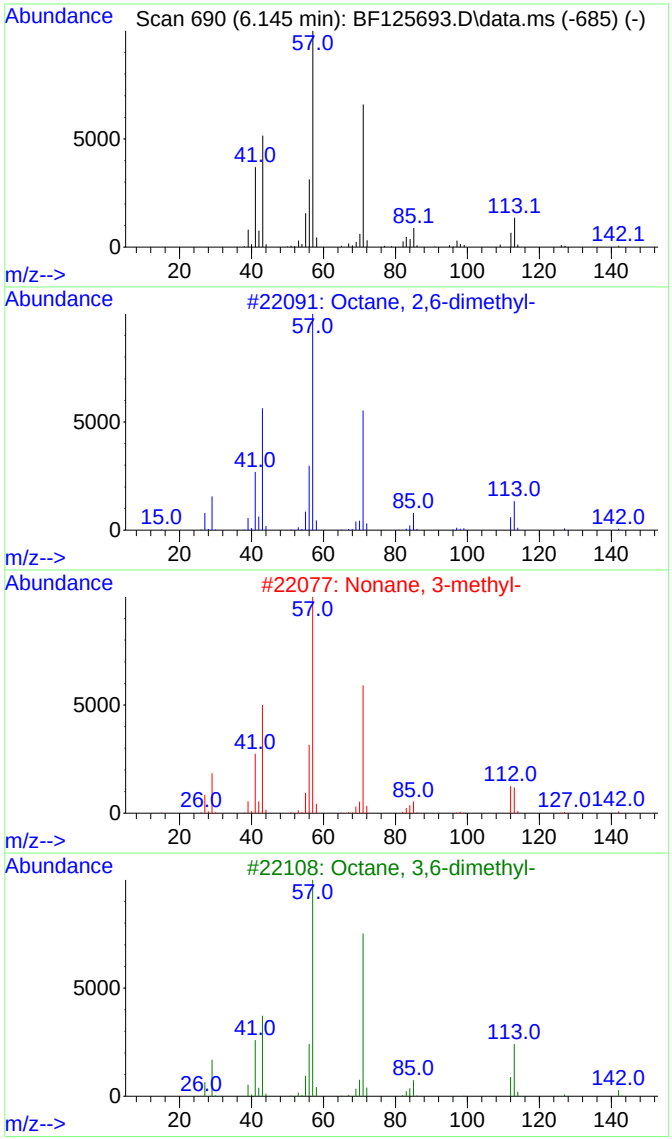
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

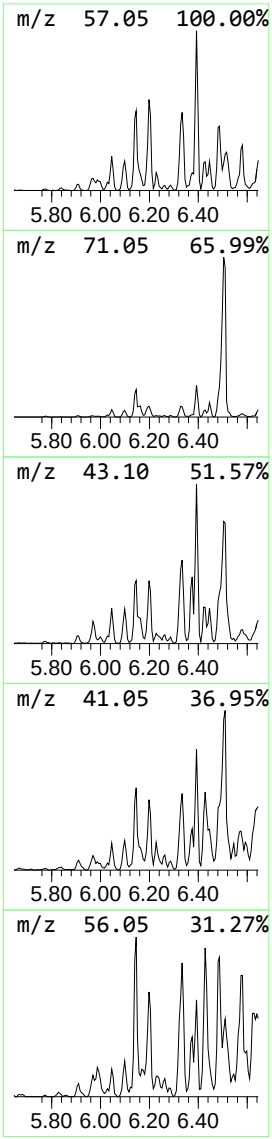
****

Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.145	6.48 ng	752107	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
Data File : BF125693.D
Acq On : 28 Sep 2021 17:28
Operator : JU/CG
Sample : M3961-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(8.5-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

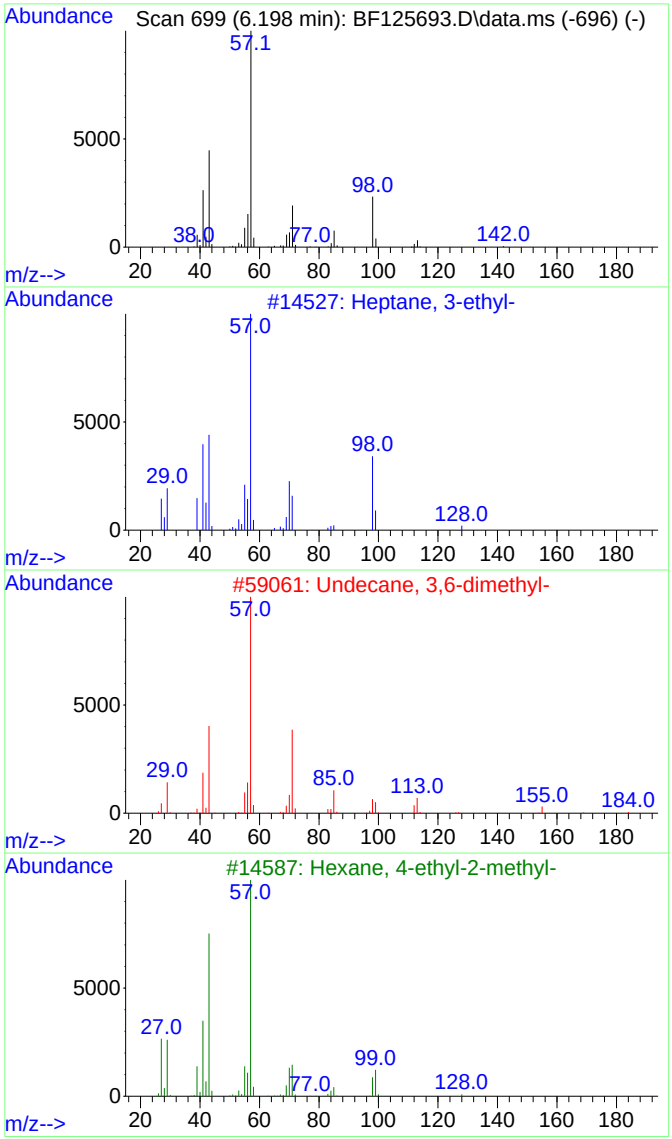
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

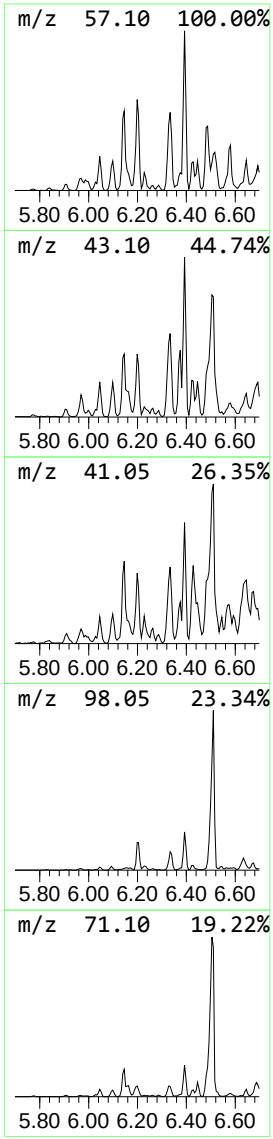
****

Peak Number 3 Heptane, 3-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.198	4.08 ng	473784	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-	128	C9H20	015869-80-4	64
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53
3	Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	53
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	47
5	5-Nonanol, trimethylacetate	228	C14H28O2	1000463-48-2	47





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Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(8.5-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

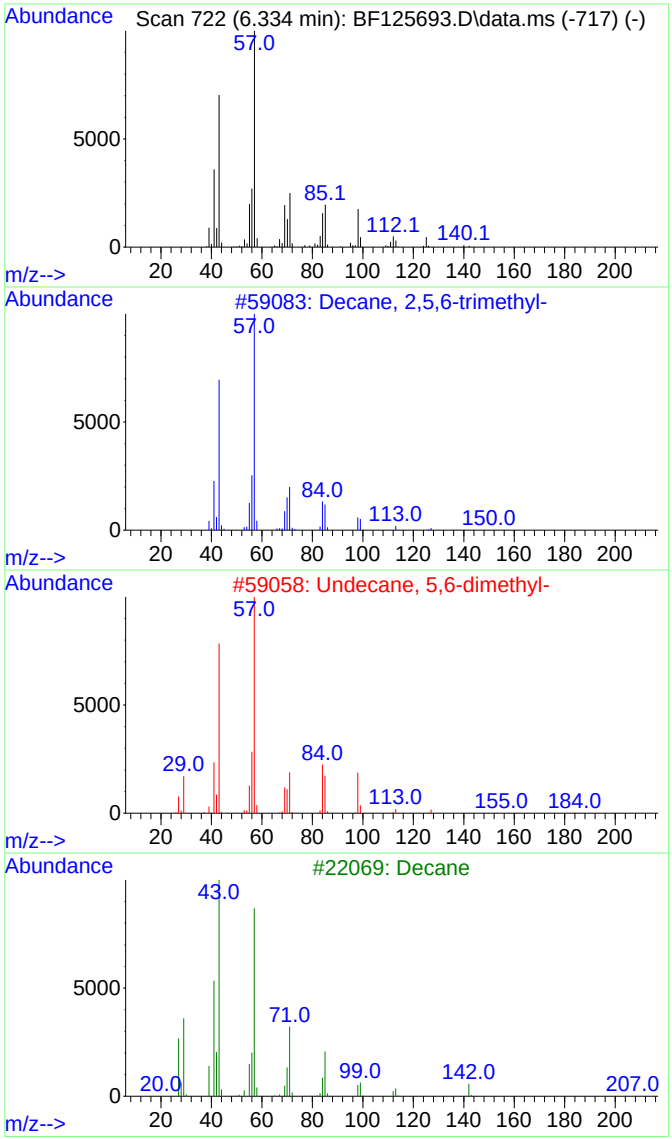
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

