LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125576.D
Acq On : 23 Sep 2021 00:27
Operator : JU/CG
Sample : M3798-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUB-SLAB-01-(5-8)

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: BF125576.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.181	10	16	24	rVB	1379897	1734544	16.66%	0.807%
2	5.057	496	505	507	rBV2	117459	178768	1.72%	0.083%
3	5.128	513	517	522	rVB2	142569	145445	1.40%	0.068%
4	5.328	546	551	554	rBV	440521	474418	4.56%	0.221%
5	5.357	554	556	561	rVB3	100549	127964	1.23%	0.060%
6	5.410	561	565	567	rBV	445236	408326	3.92%	0.190%
7	5.434	567	569	572	rVB	164511	132151	1.27%	0.062%
8	5.510	574	582	585	rBV	4713867	4754482	45.67%	2.213%
9	5.581	590	594	596	rVV	161316	178562	1.72%	0.083%
10	5.604	596	598	601	rVV	253465	216473	2.08%	0.101%
11	5.646	601	605	608	rVV2	291969	292114	2.81%	0.136%
12	5.681	608	611	616	rVV3	429888	639949	6.15%	0.298%
13	5.728	616	619	622	rVV	983327	847800	8.14%	0.395%
14	5.769	622	626	628	rVV	580187	687140	6.60%	0.320%
15	5.816	632	634	635	rVV	181552	136639	1.31%	0.064%
16	5.834	635	637	641	rVB	272900	239664	2.30%	0.112%
17	5.922	647	652	653	rBV2	1320496	1569675	15.08%	0.731%
18	5.981	657	662	665	rBV2	1923144	2866160	27.53%	1.334%
19	6.063	670	676	680	rVB3	3206321	4290226	41.21%	1.997%
20	6.110	680	684	687	rBV	2284824	2623162	25.20%	1.221%
21	6.163	687	693	699	rVV3	6708693	10409872	100.00%	4.845%
22	6.216	699	702	705	rVV2	4472414	4974029	47.78%	2.315%
23	6.245	705	707	710	rVV3	1877632	2425296	23.30%	1.129%
24	6.275	710	712	714	rVV	1478929	1397869	13.43%	0.651%
25	6.298	714	716	719	rVV2	908310	867152	8.33%	0.404%
26	6.351	719	725	728	rVV2	4870228	6384941	61.34%	2.972%
27	6.387	728	731	733	rVV3	2625477	3185448	30.60%	1.483%
28	6.410	733	735	737	rVV	6200442	5512580	52.96%	2.566%
29	6.440	737	740	743	rVV2	4583701	6327652	60.79%	2.945%
30	6.504	747	751	754	rVV2	4472635	7671518	73.69%	3.571%
31	6.528	754	755	759	rVV2	1842113	2477302	23.80%	1.153%
32	6.563	759	761	762	rVV	2171518	1843707	17.71%	0.858%
33	6.587	762	765	767	rVV2	2698954	3419763	32.85%	1.592%
34	6.610	767	769	771	rVV	1935434	1899583	18.25%	0.884%
35	6.651	771	776	780	rVV4	4299573	8321287	79.94%	3.873%
36	6.687	780	782	788	rVV4	3629126	5125968	49.24%	2.386%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125576.D
Acq On : 23 Sep 2021 00:27
Operator : JU/CG
Sample : M3798-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUB-SLAB-01-(5-8)

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	6.745	788	792	794	rVV2	2679602	3734748	35.88%	1.738%
38	6.763	794	795	798	rVV2	2708436	2370819	22.77%	1.104%
39	6.798	798	801	802	rVV2	1618616	1834931	17.63%	0.854%
40	6.845	802	809	811	rVV4	2928380	6565155	63.07%	3.056%
41	6.875	811	814	815	rVV3	3336993	3815375	36.65%	1.776%
42	6.892	815	817	819	rVV3	4751591	5452126	52.37%	2.538%
43	6.922	819	822	825	rVV	7258198	7728375	74.24%	3.597%
44	6.963	825	829	832	rVV2	3728510	5376418	51.65%	2.503%
45	6.998	832	835	836	rVV2	2183082	2315276	22.24%	1.078%
46	7.022	836	839	841	rVV	3811884	4568623	43.89%	2.127%
47	7.051	841	844	848	rVV	5571996	7323384	70.35%	3.409%
48	7.087	848	850	852	rVV	1740822	1700752	16.34%	0.792%
49	7.110	852	854	855	rVV	1213695	1073497	10.31%	0.500%
50	7.134	855	858	860	rVV	2376876	2627404	25.24%	1.223%
51	7.181	860	866	868	rVV2	3898095	5387154	51.75%	2.508%
52	7.210	868	871	874	rVV	2587694	2930305	28.15%	1.364%
53	7.240	874	876	880	rVV2	2104223	2859111	27.47%	1.331%
54	7.298	880	886	889	rVV2	2229835	4035697	38.77%	1.878%
55	7.328	889	891	898	rVV5	1078211	2103658	20.21%	0.979%
56	7.381	898	900	902	rVV	518010	650692	6.25%	0.303%
57	7.451	902	912	915	rVV2	3083304	6216969	59.72%	2.894%
58	7.475	915	916	918	rVV	1137466	1033240	9.93%	0.481%
59	7.492	918	919	923	rVV2	908787	1116979	10.73%	0.520%
60	7.545	923	928	931	rVV5	1156700	2061444	19.80%	0.960%
61	7.604	931	938	941	rVV3	1005771	2234442	21.46%	1.040%
62	7.651	941	946	948	rVV3	704118	1130083	10.86%	0.526%
63	7.681	948	951	953	rVV	941329	1043124	10.02%	0.486%
64	7.704	953	955	958	rVV3	573627	650562	6.25%	0.303%
65	7.734	958	960	964	rVV	365160	420936	4.04%	0.196%
66	7.781	964	968	970	rVV	535914	666673	6.40%	0.310%
67	7.798	970	971	973	rVV	630096	419342	4.03%	0.195%
68	7.822	973	975	979	rVV3	577928	679032	6.52%	0.316%
69	7.863	979	982	985	rVV3	518158	641149	6.16%	0.298%
70	7.892	985	987	990	rVV2	300226	287473	2.76%	0.134%
71	7.928	990	993	998	rVV4	287224	378540	3.64%	0.176%
72	7.975	998	1001	1003	rVV	319650	270784	2.60%	0.126%
73	7.998	1003	1005	1009	rVB3	108337	113040	1.09%	0.053%
74	8.075	1015	1018	1021	rVB	966568	736505	7.08%	0.343%
75	8.128	1024	1027	1030	rVV4	117995	140956	1.35%	0.066%
76	8.175	1030	1035	1039	rVV	2071114	1940236	18.64%	0.903%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125576.D
Acq On : 23 Sep 2021 00:27
Operator : JU/CG
Sample : M3798-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUB-SLAB-01-(5-8)

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	8.239	1042	1046	1049	rVB2	317684	304521	2.93%	0.142%
78	8.475	1082	1086	1092	rVB6	108054	151367	1.45%	0.070%
79	8.598	1104	1107	1110	rBV	124712	112165	1.08%	0.052%
80	9.251	1213	1218	1221	rBV	5855485	5418381	52.05%	2.522%
81	9.933	1330	1334	1337	rBV	2255310	1947123	18.70%	0.906%
82	10.586	1439	1445	1448	rBV	180657	202214	1.94%	0.094%
83	10.716	1463	1467	1471	rBV	3466333	3274826	31.46%	1.524%
84	10.851	1485	1490	1497	rBV	294069	382563	3.68%	0.178%
85	11.316	1566	1569	1575	rVB	192526	205215	1.97%	0.096%
86	11.416	1582	1586	1589	rBV	2456964	1981552	19.04%	0.922%
87	11.945	1672	1676	1680	rBV	411290	413222	3.97%	0.192%
88	12.727	1806	1809	1817	rBV	255802	282989	2.72%	0.132%
89	13.004	1852	1856	1859	rBV	5594699	5330722	51.21%	2.481%
90	13.274	1899	1902	1906	rBV	149430	123322	1.18%	0.057%
91	13.898	2005	2008	2017	rBV3	333781	453557	4.36%	0.211%
92	14.051	2029	2034	2038	rBV2	1525669	1679771	16.14%	0.782%
93	15.533	2281	2286	2291	rBV	961297	1150959	11.06%	0.536%

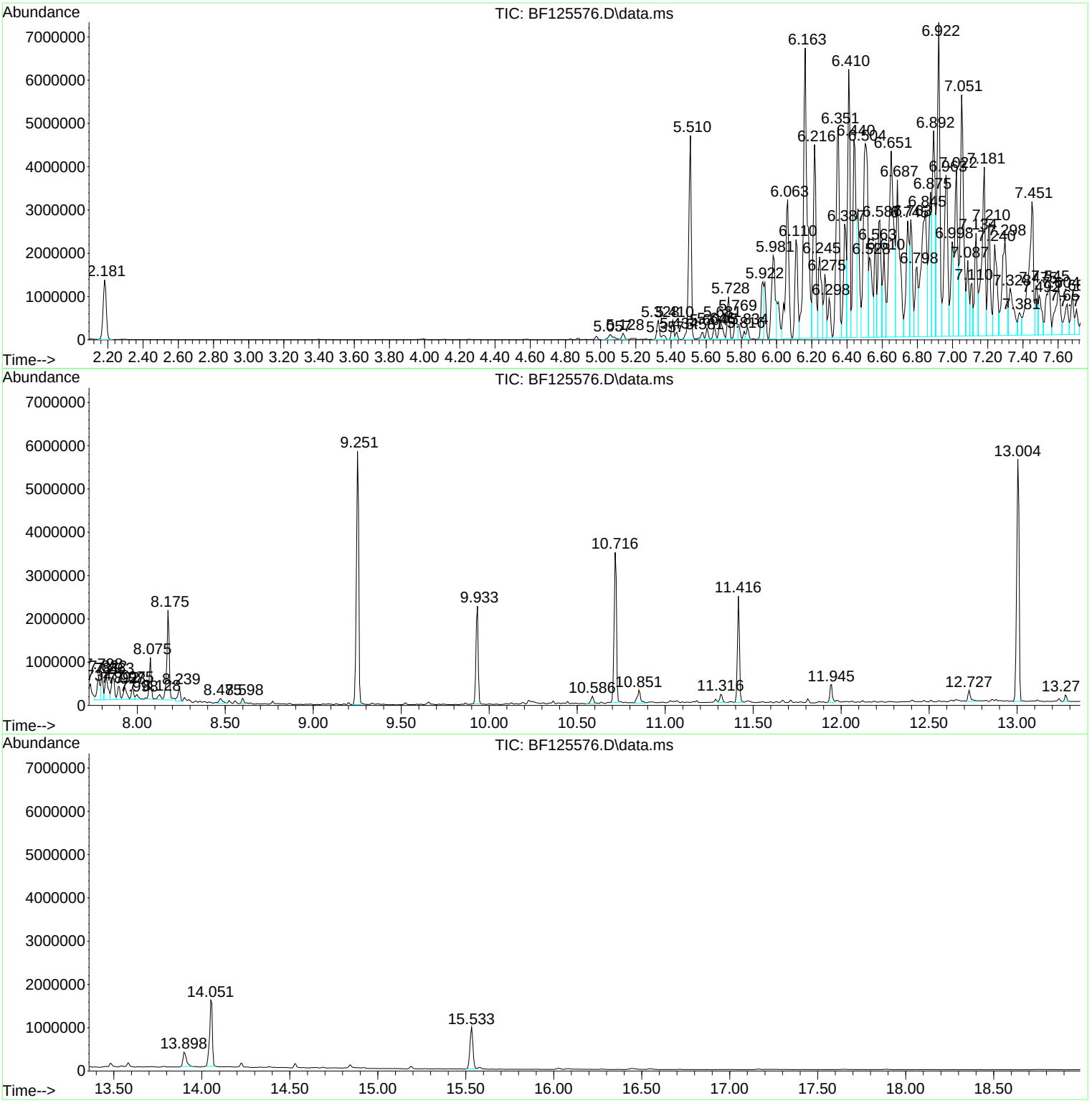
Sum of corrected areas: 214837107

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125576.D
Acq On : 23 Sep 2021 00:27
Operator : JU/CG
Sample : M3798-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-01-(5-8)

