LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125597.D
Acq On : 23 Sep 2021 18:01
Operator : JU/CG
Sample : M3798-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUPLICATE-2

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: BF125597.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	26	rVB	1422533	1776518	20.01%	0.946%
2	5.057	497	505	507	rBV2	119463	168410	1.90%	0.090%
3	5.128	513	517	522	rVB2	123498	135105	1.52%	0.072%
4	5.328	545	551	554	rBV	416314	443535	4.99%	0.236%
5	5.357	554	556	561	rVB3	87125	117538	1.32%	0.063%
6	5.410	561	565	567	rBV	431223	390516	4.40%	0.208%
7	5.434	567	569	572	rVB	223111	177575	2.00%	0.095%
8	5.510	574	582	585	rBV	4434642	4336652	48.84%	2.310%
9	5.581	590	594	596	rVV	146701	156072	1.76%	0.083%
10	5.604	596	598	601	rVV	220374	192992	2.17%	0.103%
11	5.645	601	605	608	rVV2	244466	255481	2.88%	0.136%
12	5.681	608	611	616	rVV3	376041	567186	6.39%	0.302%
13	5.728	616	619	622	rVV	876473	766572	8.63%	0.408%
14	5.769	622	626	628	rVV	532286	620989	6.99%	0.331%
15	5.816	632	634	636	rVV	289305	254627	2.87%	0.136%
16	5.834	636	637	641	rVB	236825	168637	1.90%	0.090%
17	5.922	647	652	653	rBV2	1136785	1367187	15.40%	0.728%
18	5.981	657	662	664	rBV2	1760746	2233284	25.15%	1.190%
19	6.039	669	672	673	rVV	679353	659345	7.42%	0.351%
20	6.057	673	675	680	rVV3	2756137	3095694	34.86%	1.649%
21	6.110	680	684	687	rVV	1975610	2226849	25.08%	1.186%
22	6.157	687	692	698	rVV2	5498633	8880198	100.00%	4.731%
23	6.216	698	702	704	rVV2	4001173	4226666	47.60%	2.252%
24	6.239	704	706	710	rVV3	1499663	2211262	24.90%	1.178%
25	6.275	710	712	714	rVV	1296490	1140738	12.85%	0.608%
26	6.298	714	716	719	rVV2	786392	713466	8.03%	0.380%
27	6.345	719	724	727	rVV	4158946	5329401	60.01%	2.839%
28	6.386	727	731	733	rVV3	2498219	3036014	34.19%	1.617%
29	6.410	733	735	737	rVV	5759343	4616397	51.99%	2.459%
30	6.439	737	740	742	rVV2	4566900	5100977	57.44%	2.717%
31	6.463	742	744	747	rVV2	2358666	2659566	29.95%	1.417%
32	6.498	747	750	754	rVV2	4205333	7072112	79.64%	3.768%
33	6.528	754	755	758	rVV3	1597177	1673063	18.84%	0.891%
34	6.557	758	760	762	rVV	1913765	1801104	20.28%	0.960%
35	6.581	762	764	767	rVV3	2336964	2808991	31.63%	1.496%
36	6.610	767	769	771	rVV	1527945	1525570	17.18%	0.813%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125597.D
Acq On : 23 Sep 2021 18:01
Operator : JU/CG
Sample : M3798-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUPLICATE-2