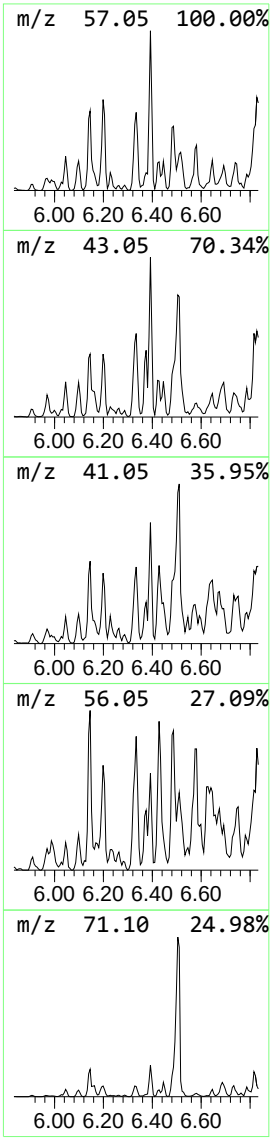
****

Peak Number 4 Decane, 2,5,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.334	5.93 ng	687794	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	72
2	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	59
3	Decane	142	C10H22	000124-18-5	53
4	Decane, 5-methyl-	156	C11H24	013151-35-4	50
5	2-Methyl-1-hexanol	116	C7H16O	1000427-67-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
Data File : BF125693.D
Acq On : 28 Sep 2021 17:28
Operator : JU/CG
Sample : M3961-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(8.5-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

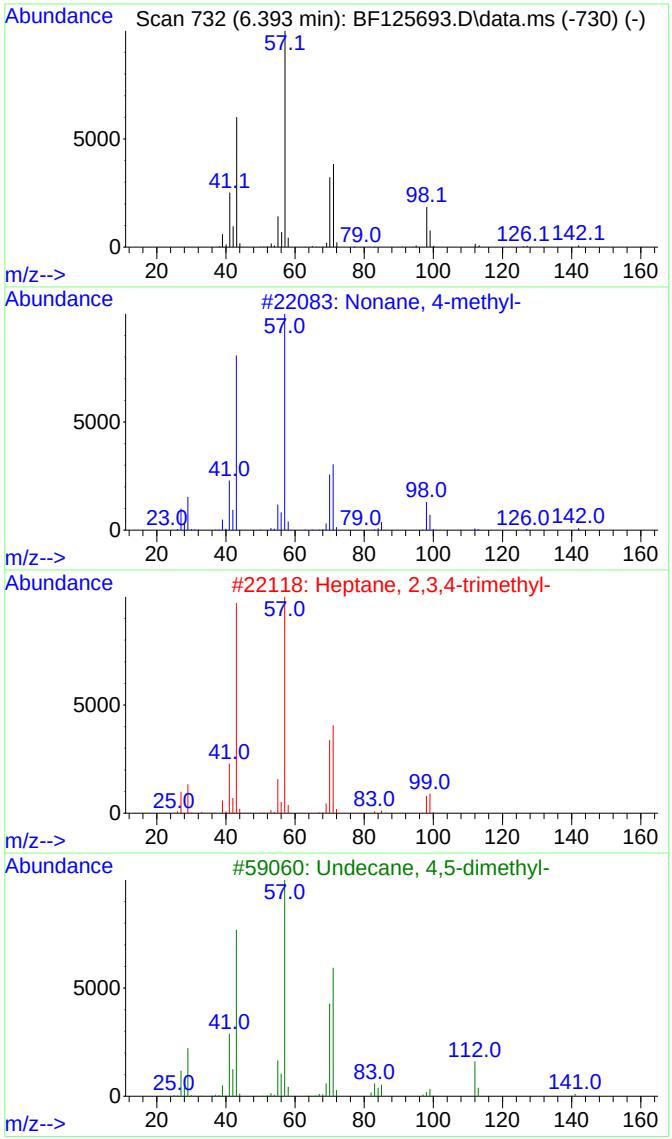
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

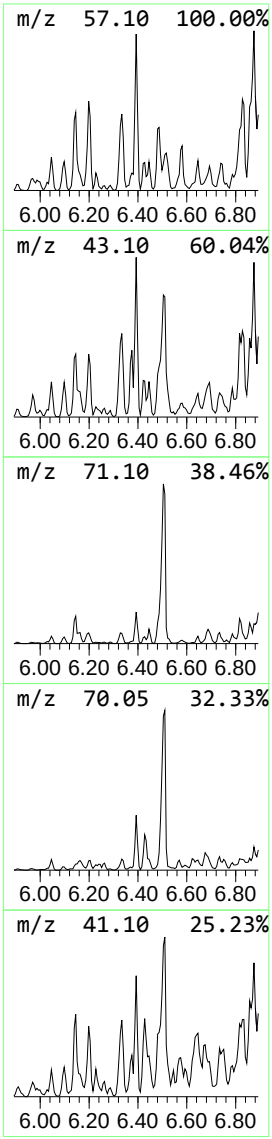
****

Peak Number 5 Nonane, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.393	5.95 ng	689753	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	91
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	78
3	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	64
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
Data File : BF125693.D
Acq On : 28 Sep 2021 17:28
Operator : JU/CG
Sample : M3961-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUB-SLAB-09(8.5-9)

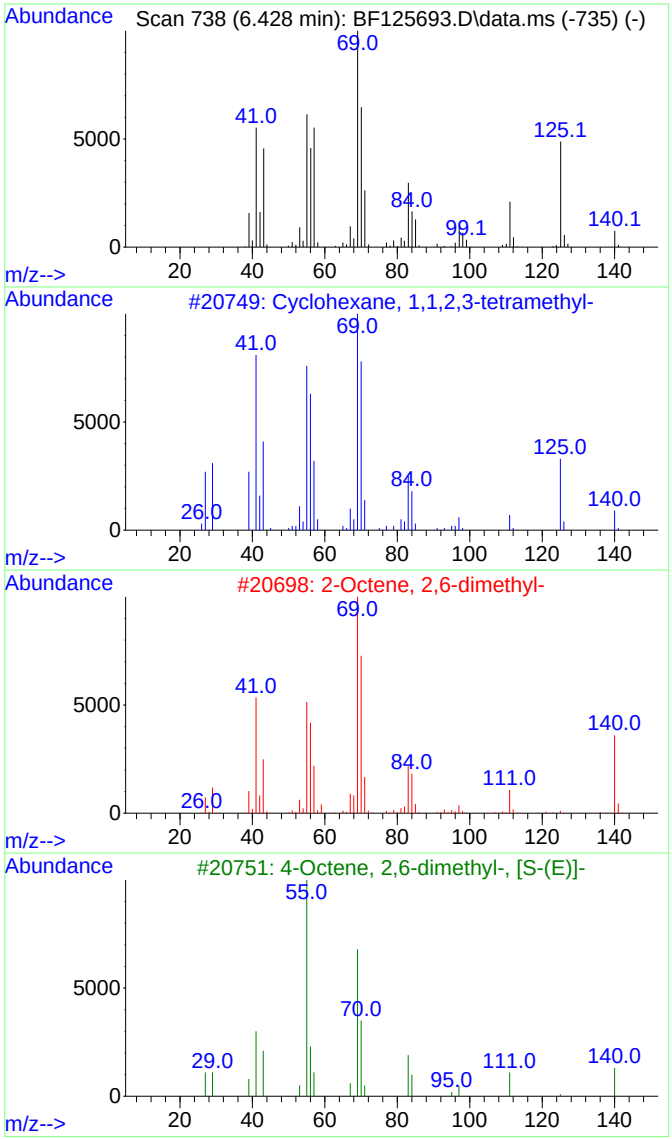
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

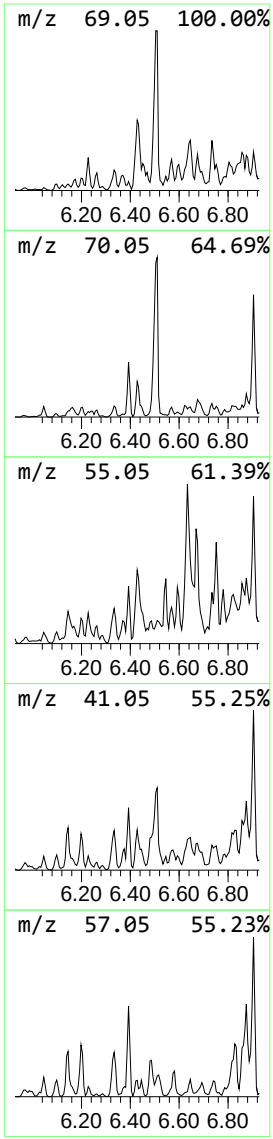
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.428	8.10 ng	939715	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	76
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	52
3	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	50
4	2-Methyl-2-octene	126	C9H18	016993-86-5	43
5	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
Data File : BF125693.D
Acq On : 28 Sep 2021 17:28
Operator : JU/CG
Sample : M3961-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(8.5-9)