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 : BF125576.D
Acq On : 23 Sep 2021 00:27
Operator : JU/CG
Sample : M3798-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-01-(5-8)

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

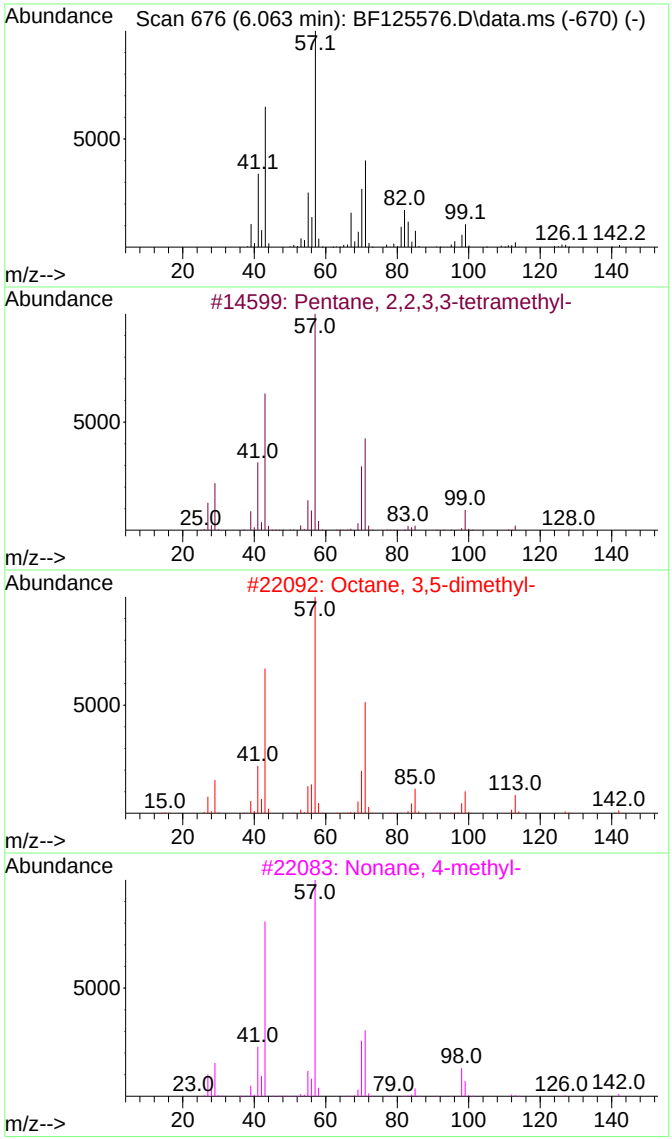
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

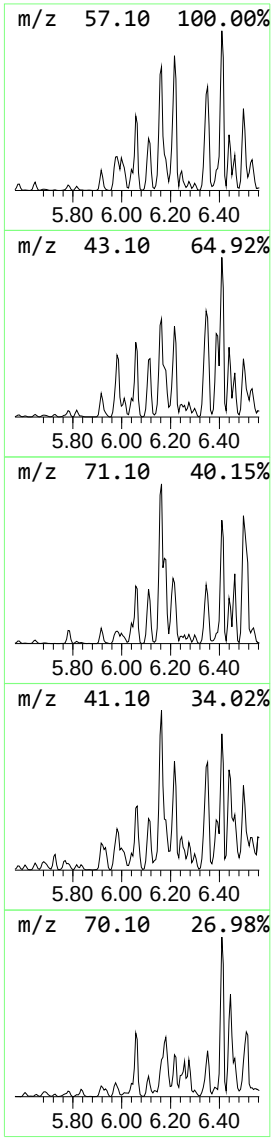
****

Peak Number 1 Pentane, 2,2,3,3-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.063	15.74 ng	4290230	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	50
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	49
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	43
4	3-Bromooctane	192	C8H17Br	000999-64-4	38
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125576.D
Acq On : 23 Sep 2021 00:27
Operator : JU/CG
Sample : M3798-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-01-(5-8)

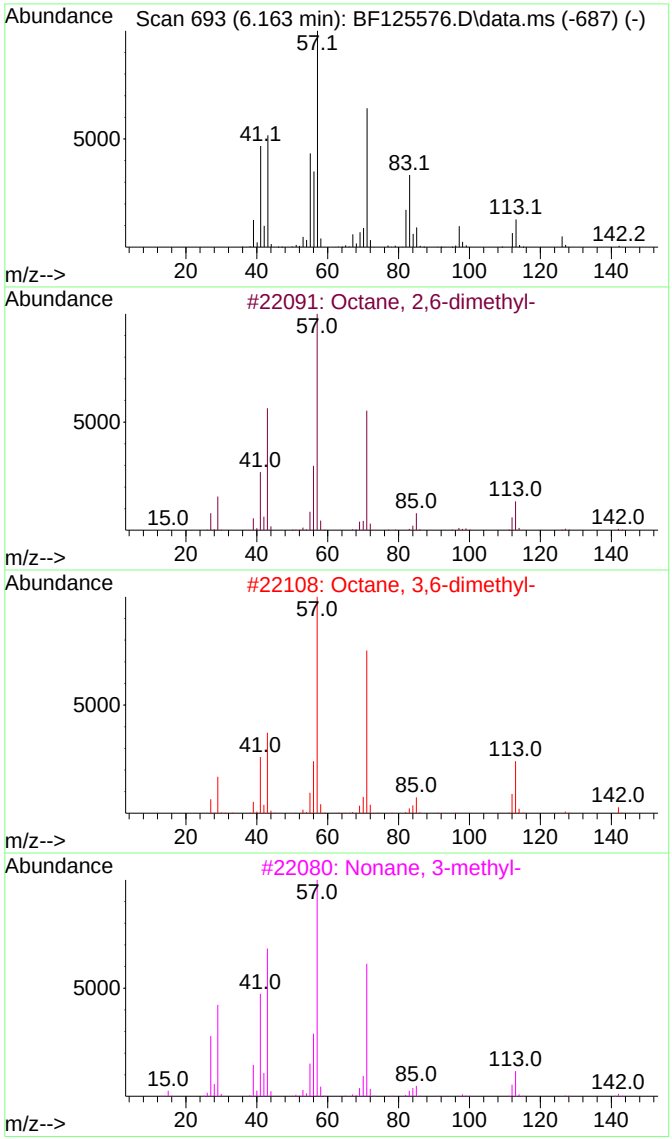
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

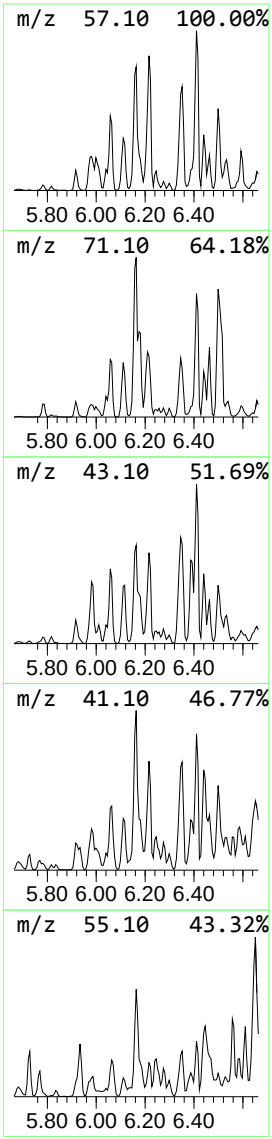
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.163	38.19 ng	10409900	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	64
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	59
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	50
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125576.D
Acq On : 23 Sep 2021 00:27
Operator : JU/CG
Sample : M3798-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-01-(5-8)

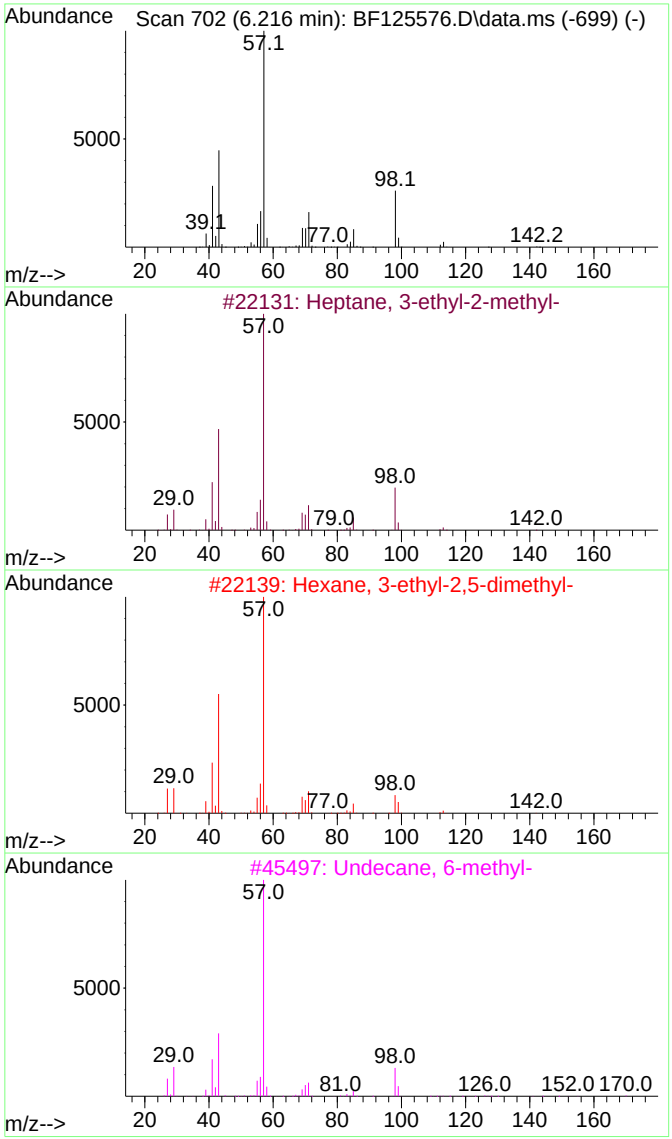
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