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	6.651	771	776	780	rVV4	3698602	6982951	78.64%	3.720%
38	6.686	780	782	788	rVV4	2931291	4093023	46.09%	2.180%
39	6.745	788	792	793	rVV2	2366151	2857312	32.18%	1.522%
40	6.763	793	795	798	rVV	2315296	2441480	27.49%	1.301%
41	6.792	798	800	802	rVV2	1347855	1511167	17.02%	0.805%
42	6.845	802	809	811	rVV5	2352589	5429617	61.14%	2.893%
43	6.875	811	814	815	rVV3	2563622	3255792	36.66%	1.734%
44	6.892	815	817	819	rVV3	3824158	4566232	51.42%	2.433%
45	6.922	819	822	825	rVV	5862580	6226754	70.12%	3.317%
46	6.963	825	829	832	rVV2	3093773	4344965	48.93%	2.315%
47	6.998	832	835	836	rVV2	1742145	1930332	21.74%	1.028%
48	7.016	836	838	841	rVV	3079254	3642481	41.02%	1.940%
49	7.051	841	844	848	rVV	4866684	5987673	67.43%	3.190%
50	7.086	848	850	852	rVV	1311229	1346358	15.16%	0.717%
51	7.104	852	853	855	rVV2	1028601	824209	9.28%	0.439%
52	7.133	855	858	860	rVV2	1780856	2134348	24.03%	1.137%
53	7.175	860	865	868	rVV2	3062679	4378041	49.30%	2.332%
54	7.204	868	870	873	rVV	2371004	2362859	26.61%	1.259%
55	7.239	873	876	880	rVV2	1920677	2610248	29.39%	1.391%
56	7.298	880	886	888	rVV3	1814546	3193689	35.96%	1.701%
57	7.328	888	891	897	rVV4	840117	1740894	19.60%	0.927%
58	7.380	897	900	902	rVV2	410207	624948	7.04%	0.333%
59	7.451	902	912	914	rVV2	2936135	5075497	57.16%	2.704%
60	7.475	914	916	918	rVV	966663	1091516	12.29%	0.581%
61	7.492	918	919	923	rVV2	902211	955779	10.76%	0.509%
62	7.545	923	928	931	rVV4	984787	1695047	19.09%	0.903%
63	7.604	931	938	941	rVV3	806184	1811497	20.40%	0.965%
64	7.651	941	946	948	rVV3	556526	957819	10.79%	0.510%
65	7.680	948	951	953	rVV	723008	860384	9.69%	0.458%
66	7.704	953	955	958	rVV2	473019	540579	6.09%	0.288%
67	7.733	958	960	964	rVV	283758	358930	4.04%	0.191%
68	7.780	964	968	969	rVV	442395	485337	5.47%	0.259%
69	7.798	969	971	973	rVV	501985	456011	5.14%	0.243%
70	7.822	973	975	979	rVV3	471231	607872	6.85%	0.324%
71	7.863	979	982	985	rVV2	450505	555257	6.25%	0.296%
72	7.892	985	987	990	rVV	286650	286667	3.23%	0.153%
73	7.928	990	993	998	rVV3	272899	403942	4.55%	0.215%
74	7.975	998	1001	1003	rVV	264992	272664	3.07%	0.145%
75	7.998	1003	1005	1011	rVV5	118877	180716	2.04%	0.096%
76	8.075	1014	1018	1021	rVV	499576	477898	5.38%	0.255%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125597.D
Acq On : 23 Sep 2021 18:01
Operator : JU/CG
Sample : M3798-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUPLICATE-2