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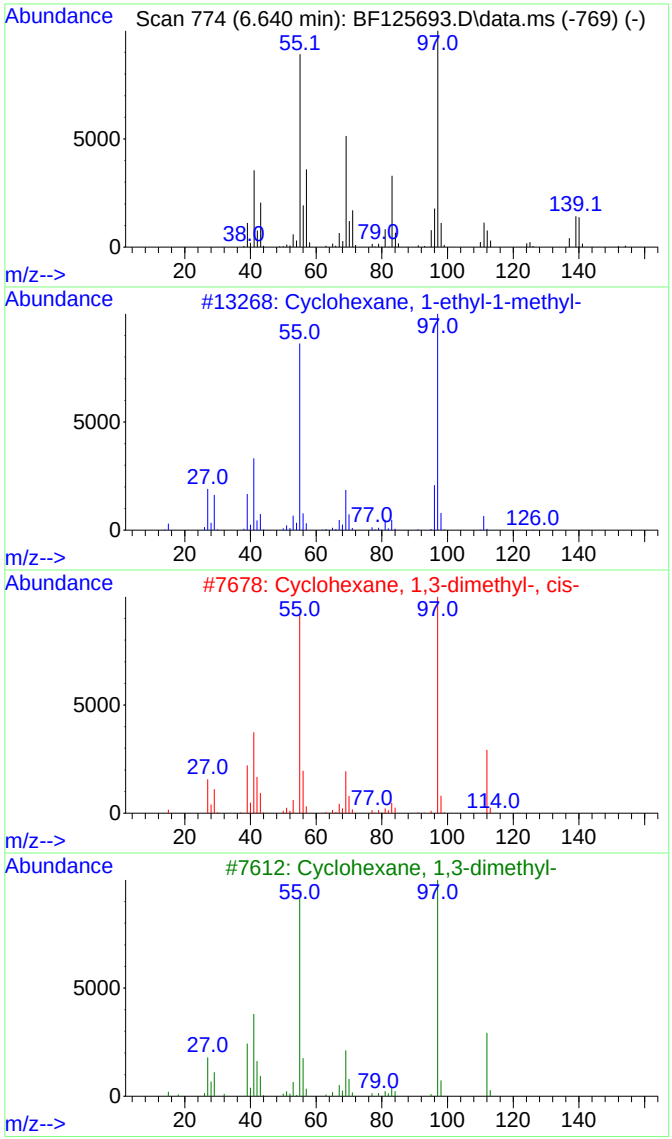
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

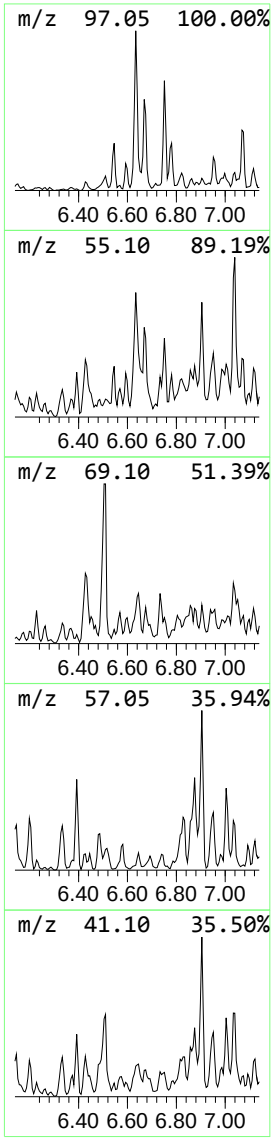
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexane, 1-ethyl-1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.640	9.77 ng	1133420	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	70
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	62
3	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	58
4	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	58
5	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	52





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Acq On : 28 Sep 2021 17:28
Operator : JU/CG
Sample : M3961-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUB-SLAB-09(8.5-9)

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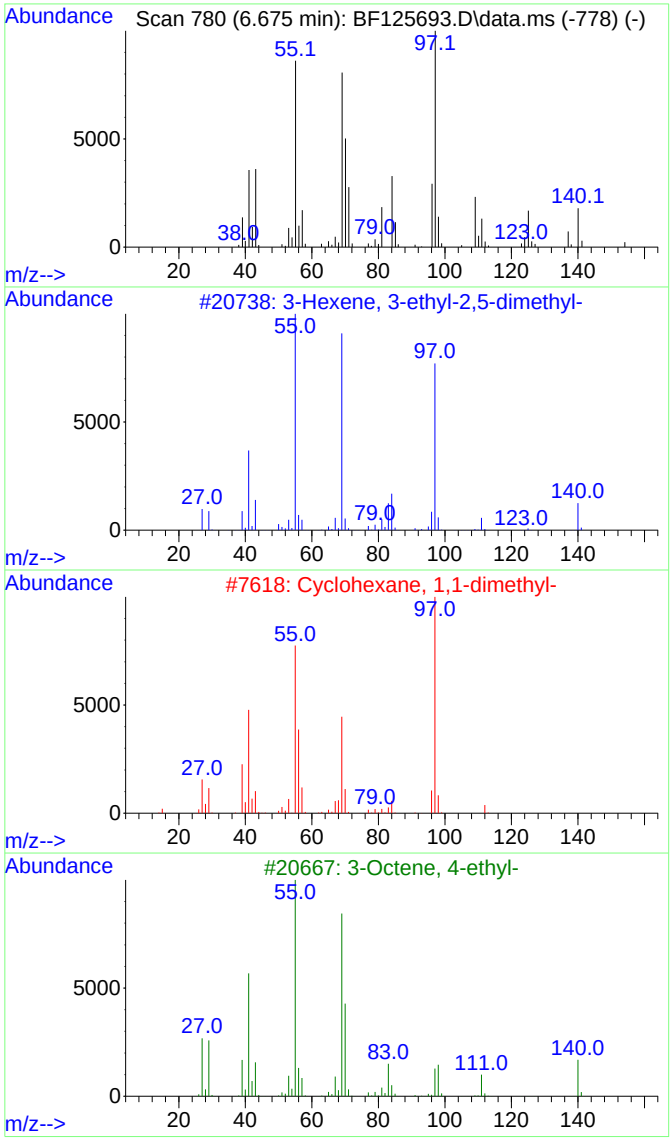
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

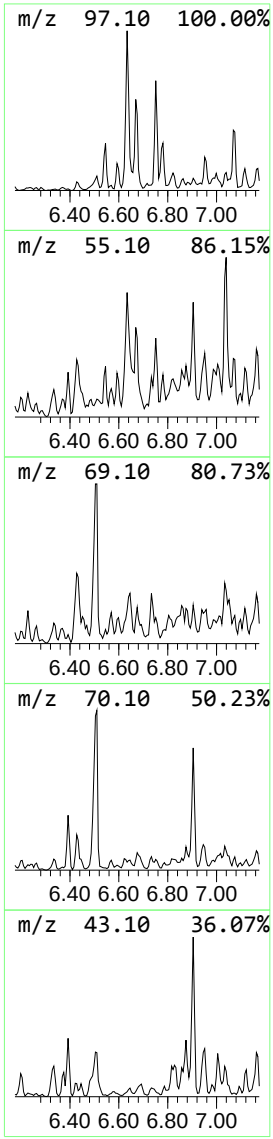
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 3-Hexene, 3-ethyl-2,5-dimet... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.675	5.74 ng	666147	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	53
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	52
3	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	49
4	3-Fluoro-2-formylpyridine	125	C6H4FNO	031224-43-8	43
5	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	43





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SUB-SLAB-09(8.5-9)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