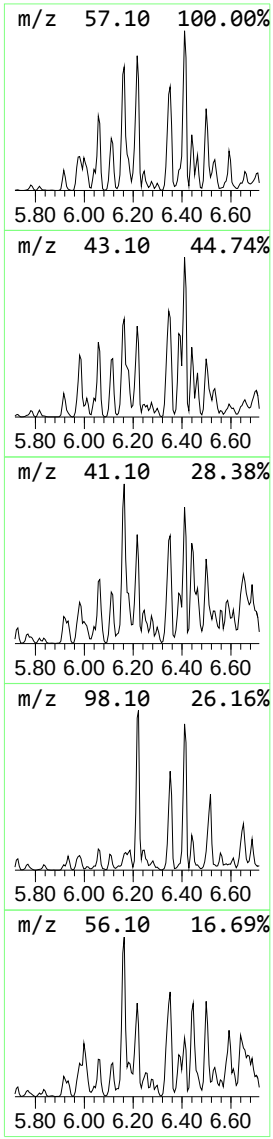
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Heptane, 3-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.216	18.25 ng	4974030	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	90
2	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	62
3	Undecane, 6-methyl-	170	C12H26	017302-33-9	59
4	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	59
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125576.D
Acq On : 23 Sep 2021 00:27
Operator : JU/CG
Sample : M3798-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-01-(5-8)

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

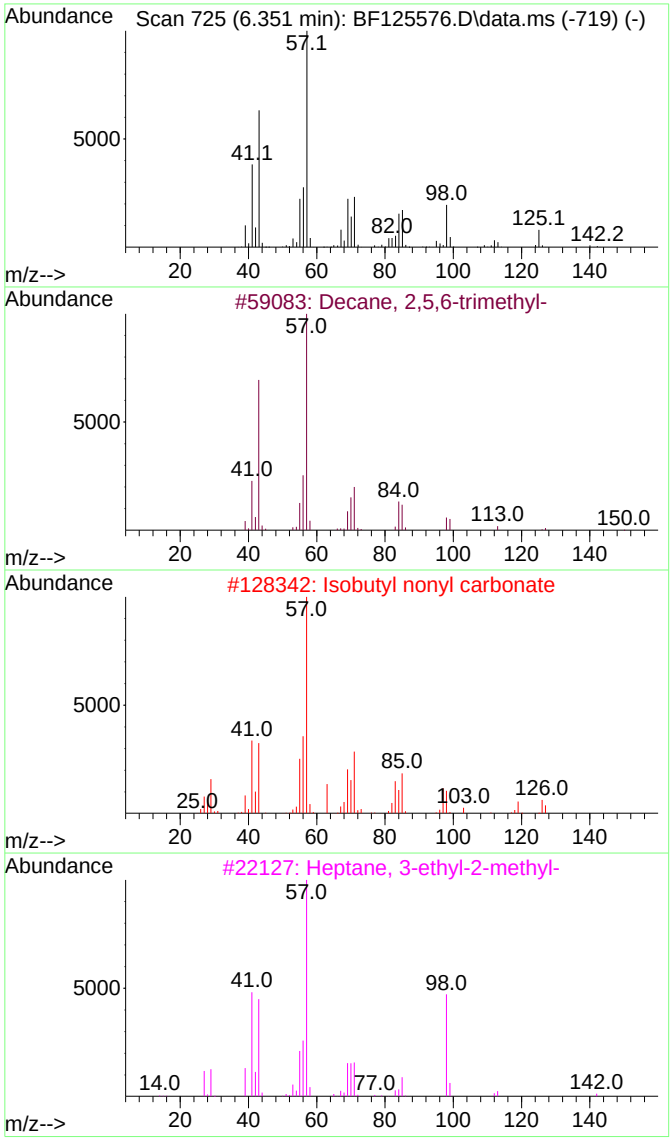
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

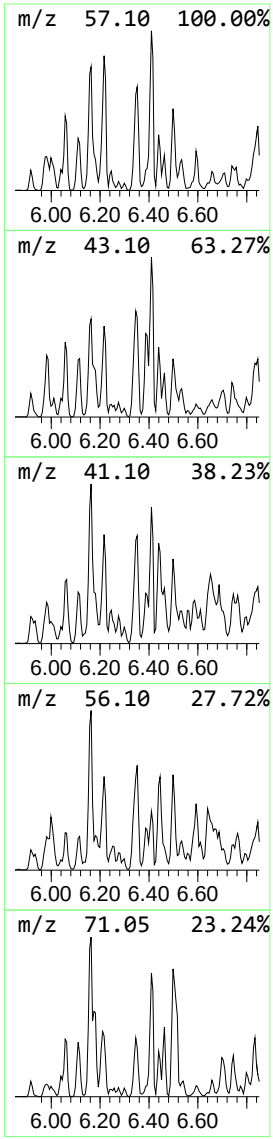
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.351	23.42 ng	6384940	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	80
2	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	59
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
4	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	53
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125576.D
Acq On : 23 Sep 2021 00:27
Operator : JU/CG
Sample : M3798-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-01-(5-8)

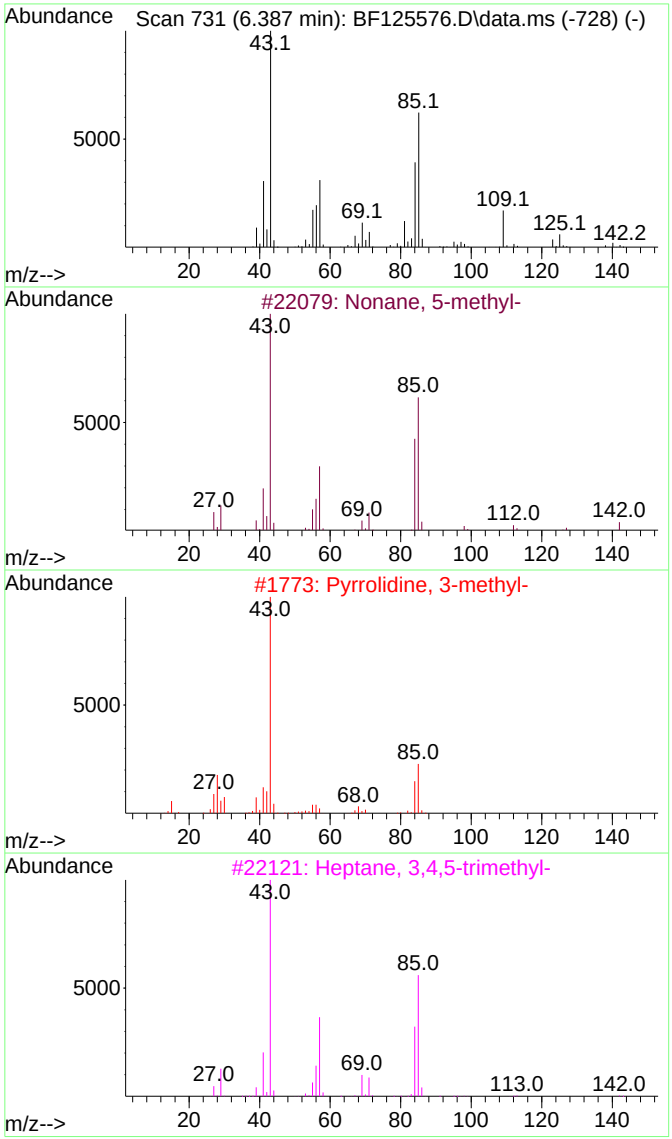
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

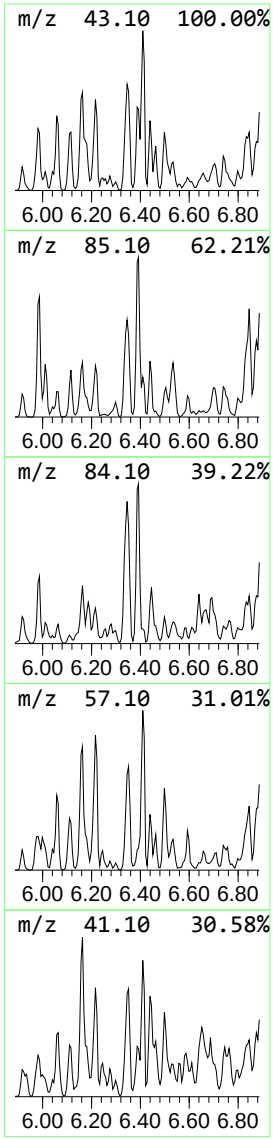
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Nonane, 5-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.387	11.69 ng	3185450	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-methyl-	142	C10H22	015869-85-9	53
2	Pyrrolidine, 3-methyl-	85	C5H11N	034375-89-8	50
3	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	47
4	Pentane, 2,3,3,4-tetramethyl-	128	C9H20	016747-38-9	47
5	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125576.D
Acq On : 23 Sep 2021 00:27
Operator : JU/CG
Sample : M3798-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-01-(5-8)

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

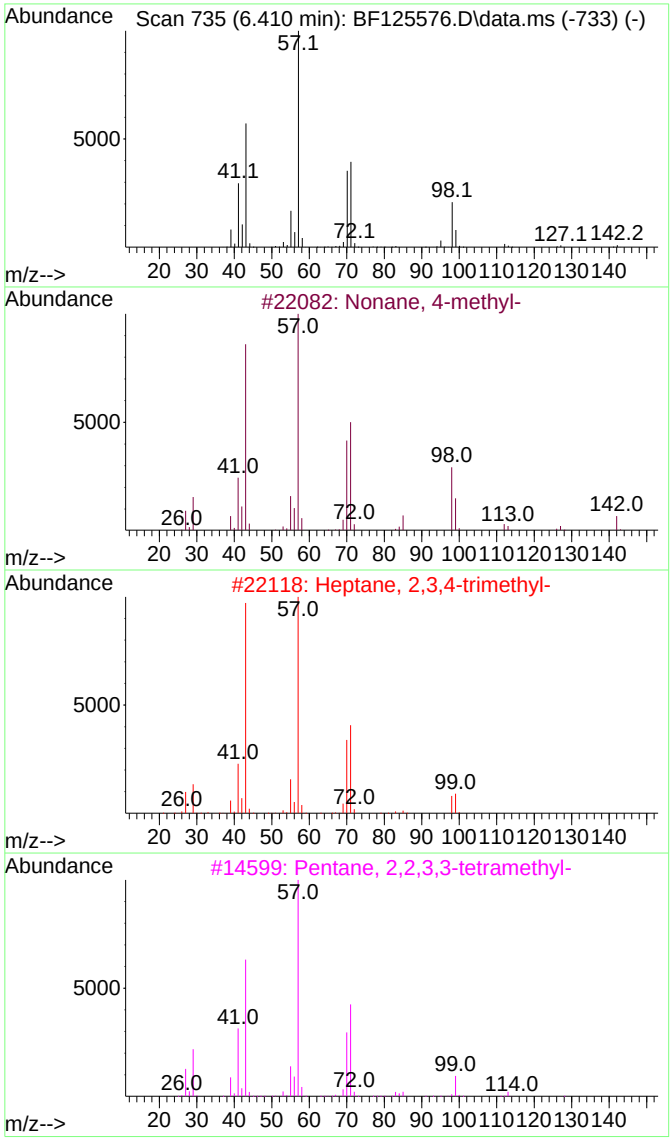
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