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	8.127	1023	1027	1030	rVV4	114069	169281	1.91%	0.090%
78	8.175	1030	1035	1038	rVV	1904020	1828124	20.59%	0.974%
79	8.239	1042	1046	1048	rVB3	222799	222526	2.51%	0.119%
80	8.469	1082	1085	1092	rVB4	77247	110044	1.24%	0.059%
81	9.251	1213	1218	1221	rBV	5354165	4623771	52.07%	2.463%
82	9.933	1329	1334	1337	rBV	1872174	1768115	19.91%	0.942%
83	10.586	1439	1445	1448	rBV	128468	150086	1.69%	0.080%
84	10.716	1462	1467	1476	rBV	3275383	2988875	33.66%	1.592%
85	10.851	1485	1490	1493	rBV	227313	288863	3.25%	0.154%
86	11.316	1566	1569	1574	rVB	154374	153662	1.73%	0.082%
87	11.416	1582	1586	1589	rBV	2320824	1844401	20.77%	0.983%
88	11.945	1670	1676	1680	rBV	664070	703984	7.93%	0.375%
89	12.727	1805	1809	1819	rBV	546154	526313	5.93%	0.280%
90	13.004	1852	1856	1859	rBV	5276682	4894089	55.11%	2.607%
91	13.480	1934	1937	1943	rBV	136319	137061	1.54%	0.073%
92	13.898	2005	2008	2017	rBV2	354203	466985	5.26%	0.249%
93	14.057	2029	2035	2038	rBV2	1922021	1965384	22.13%	1.047%
94	14.527	2112	2115	2121	rBV	108618	122346	1.38%	0.065%
95	14.845	2165	2169	2177	rBV	99808	117301	1.32%	0.062%
96	15.186	2224	2227	2234	rVB	99875	113342	1.28%	0.060%
97	15.533	2281	2286	2291	rBV	1321079	1659723	18.69%	0.884%
98	15.580	2291	2294	2301	rVB	97408	131300	1.48%	0.070%
99	16.027	2365	2370	2374	rBV2	83859	131161	1.48%	0.070%
100	16.545	2453	2458	2472	rVB	68156	129013	1.45%	0.069%