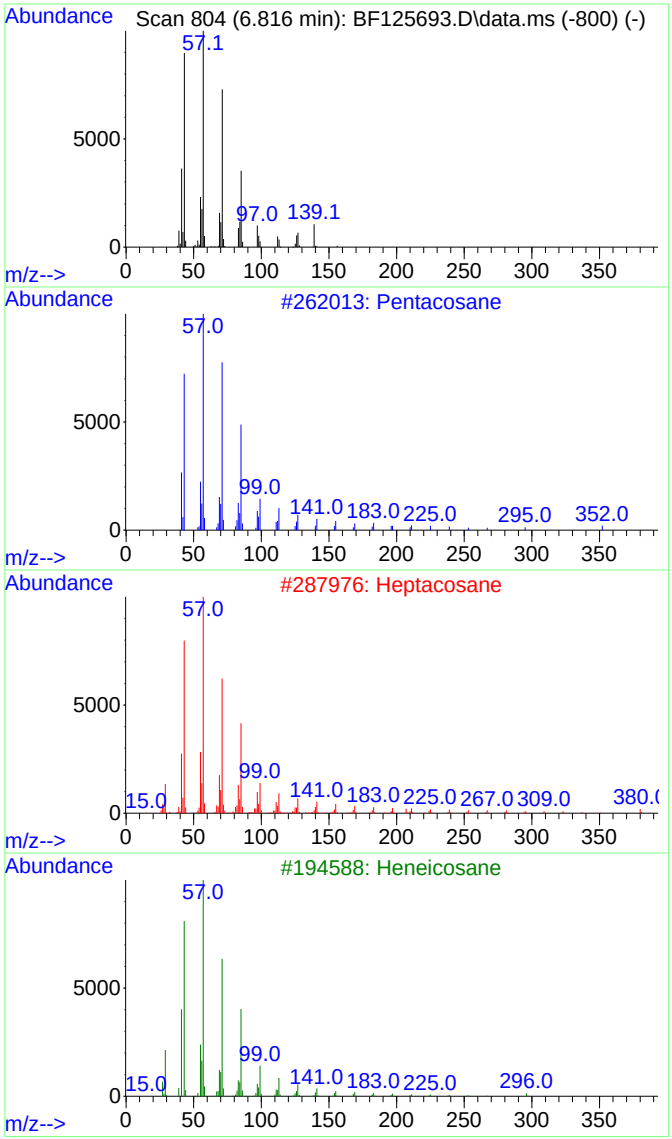
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

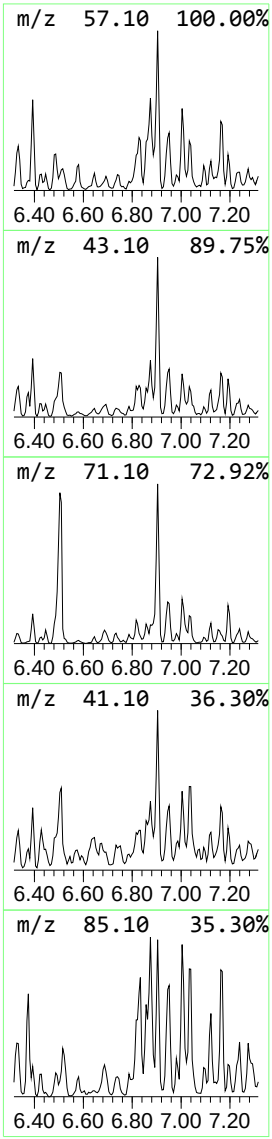
****

Peak Number 9 Pentacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.816	5.60 ng	649220	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	80
2	Heptacosane	380	C27H56	000593-49-7	72
3	Heneicosane	296	C21H44	000629-94-7	72
4	Tetradecane	198	C14H30	000629-59-4	64
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64





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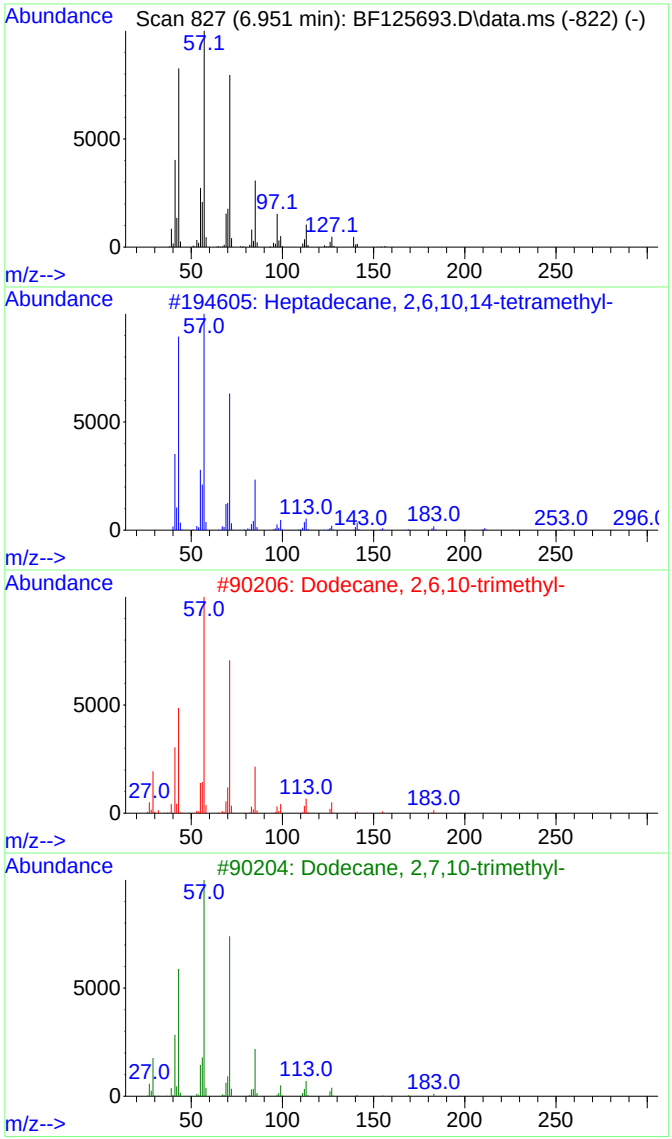
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

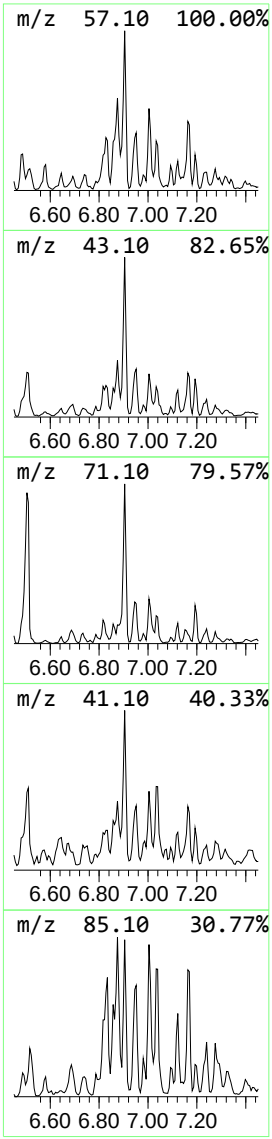
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Heptadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.951	10.97 ng	1272590	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	86
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
5	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

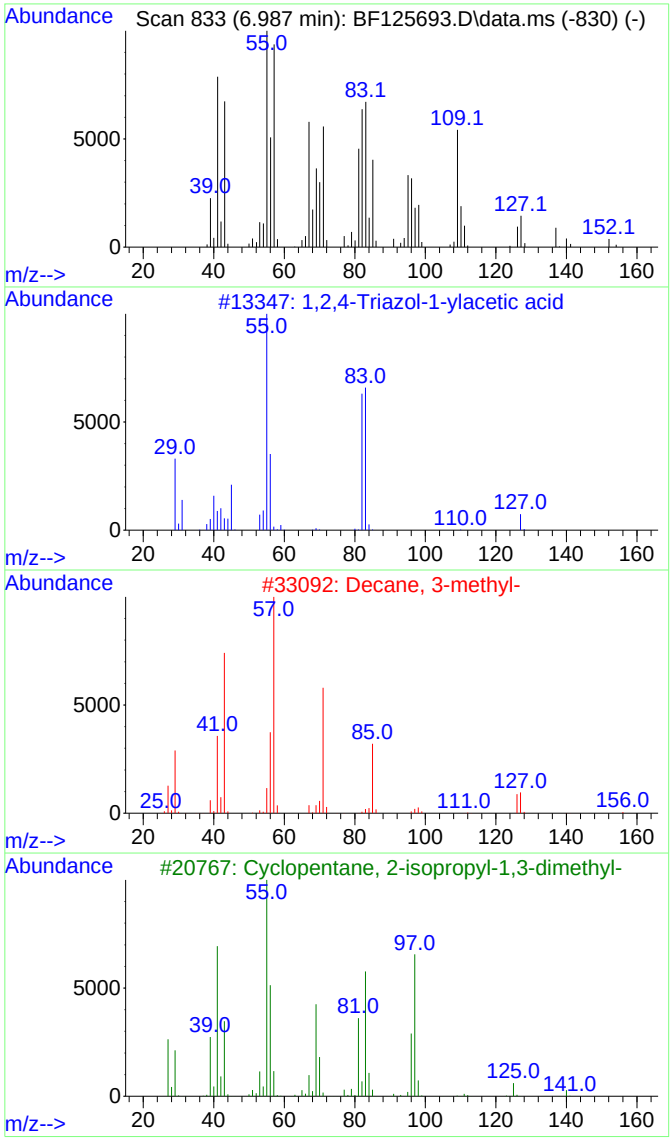
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