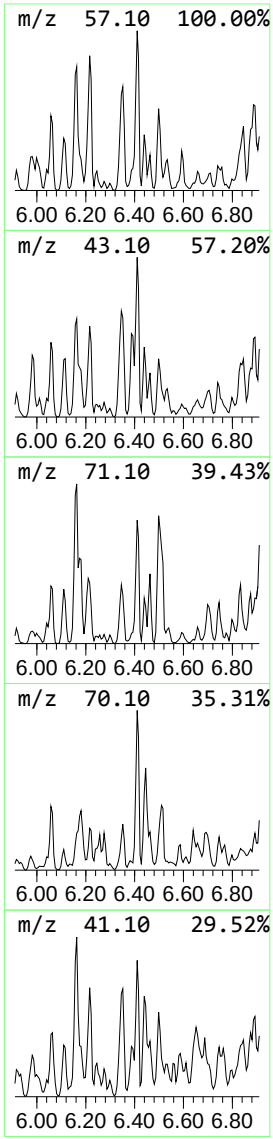
****

Peak Number 6 Nonane, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.410	20.22 ng	5512580	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	78
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	59
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	53
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125576.D
Acq On : 23 Sep 2021 00:27
Operator : JU/CG
Sample : M3798-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-01-(5-8)

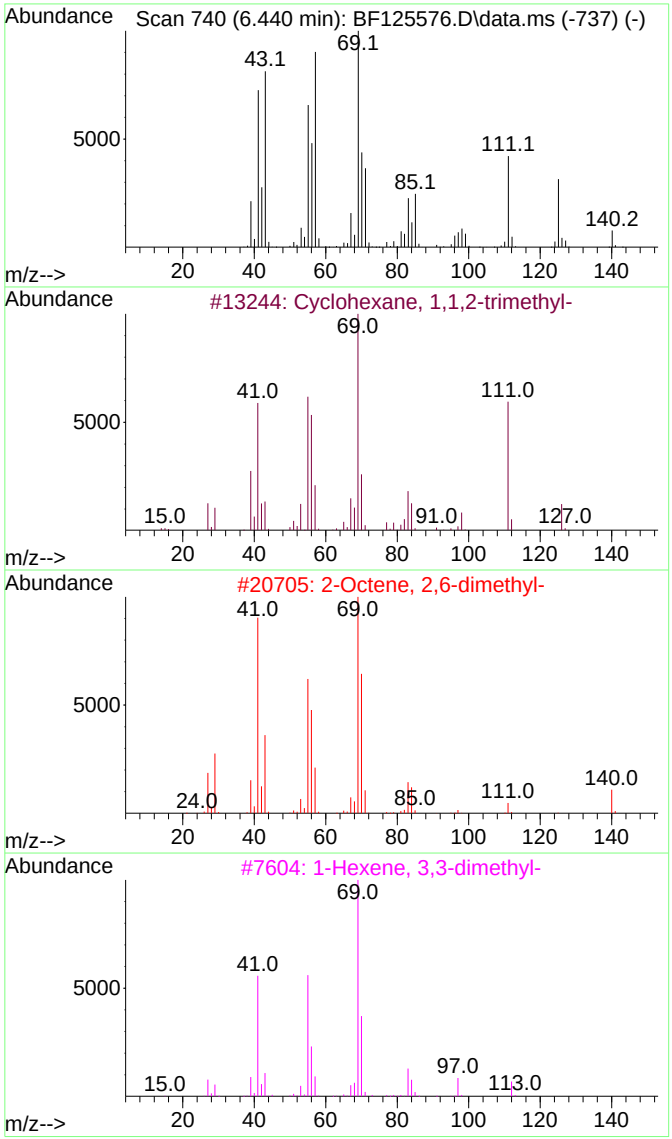
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

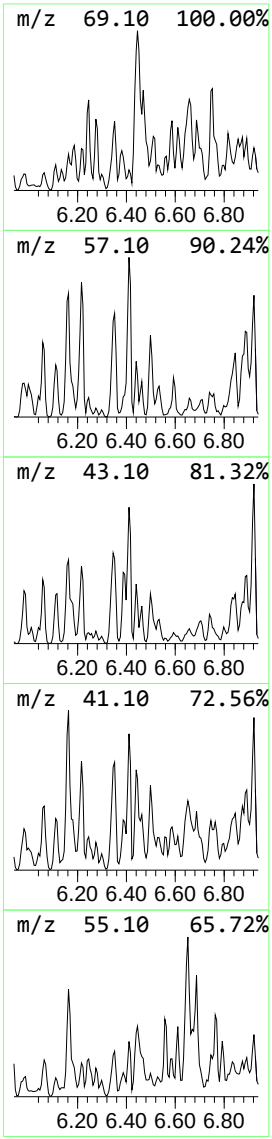
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexane, 1,1,2-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.440	23.21 ng	6327650	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	64
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	49
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46
4	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	43
5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125576.D
Acq On : 23 Sep 2021 00:27
Operator : JU/CG
Sample : M3798-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-01-(5-8)

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

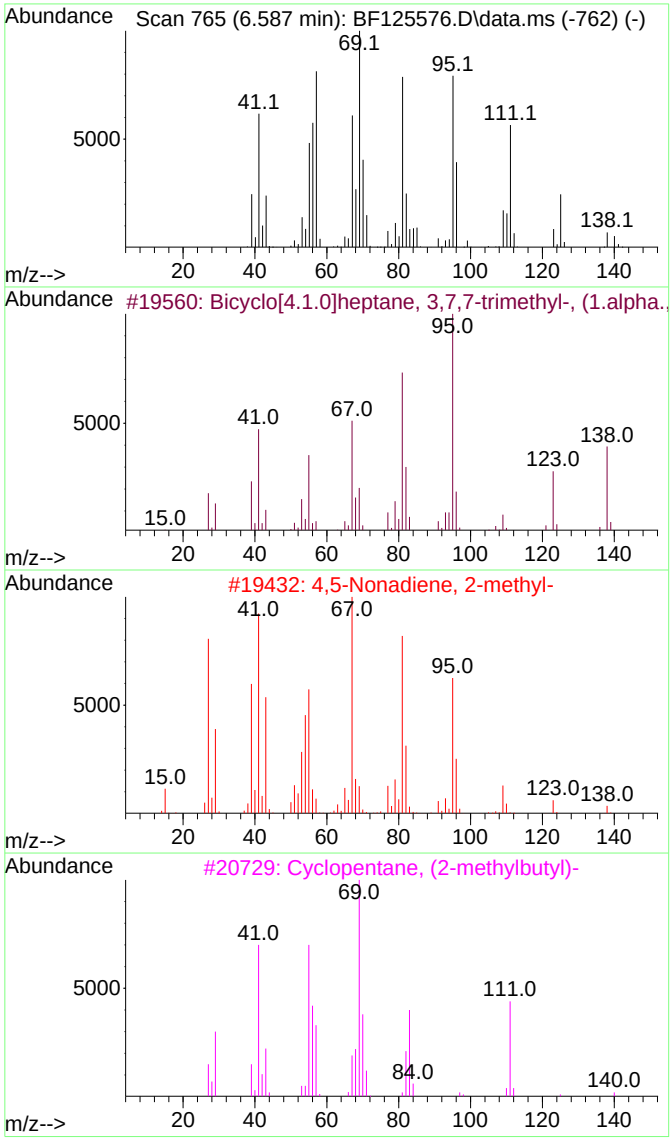
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

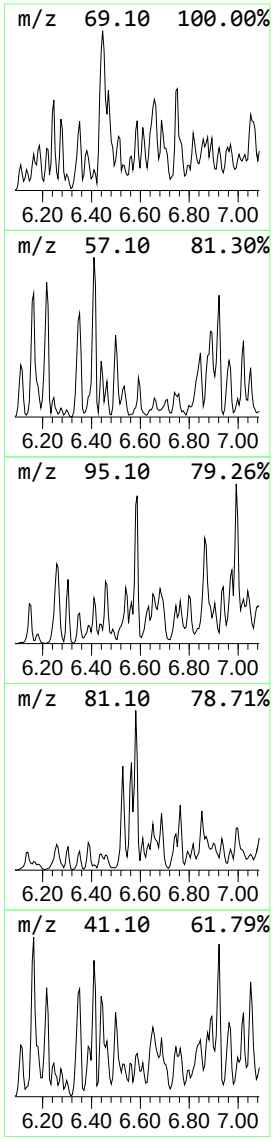
****

Peak Number 8 unknown6.587 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.587	12.54 ng	3419760	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	46
2	4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	46
3	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	42
4	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	006069-97-2	41
5	7-Methyl-8-oxabicyclo[4.3.0]nonane	140	C9H16O	1000216-87-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125576.D
Acq On : 23 Sep 2021 00:27
Operator : JU/CG
Sample : M3798-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-01-(5-8)

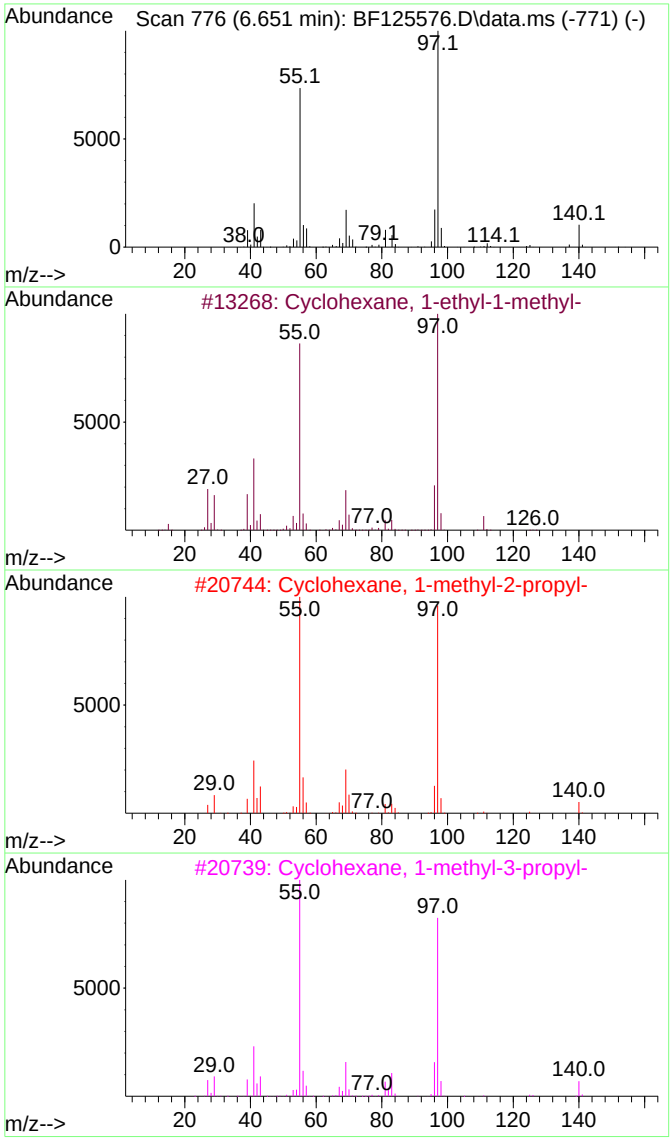
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