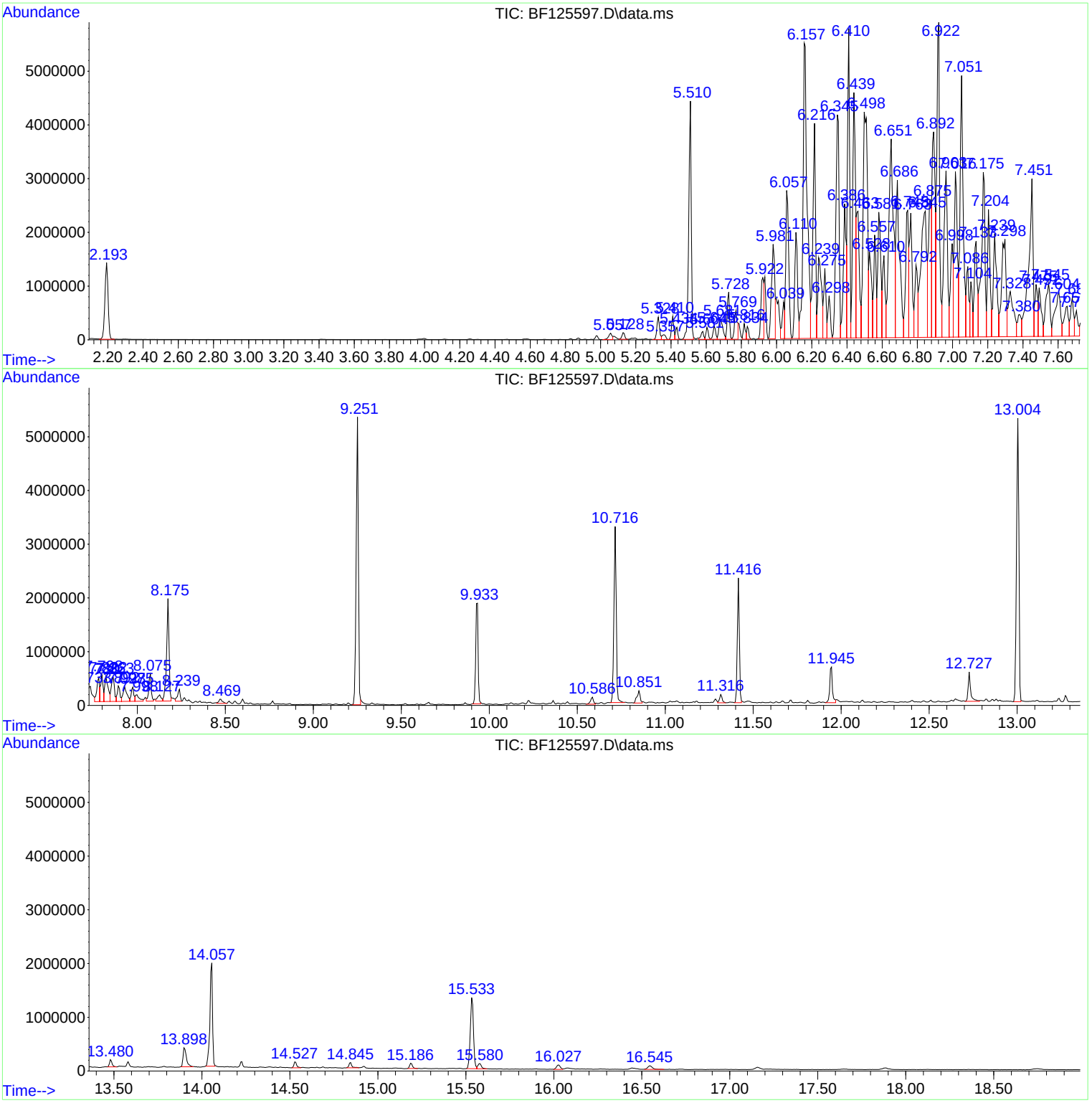
Sum of corrected areas: 187710824

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125597.D
Acq On : 23 Sep 2021 18:01
Operator : JU/CG
Sample : M3798-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUPLICATE-2

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\BF092321\
Data File : BF125597.D
Acq On : 23 Sep 2021 18:01
Operator : JU/CG
Sample : M3798-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUPLICATE-2

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

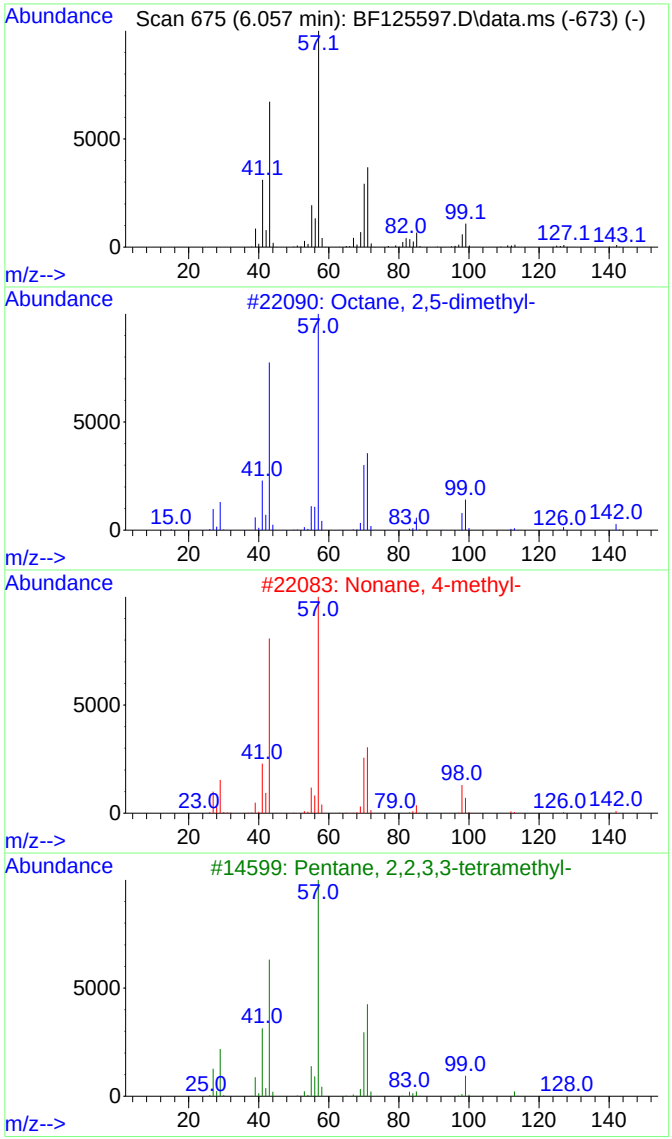
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