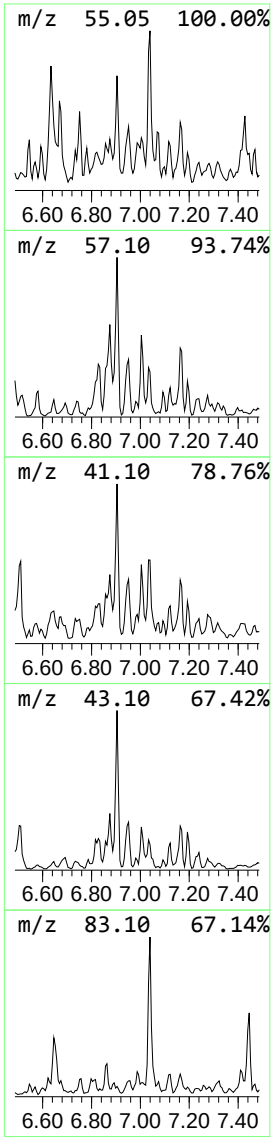
****

Peak Number 11 unknown6.987 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.987	4.13 ng	478477	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4-Triazol-1-ylacetic acid	127	C4H5N3O2	028711-29-7	25
2	Decane, 3-methyl-	156	C11H24	013151-34-3	22
3	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	20
4	3-Cyclopentene-1-acetaldehyde, 2...	124	C7H8O2	051905-39-6	18
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	14





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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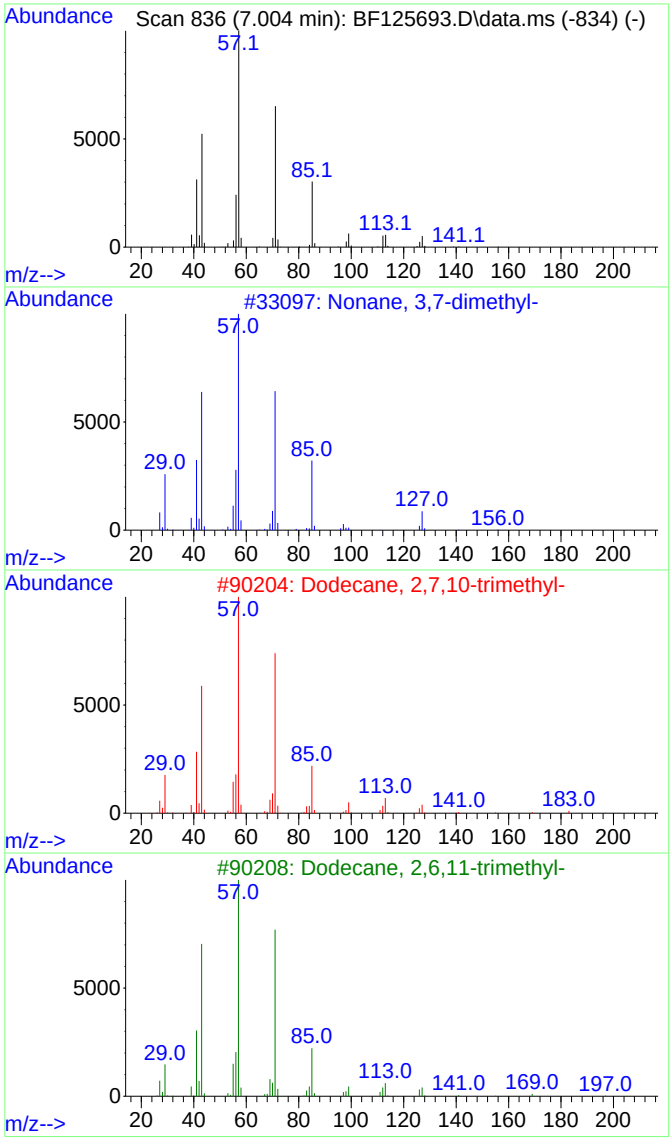
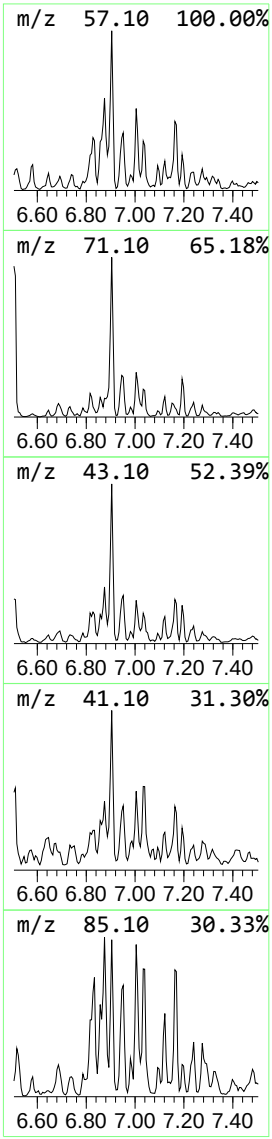
****

Peak Number 12 Nonane, 3,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.004	9.57 ng	1110280	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
4	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	64
5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	59





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SUB-SLAB-09(8.5-9)

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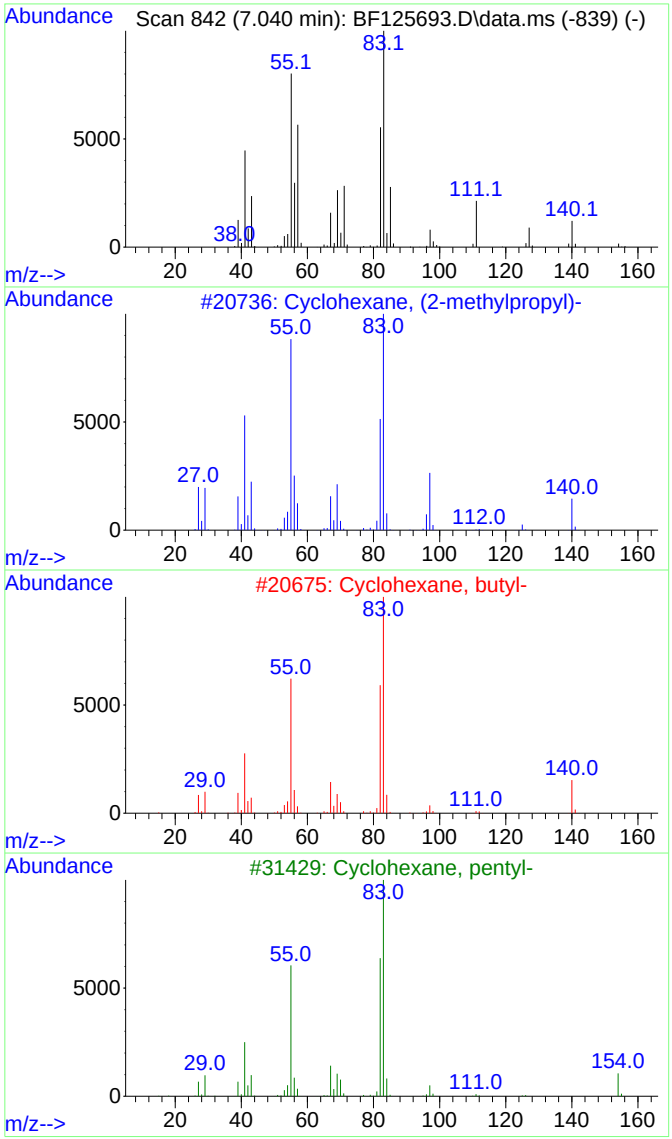
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

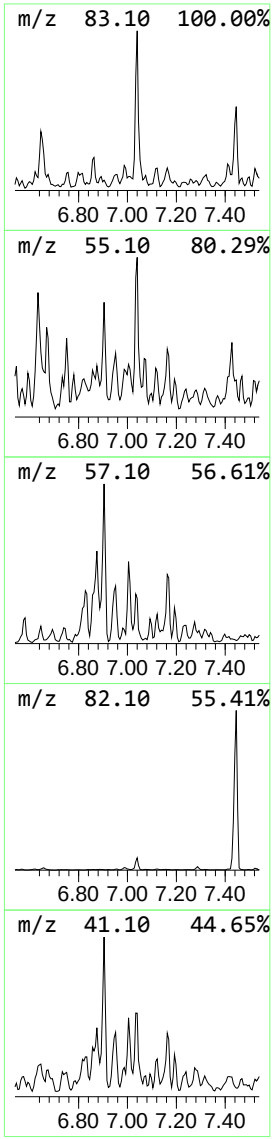
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.040	12.82 ng	1487120	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	70
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	58
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	47
4	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	47
5	1,2,4-Triazol-1-ylacetic acid	127	C4H5N3O2	028711-29-7	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