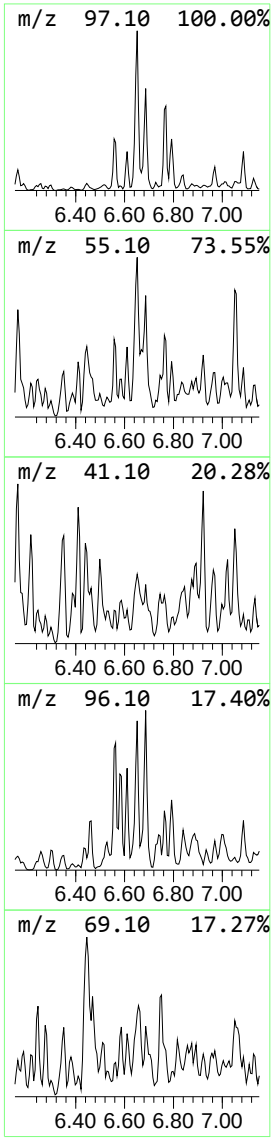
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexane, 1-ethyl-1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.651	30.52 ng	8321290	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	80
2	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	80
3	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	74
4	Semustine	247	C10H18ClN3O2	013909-09-6	72
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125576.D
Acq On : 23 Sep 2021 00:27
Operator : JU/CG
Sample : M3798-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUB-SLAB-01-(5-8)

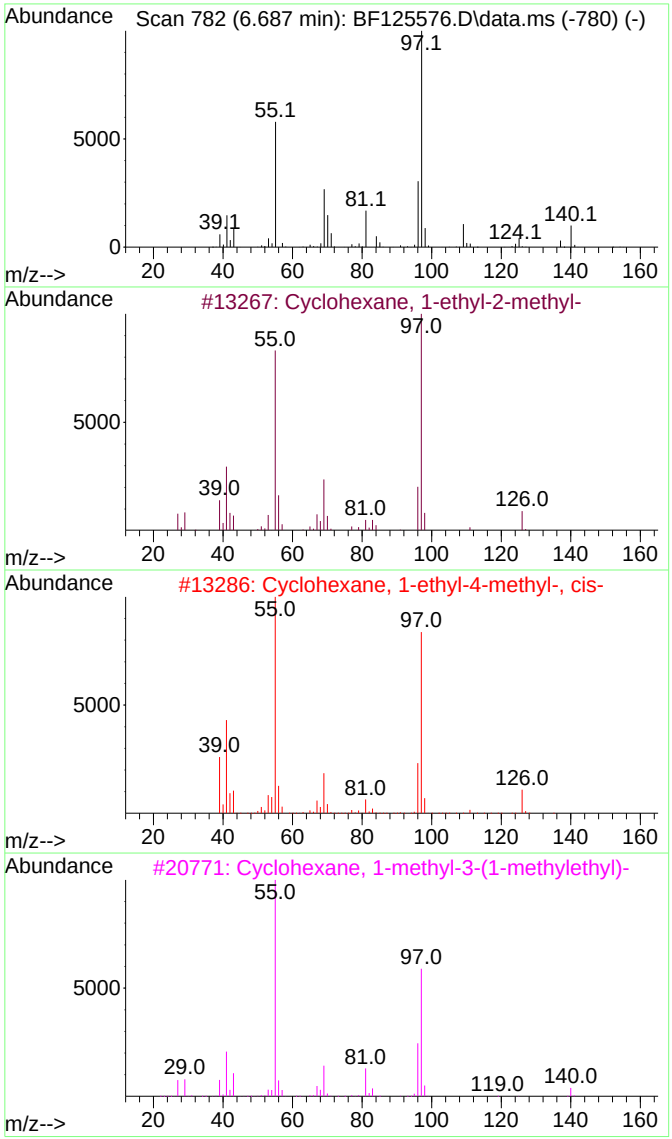
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

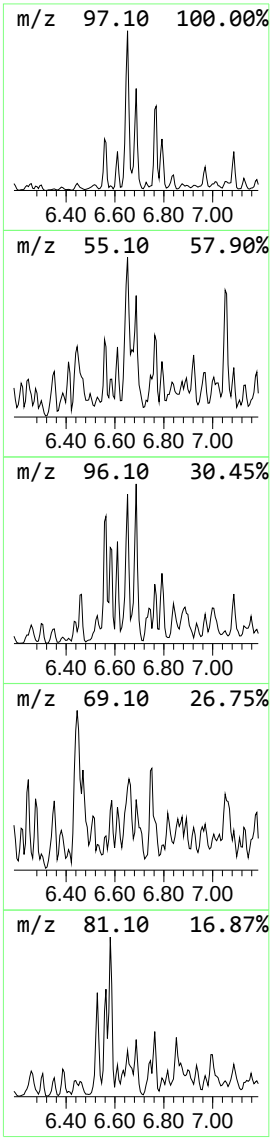
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.687	18.80 ng	5125970	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	64
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	59
3	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	59
4	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	59
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125576.D
Acq On : 23 Sep 2021 00:27
Operator : JU/CG
Sample : M3798-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-01-(5-8)

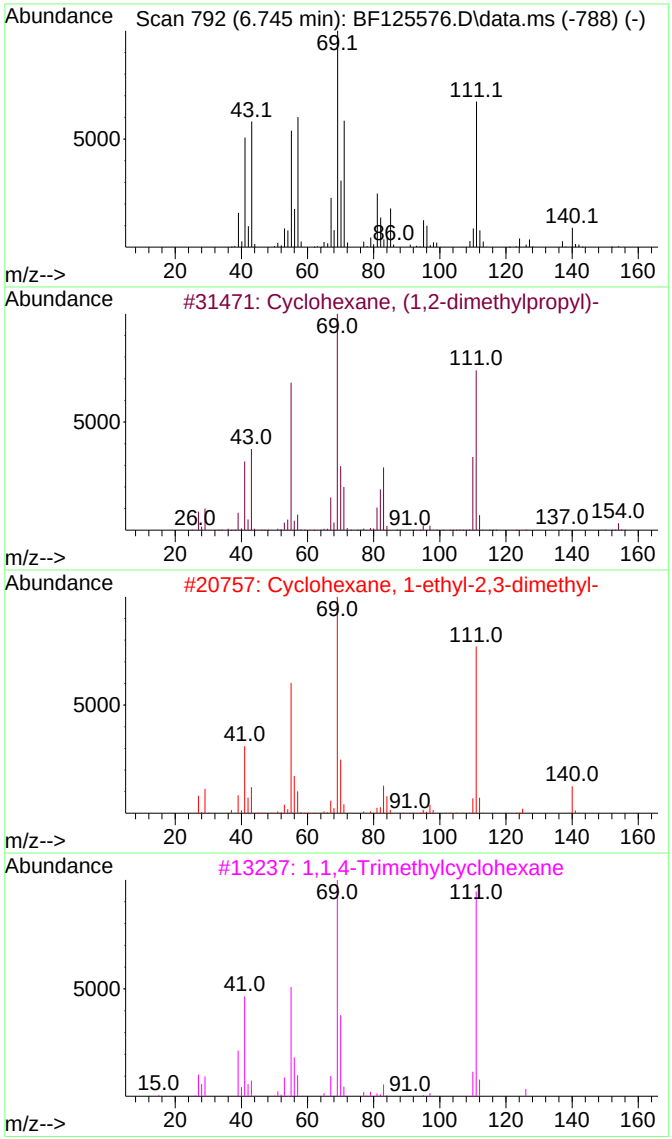
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

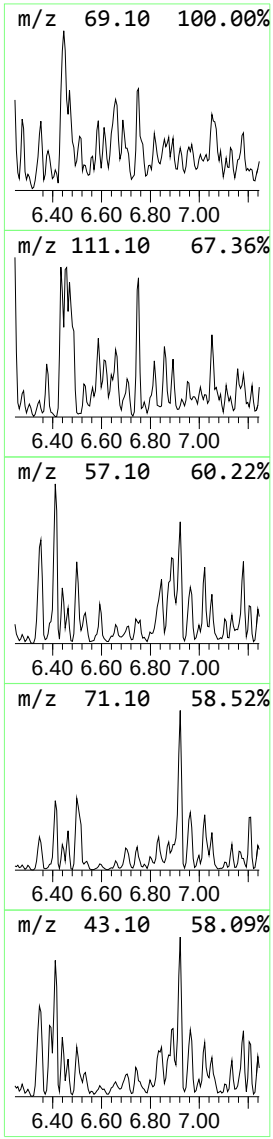
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclohexane, (1,2-dimethylp... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.745	13.70 ng	3734750	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	50
2	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	49
3	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	47
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	43
5	Cyclooctane, ethyl-	140	C10H20	013152-02-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125576.D
Acq On : 23 Sep 2021 00:27
Operator : JU/CG
Sample : M3798-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-01-(5-8)

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

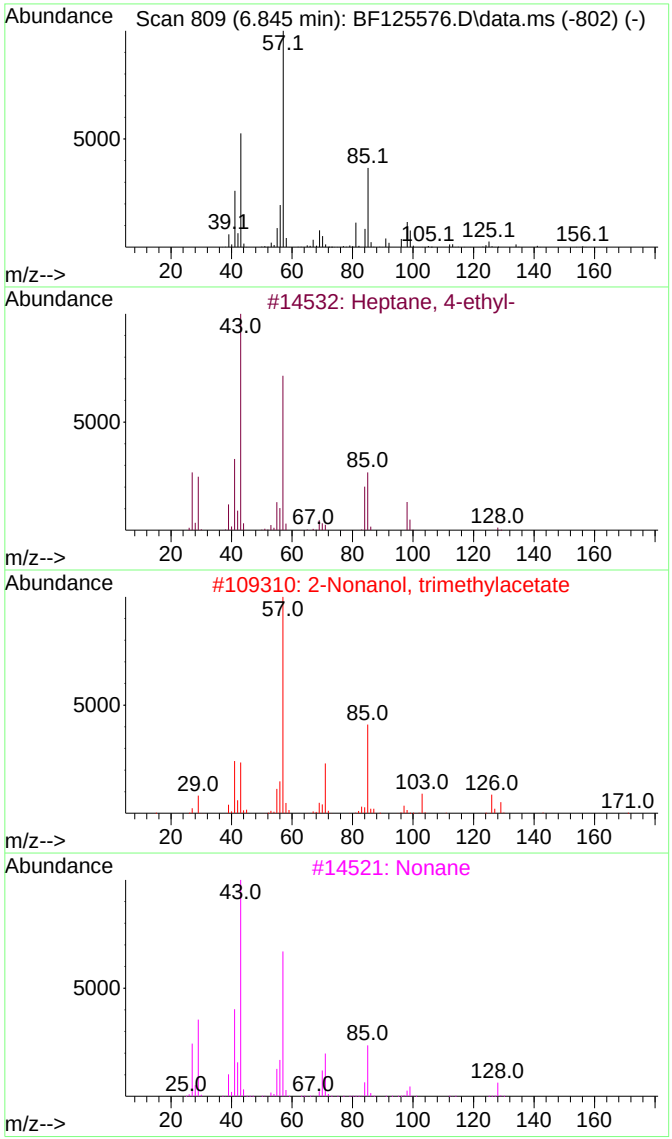
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