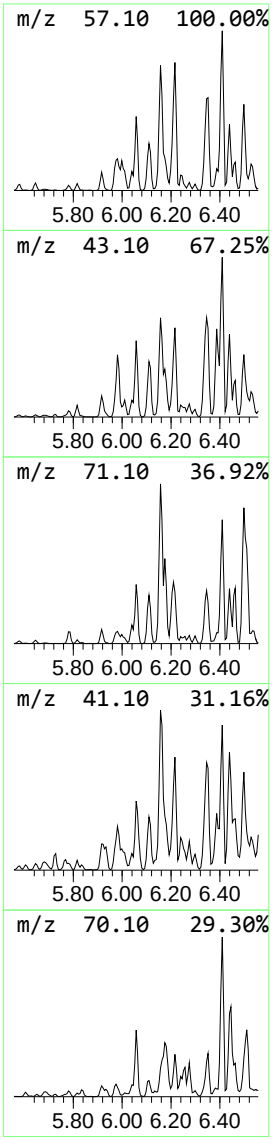
****

Peak Number 1 Octane, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.057	13.56 ng	3095690	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	86
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	83
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	72
4	Heptane, 2-methyl-	114	C8H18	000592-27-8	64
5	Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125597.D
Acq On : 23 Sep 2021 18:01
Operator : JU/CG
Sample : M3798-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUPLICATE-2

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

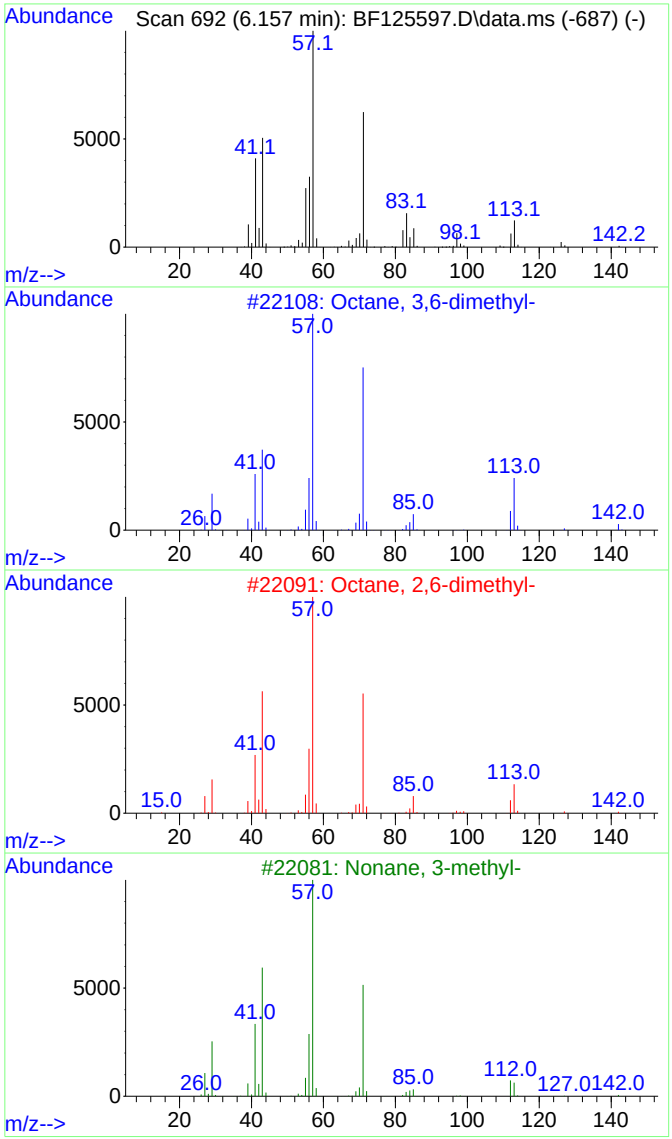
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