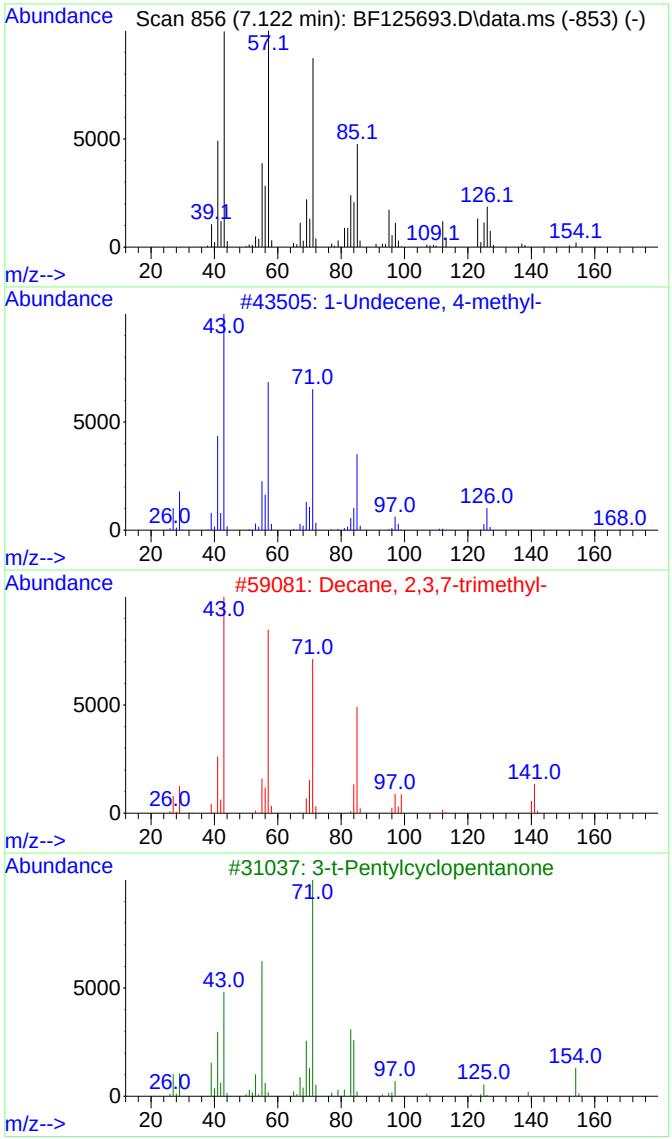
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

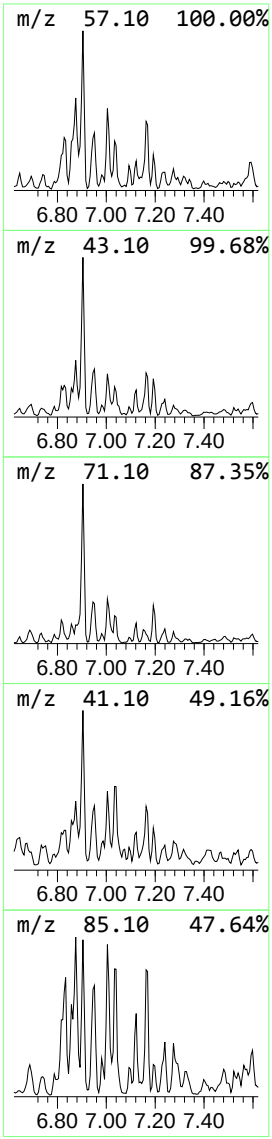
****

Peak Number 14 1-Undecene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.122	4.93 ng	571671	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	53
2	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	50
3	3-t-Pentylcyclopentanone	154	C10H18O	1000114-66-3	49
4	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	47
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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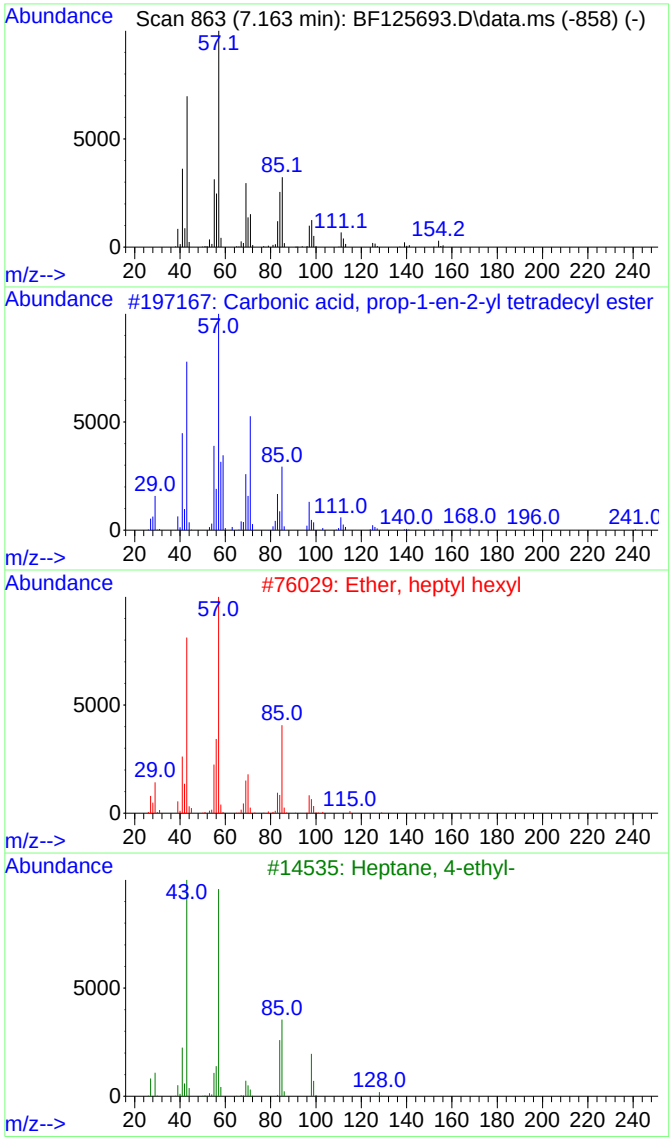
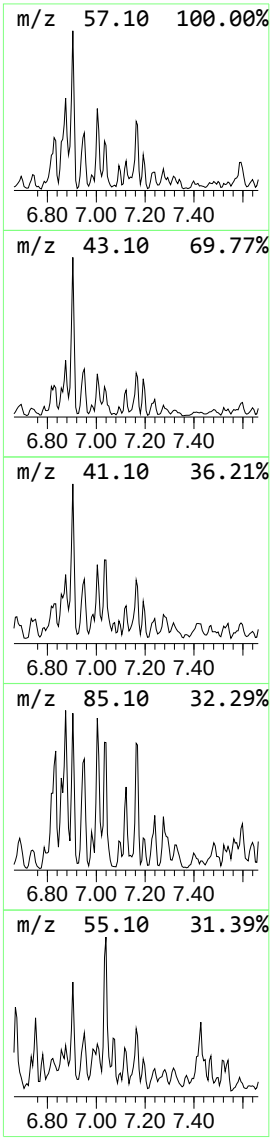
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Carbonic acid, prop-1-en-2-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.163	9.78 ng	1134550	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	53
2	Ether, heptyl hexyl	200	C13H28O	007289-40-9	50
3	Heptane, 4-ethyl-	128	C9H20	002216-32-2	50
4	Decane, 5-methyl-	156	C11H24	013151-35-4	50
5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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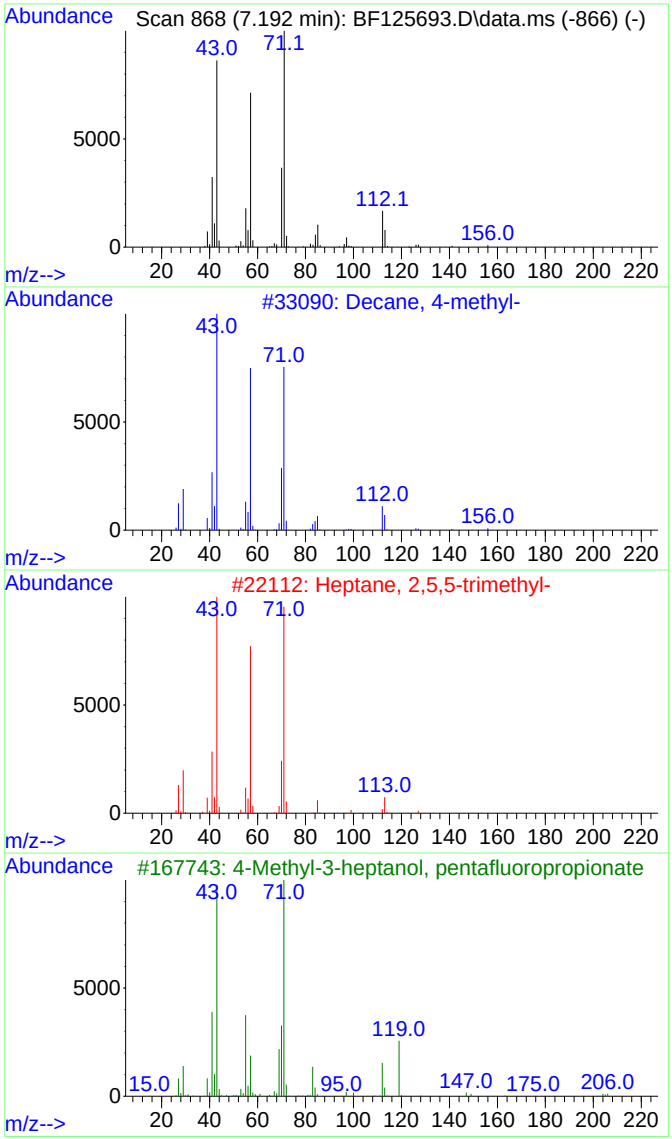
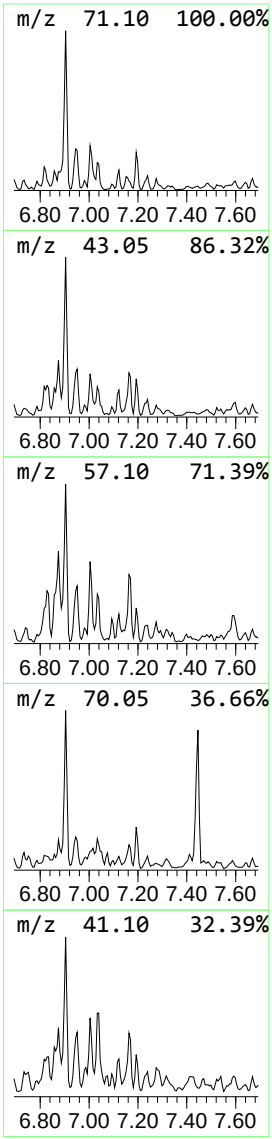
****