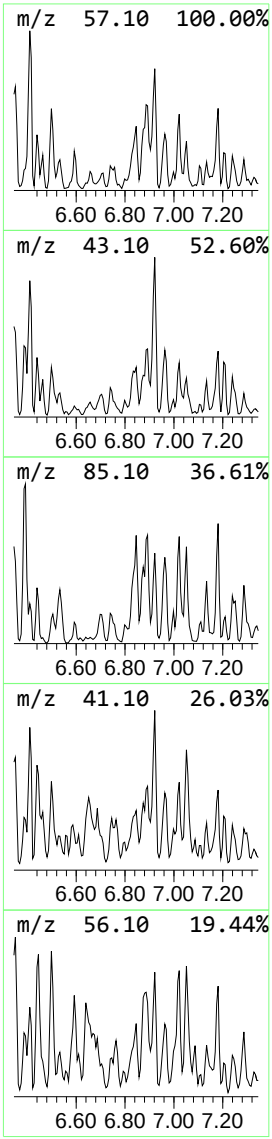
****

Peak Number 12 Heptane, 4-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.845	24.08 ng	6565160	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-	128	C9H20	002216-32-2	50
2	2-Nonanol, trimethylacetate	228	C14H28O2	1000463-21-6	50
3	Nonane	128	C9H20	000111-84-2	47
4	Octane, 3-methyl-	128	C9H20	002216-33-3	43
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125576.D
Acq On : 23 Sep 2021 00:27
Operator : JU/CG
Sample : M3798-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-01-(5-8)

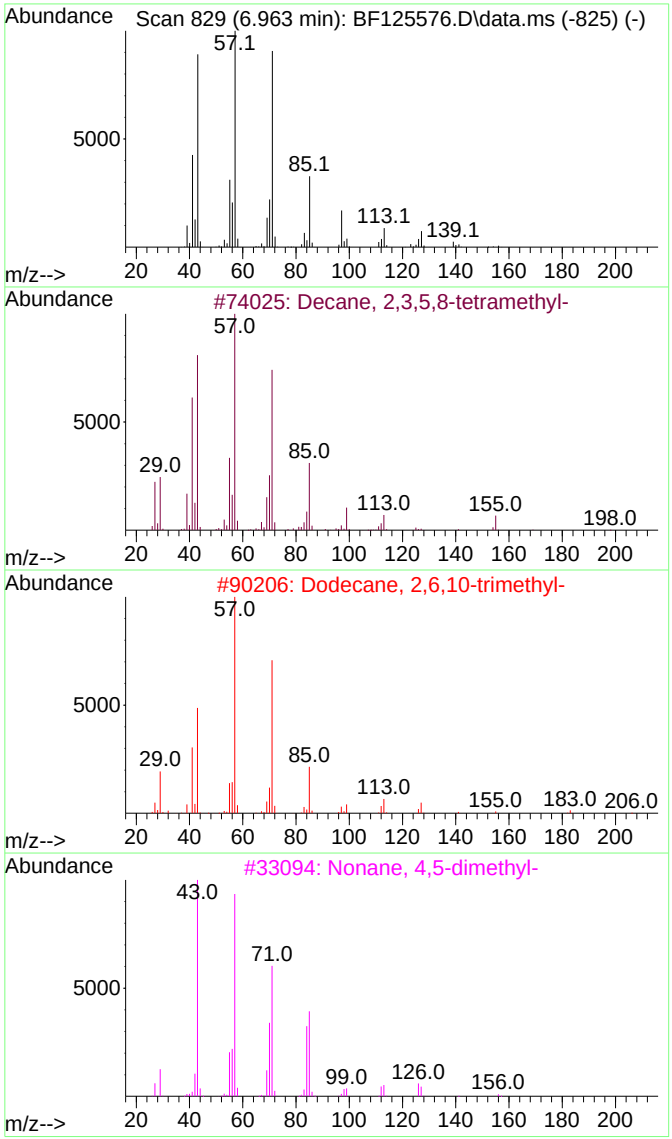
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

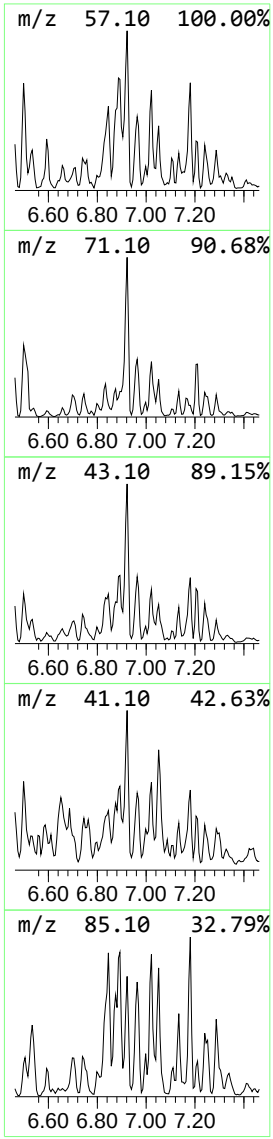
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Decane, 2,3,5,8-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.963	19.72 ng	5376420	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	78
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
3	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	64
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
5	Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125576.D
Acq On : 23 Sep 2021 00:27
Operator : JU/CG
Sample : M3798-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-01-(5-8)

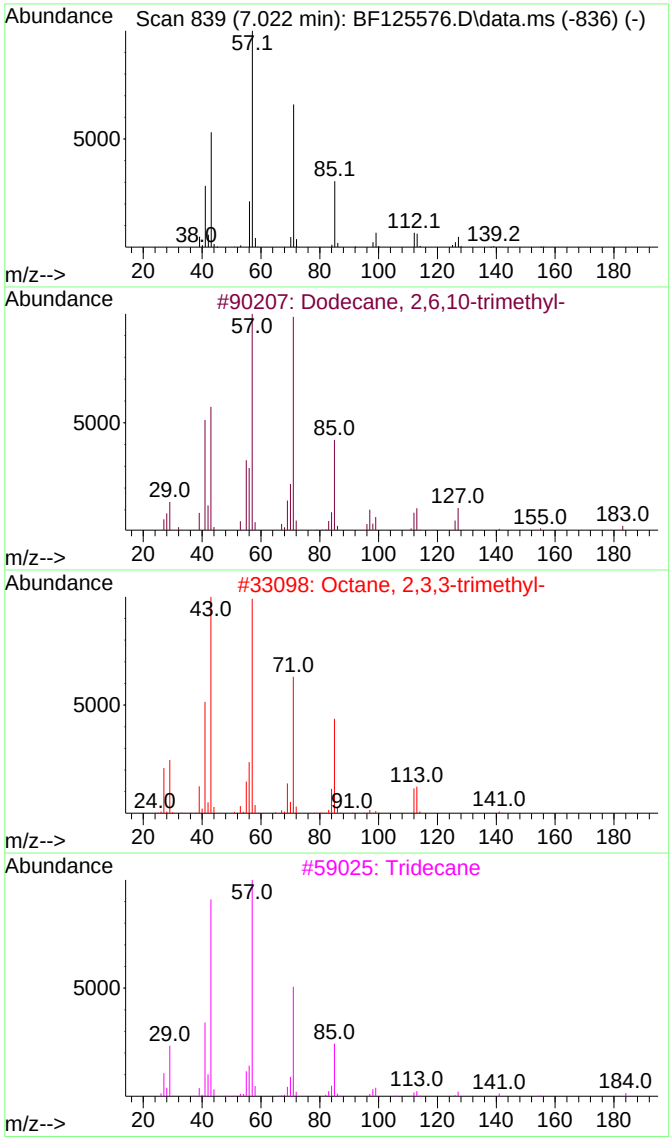
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

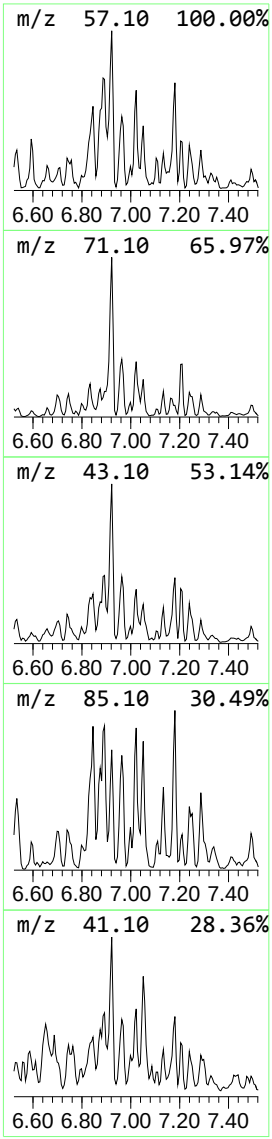
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Dodecane, 2,6,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.022	16.76 ng	4568620	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	78
2	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	64
3	Tridecane	184	C13H28	000629-50-5	64
4	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	59
5	Heptacosane	380	C27H56	000593-49-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125576.D
Acq On : 23 Sep 2021 00:27
Operator : JU/CG
Sample : M3798-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-01-(5-8)

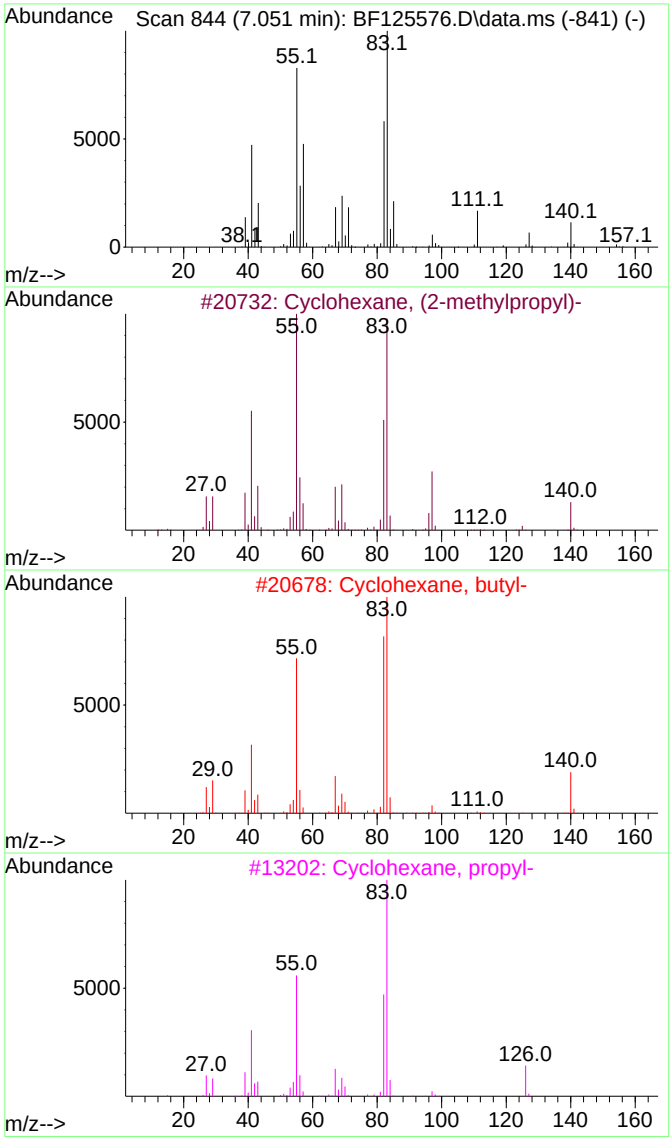
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