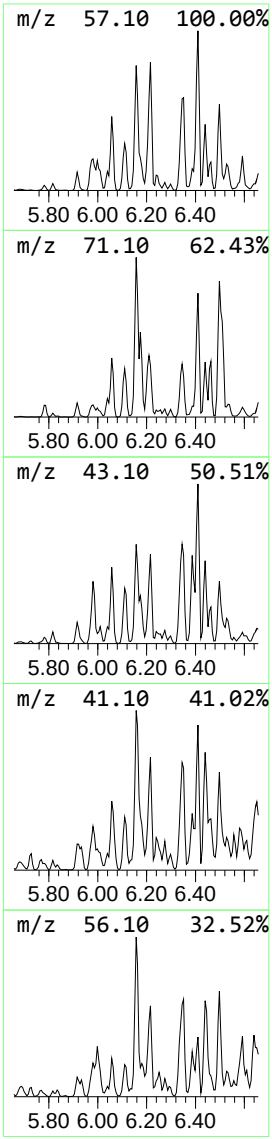
****

Peak Number 2 Octane, 3,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.157	38.90 ng	8880200	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	81
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125597.D
Acq On : 23 Sep 2021 18:01
Operator : JU/CG
Sample : M3798-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUPLICATE-2

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

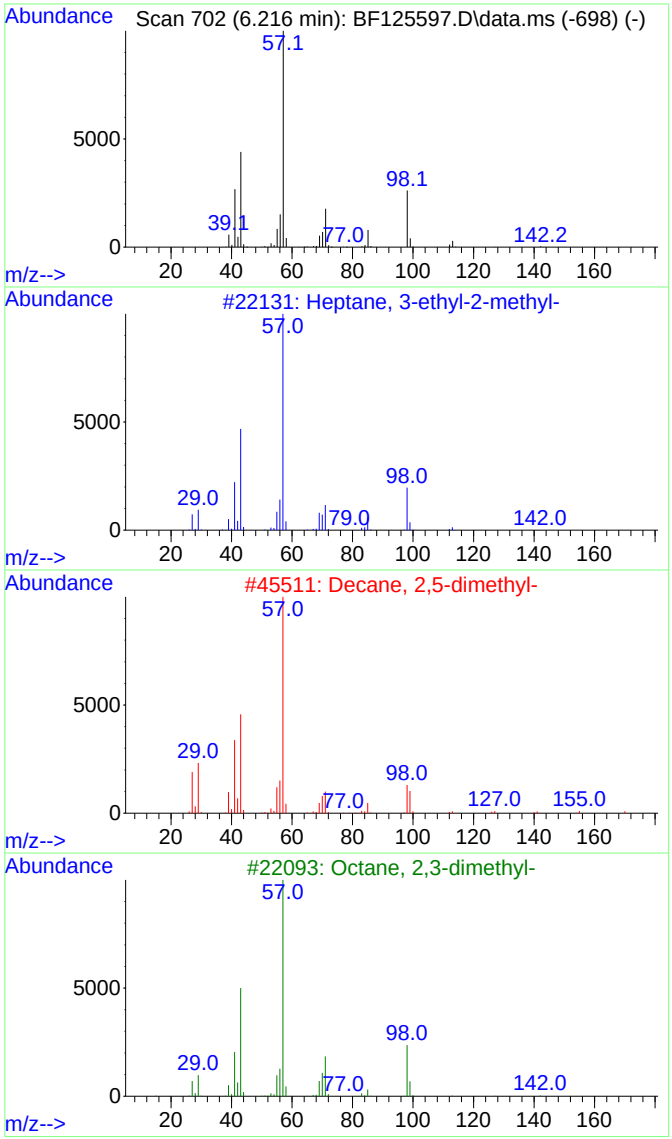
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