Peak Number 16 Decane, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.192	4.17 ng	483114	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	91
2	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	78
3	4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	72
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
5	Decane, 3,3,5-trimethyl-	184	C13H28	062338-13-0	64





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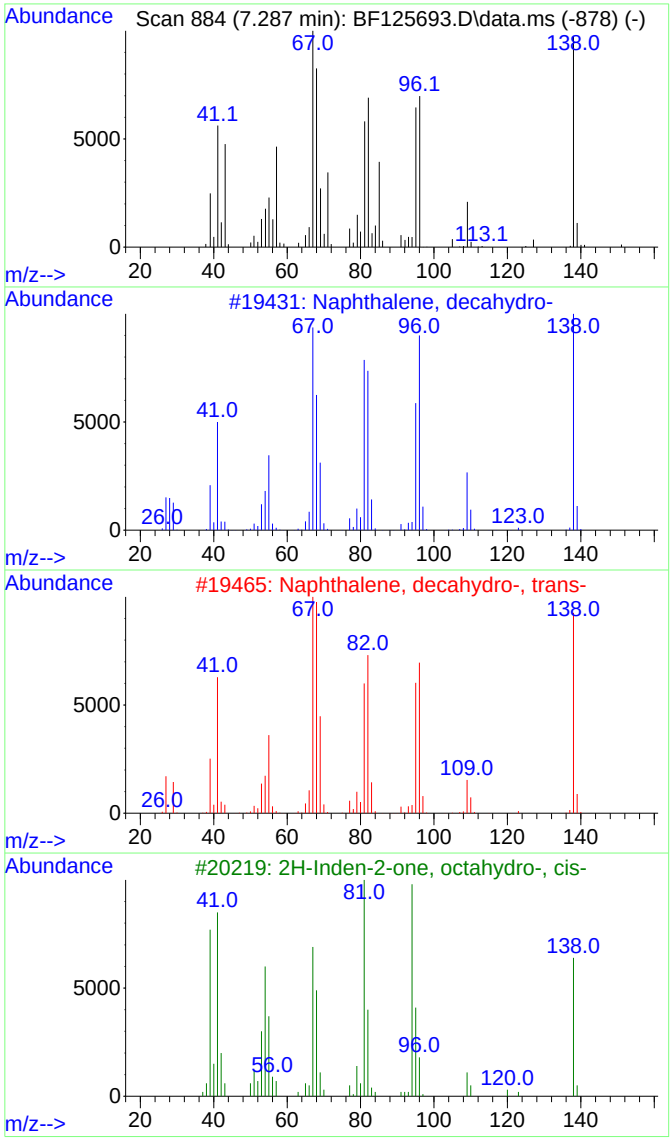
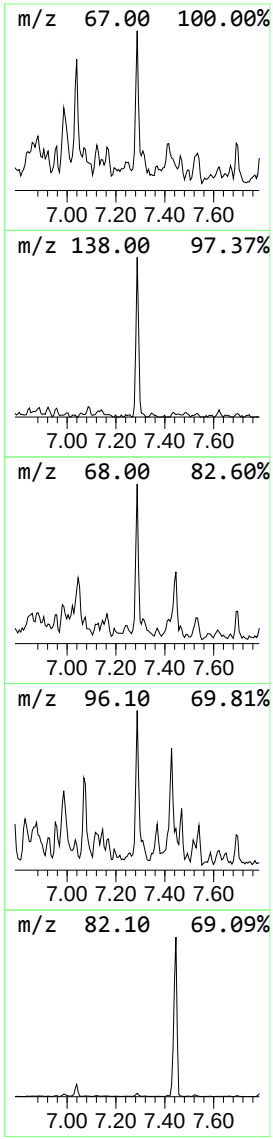
****
Peak Number 17 Naphthalene, decahydro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.287	5.22 ng	605251	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	93
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	91
3	2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	72
4	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	64
5	Spiro[4.5]decane	138	C10H18	000176-63-6	58





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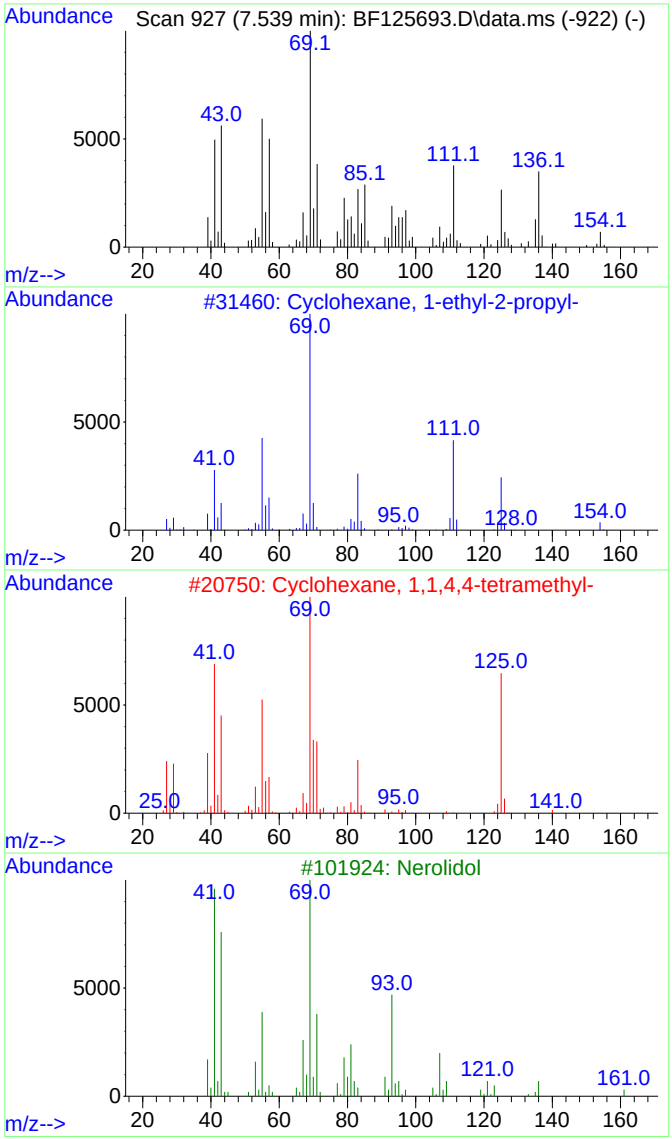
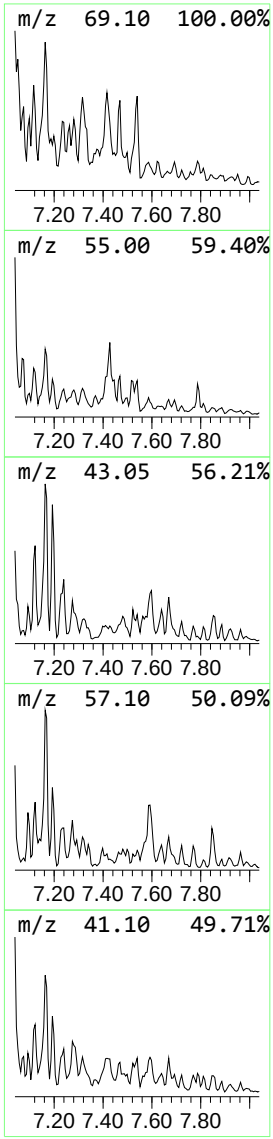
****
Peak Number 18 unknown7.539 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.539	6.21 ng	489982	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	43
2	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	43
3	Nerolidol	222	C15H26O	000142-50-7	43
4	1-Octyn-3-ol, 3-methyl-	140	C9H16O	023580-51-0	35
5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	27





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Data File : BF125693.D
Acq On : 28 Sep 2021 17:28
Operator : JU/CG
Sample : M3961-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUB-SLAB-09(8.5-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