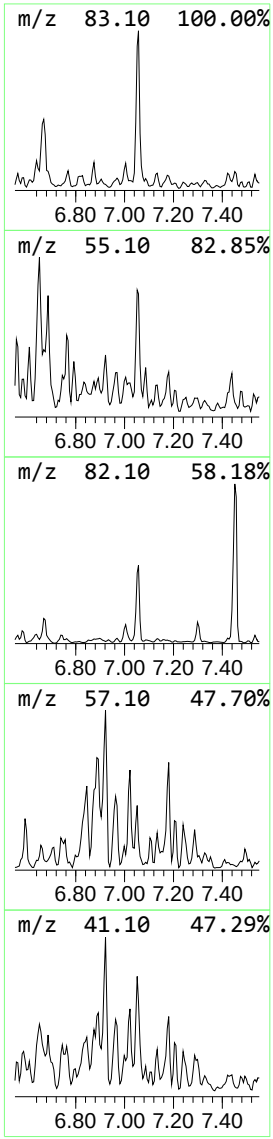
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclohexane, (2-methylpropyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.051	26.86 ng	7323380	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	81
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	76
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	53
4	1,2,4-Triazol-1-ylacetic acid	127	C4H5N3O2	028711-29-7	49
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125576.D
Acq On : 23 Sep 2021 00:27
Operator : JU/CG
Sample : M3798-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUB-SLAB-01-(5-8)

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

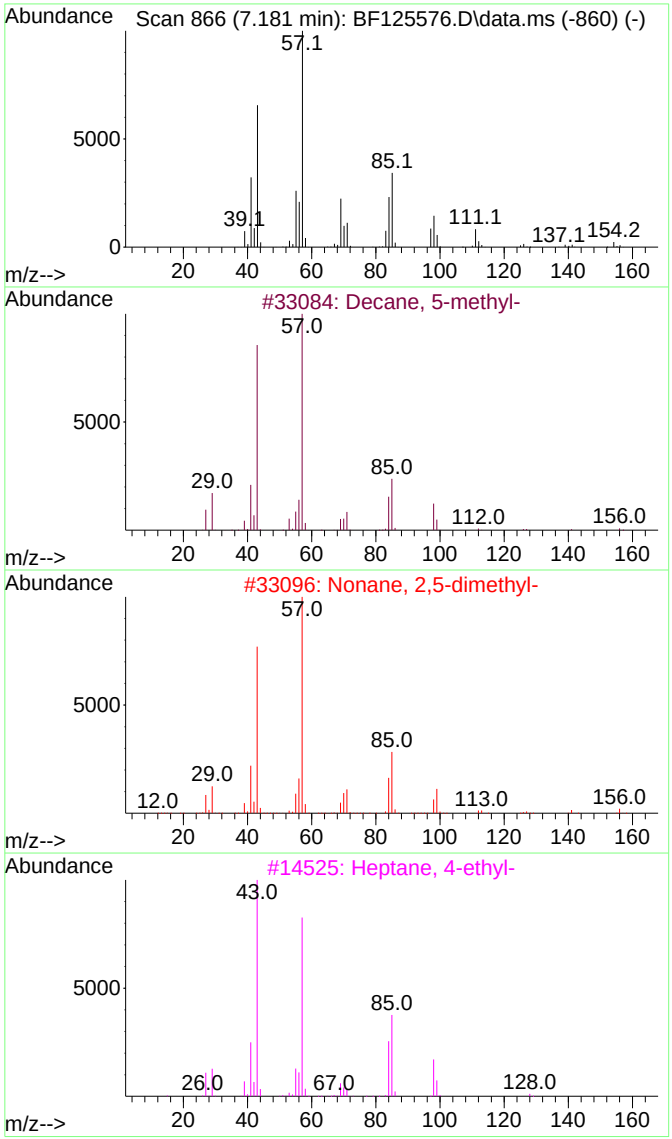
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

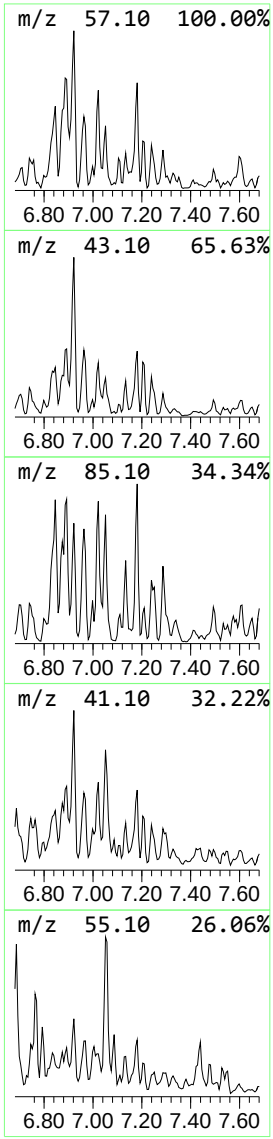
****

Peak Number 16 Decane, 5-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.181	19.76 ng	5387150	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	90
2	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	87
3	Heptane, 4-ethyl-	128	C9H20	002216-32-2	64
4	Oxalic acid, heptyl isohexyl ester	272	C15H28O4	1000309-33-1	53
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125576.D
Acq On : 23 Sep 2021 00:27
Operator : JU/CG
Sample : M3798-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-01-(5-8)

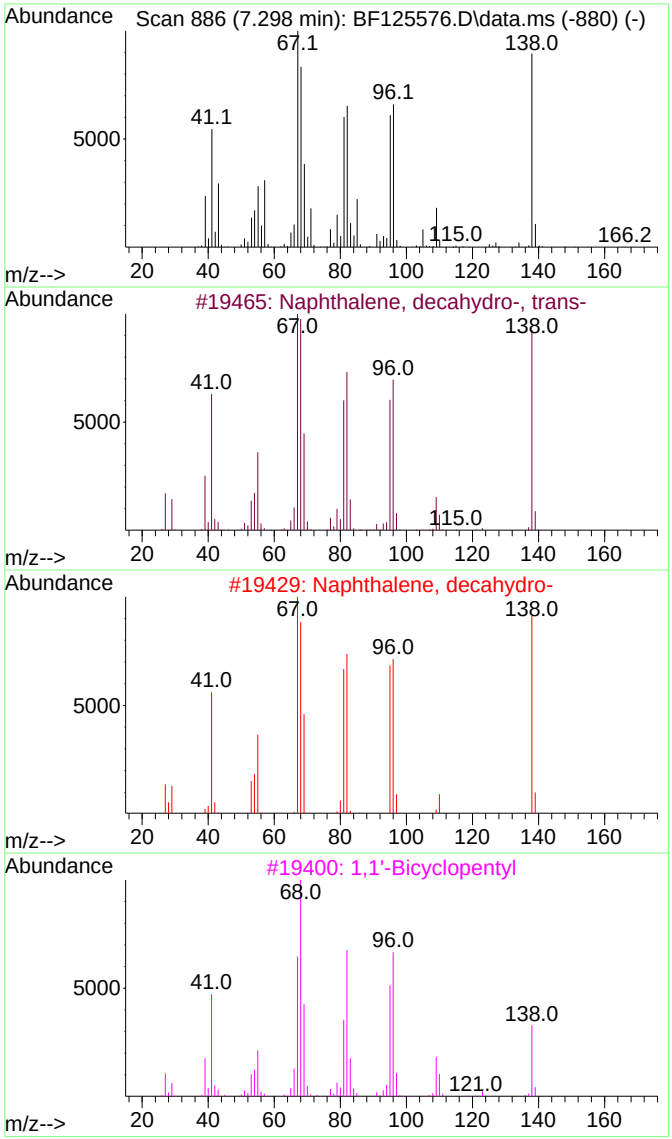
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

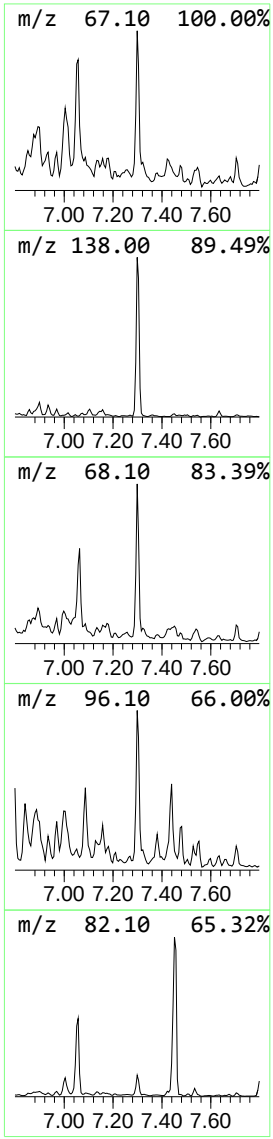
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.298	14.80 ng	4035700	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	93
3	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	74
4	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	74
5	Cyclohexene, 1-methyl-4-(1-methy...	138	C10H18	001195-31-9	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125576.D
Acq On : 23 Sep 2021 00:27
Operator : JU/CG
Sample : M3798-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUB-SLAB-01-(5-8)

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

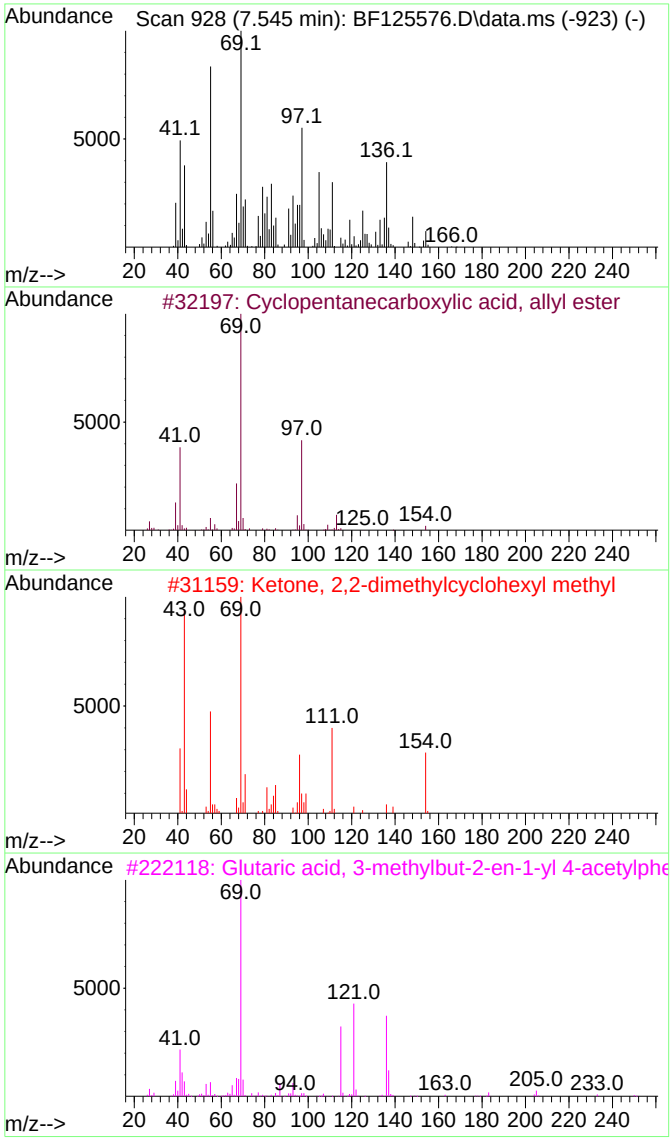
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

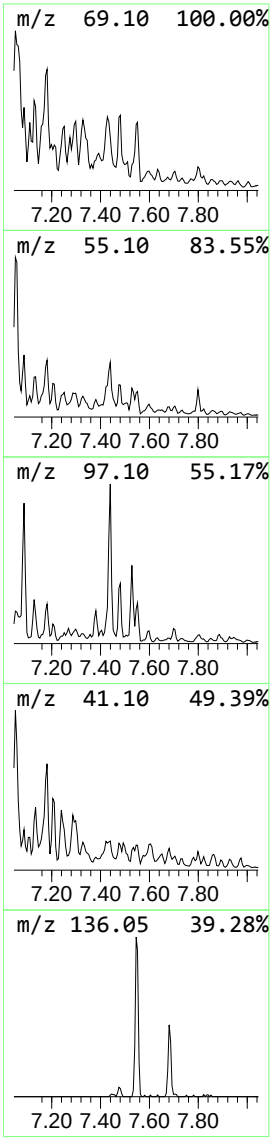
****

Peak Number 18 unknown7.545 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.545	21.25 ng	2061440	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanecarboxylic acid, all...	154	C9H14O2	178905-33-4	38
2	Ketone, 2,2-dimethylcyclohexyl m...	154	C10H18O	017983-26-5	38
3	Glutaric acid, 3-methylbut-2-en-...	318	C18H22O5	1000392-03-3	38
4	Cyclooctanemethanol	142	C9H18O	003637-63-6	35
5	Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125576.D
Acq On : 23 Sep 2021 00:27
Operator : JU/CG
Sample : M3798-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUB-SLAB-01-(5-8)

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

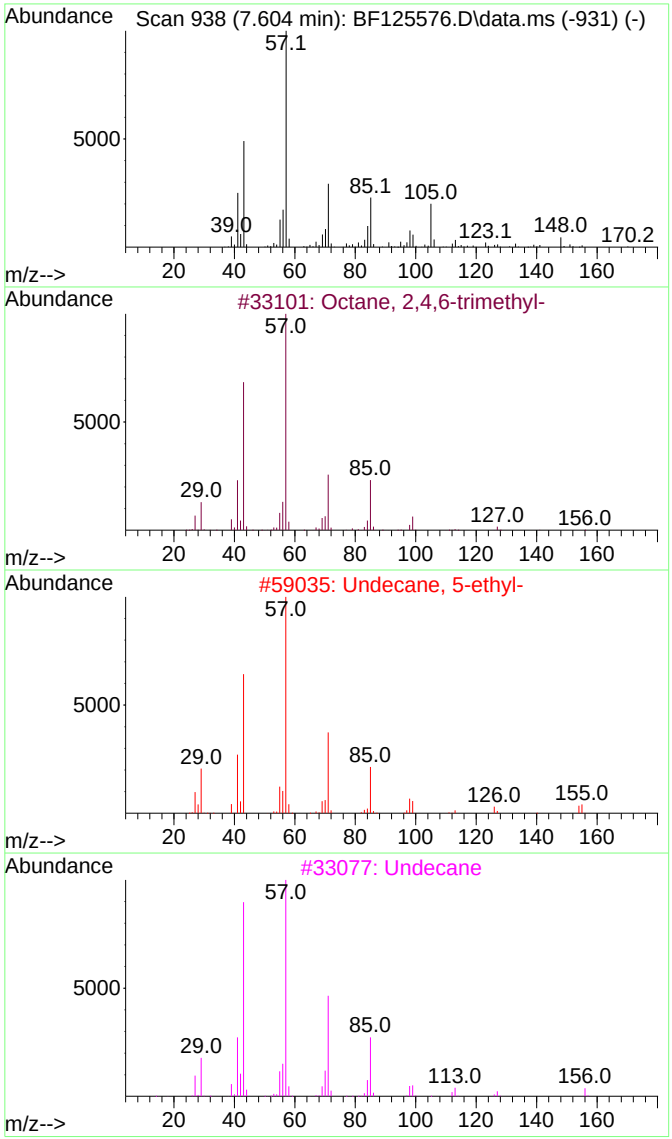
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

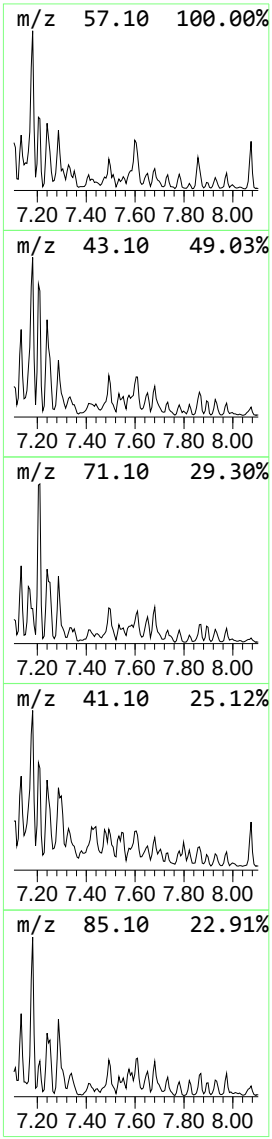
****

Peak Number 19 Octane, 2,4,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.604	23.03 ng	2234440	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	52
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	50
3	Undecane	156	C11H24	001120-21-4	47
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	46
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125576.D
Acq On : 23 Sep 2021 00:27
Operator : JU/CG
Sample : M3798-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-01-(5-8)

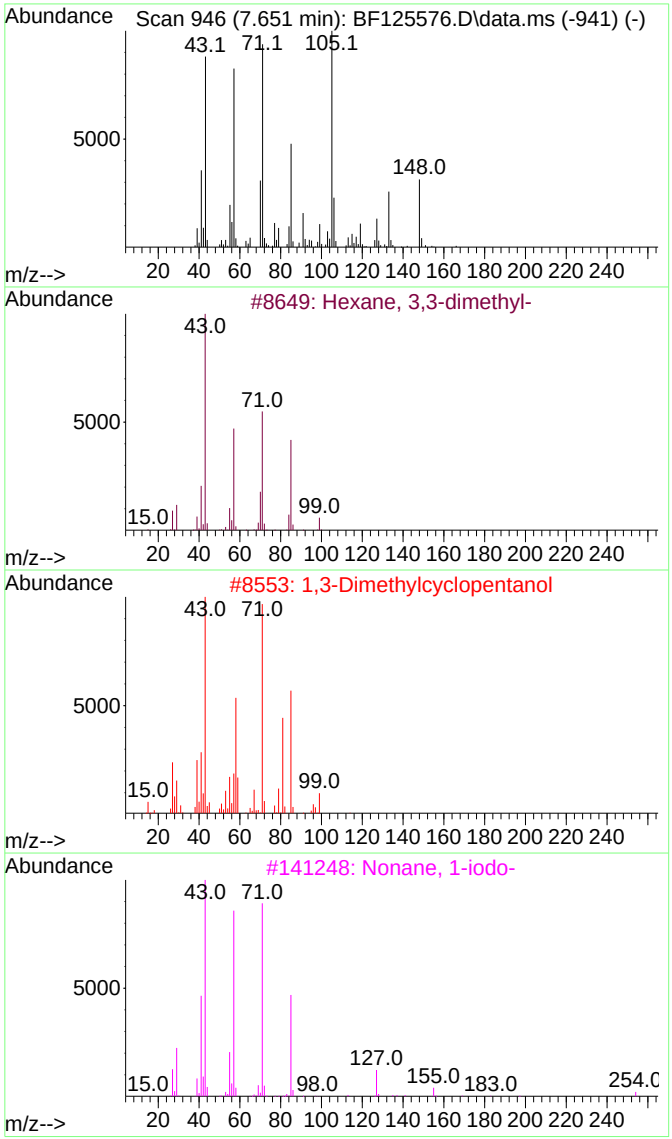
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

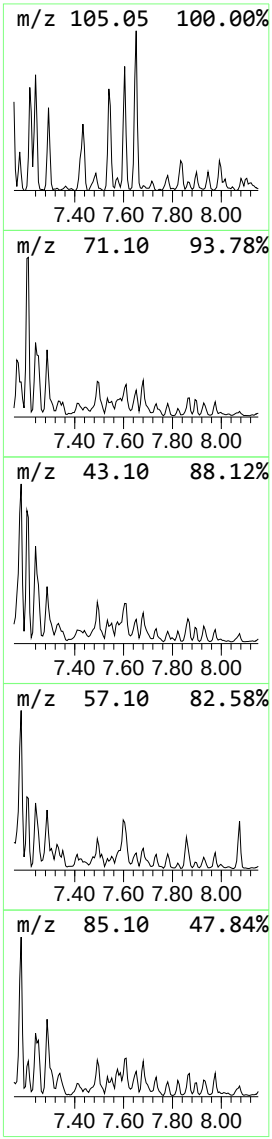
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 unknown7.651 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.651	11.65 ng	1130080	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	46
2	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	46
3	Nonane, 1-iodo-	254	C9H19I	004282-42-2	46
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	43
5	Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125576.D
Acq On : 23 Sep 2021 00:27
Operator : JU/CG
Sample : M3798-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUB-SLAB-01-(5-8)

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
Pentane, 2,2,3,...	6.063	15.7	ng	4290230	1	6.898	5452130	20.0
Octane, 2,6-dim...	6.163	38.2	ng	10409900	1	6.898	5452130	20.0
Heptane, 3-ethy...	6.216	18.3	ng	4974030	1	6.898	5452130	20.0
Decane, 2,5,6-t...	6.351	23.4	ng	6384940	1	6.898	5452130	20.0
Nonane, 5-methyl-	6.387	11.7	ng	3185450	1	6.898	5452130	20.0
Nonane, 4-methyl-	6.410	20.2	ng	5512580	1	6.898	5452130	20.0
Cyclohexane, 1,...	6.440	23.2	ng	6327650	1	6.898	5452130	20.0
unknown6.587	6.587	12.5	ng	3419760	1	6.898	5452130	20.0
Cyclohexane, 1-...	6.651	30.5	ng	8321290	1	6.898	5452130	20.0
Cyclohexane, 1-...	6.687	18.8	ng	5125970	1	6.898	5452130	20.0
Cyclohexane, (1...	6.745	13.7	ng	3734750	1	6.898	5452130	20.0
Heptane, 4-ethyl-	6.845	24.1	ng	6565160	1	6.898	5452130	20.0
Decane, 2,3,5,8...	6.963	19.7	ng	5376420	1	6.898	5452130	20.0
Dodecane, 2,6,1...	7.022	16.8	ng	4568620	1	6.898	5452130	20.0
Cyclohexane, (2...	7.051	26.9	ng	7323380	1	6.898	5452130	20.0
Decane, 5-methyl-	7.181	19.8	ng	5387150	1	6.898	5452130	20.0
Naphthalene, de...	7.298	14.8	ng	4035700	1	6.898	5452130	20.0
unknown7.545	7.545	21.3	ng	2061440	2	8.175	1940240	20.0
Octane, 2,4,6-t...	7.604	23.0	ng	2234440	2	8.175	1940240	20.0
unknown7.651	7.651	11.7	ng	1130080	2	8.175	1940240	20.0