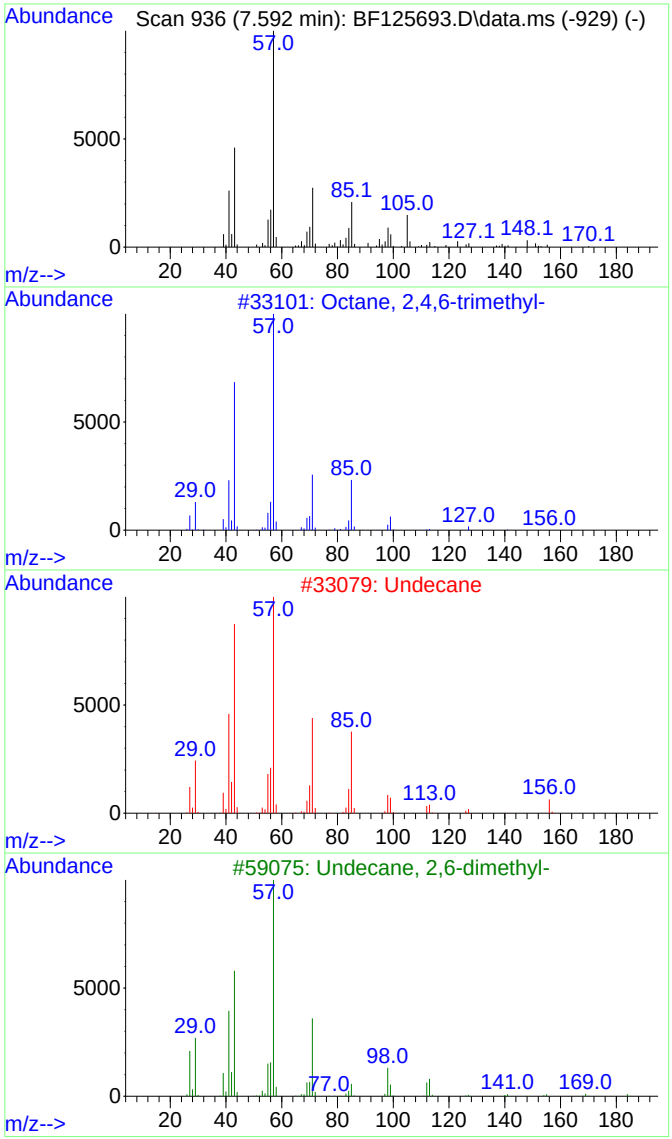
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

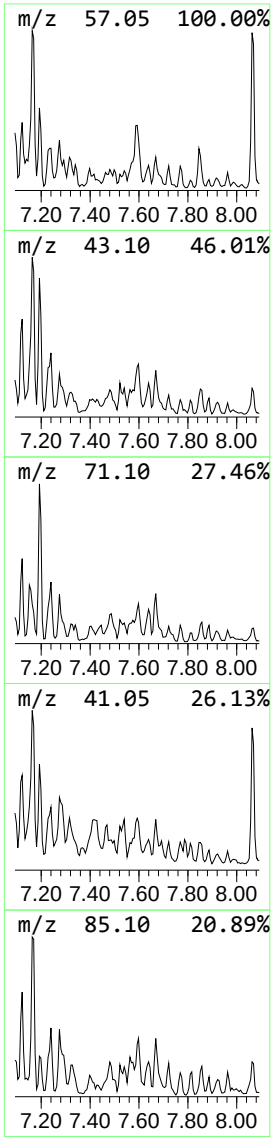
****

Peak Number 19 Octane, 2,4,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.592	6.53 ng	515519	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
2	Undecane	156	C11H24	001120-21-4	53
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
4	Hexadecane	226	C16H34	000544-76-3	50
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
Data File : BF125693.D
Acq On : 28 Sep 2021 17:28
Operator : JU/CG
Sample : M3961-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUB-SLAB-09(8.5-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

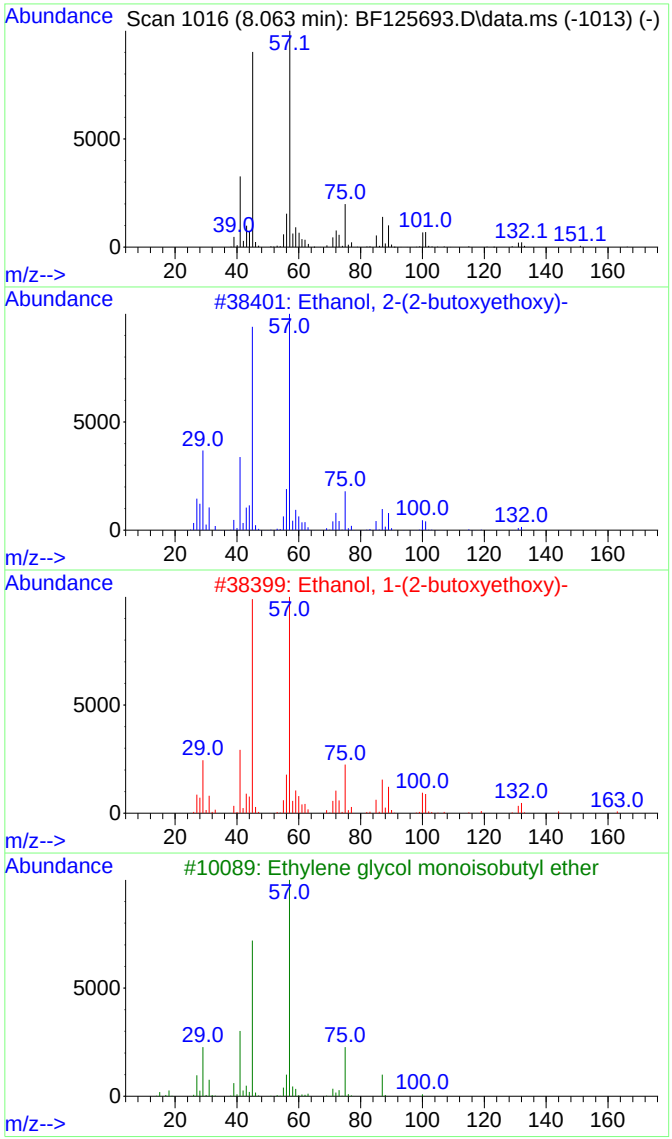
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

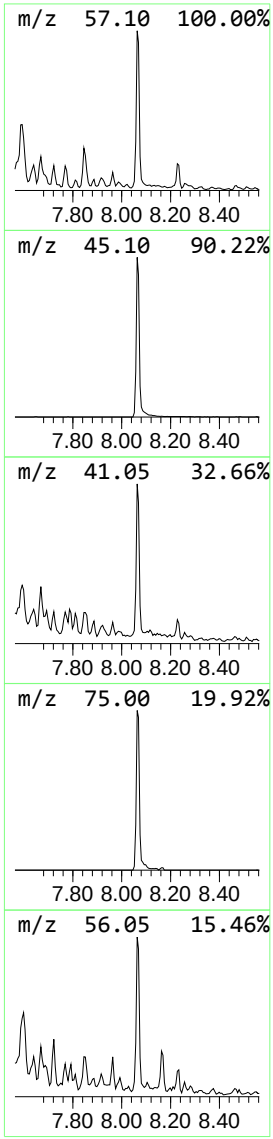
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.063	8.72 ng	688318	Naphthalene-d8	8.169

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	90
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	59
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
Data File : BF125693.D
Acq On : 28 Sep 2021 17:28
Operator : JU/CG
Sample : M3961-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUB-SLAB-09(8.5-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.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...	2.187	14.0	ng	1625890	1	6.887	2319850	20.0
Octane, 2,6-dim...	6.145	6.5	ng	752107	1	6.887	2319850	20.0
Heptane, 3-ethyl-	6.198	4.1	ng	473784	1	6.887	2319850	20.0
Decane, 2,5,6-t...	6.334	5.9	ng	687794	1	6.887	2319850	20.0
Nonane, 4-methyl-	6.393	6.0	ng	689753	1	6.887	2319850	20.0
Cyclohexane, 1,...	6.428	8.1	ng	939715	1	6.887	2319850	20.0
Cyclohexane, 1-...	6.640	9.8	ng	1133420	1	6.887	2319850	20.0
3-Hexene, 3-eth...	6.675	5.7	ng	666147	1	6.887	2319850	20.0
Pentacosane	6.816	5.6	ng	649220	1	6.887	2319850	20.0
Heptadecane, 2,...	6.951	11.0	ng	1272590	1	6.887	2319850	20.0
unknown6.987	6.987	4.1	ng	478477	1	6.887	2319850	20.0
Nonane, 3,7-dim...	7.004	9.6	ng	1110280	1	6.887	2319850	20.0
Cyclohexane, (2...	7.040	12.8	ng	1487120	1	6.887	2319850	20.0
1-Undecene, 4-m...	7.122	4.9	ng	571671	1	6.887	2319850	20.0
Carbonic acid, ...	7.163	9.8	ng	1134550	1	6.887	2319850	20.0
Decane, 4-methyl-	7.192	4.2	ng	483114	1	6.887	2319850	20.0
Naphthalene, de...	7.287	5.2	ng	605251	1	6.887	2319850	20.0
unknown7.539	7.539	6.2	ng	489982	2	8.169	1578750	20.0
Octane, 2,4,6-t...	7.592	6.5	ng	515519	2	8.169	1578750	20.0
Ethanol, 2-(2-b...	8.063	8.7	ng	688318	2	8.169	1578750	20.0