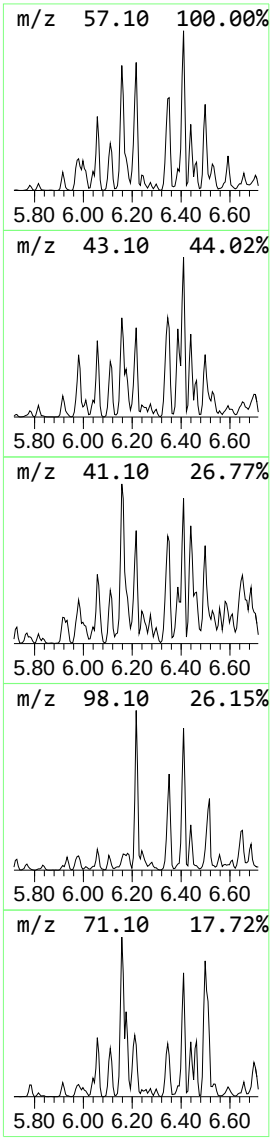
****

Peak Number 3 Heptane, 3-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.216	18.51 ng	4226670	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	78
2	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	59
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	52
4	Undecane, 6-methyl-	170	C12H26	017302-33-9	50
5	Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125597.D
Acq On : 23 Sep 2021 18:01
Operator : JU/CG
Sample : M3798-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUPLICATE-2

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

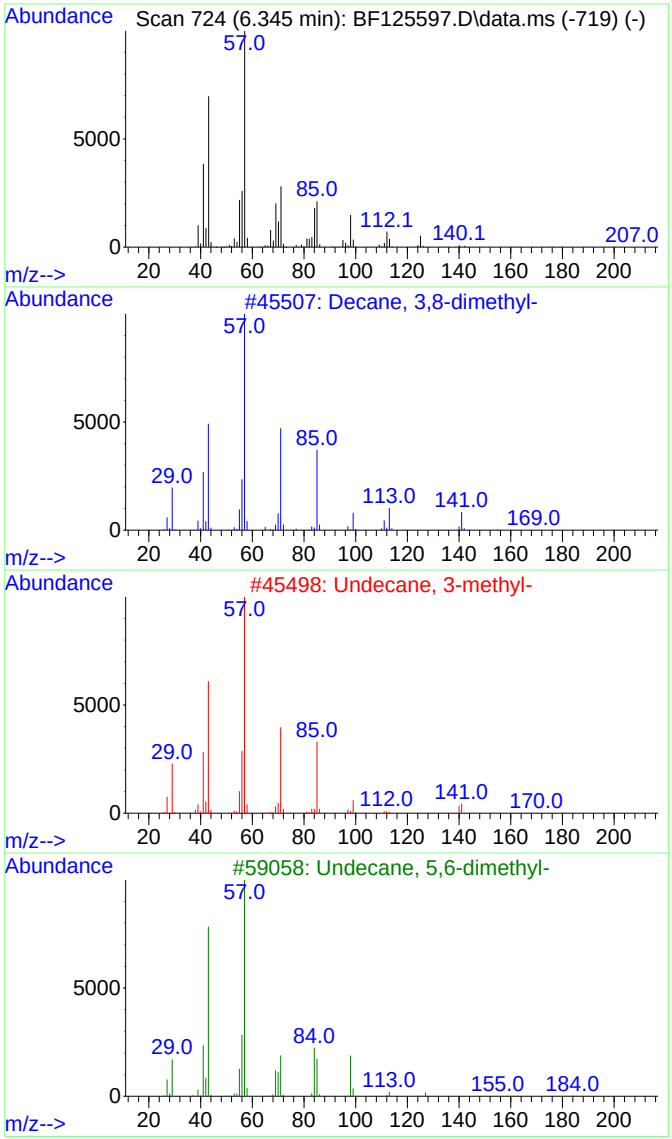
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

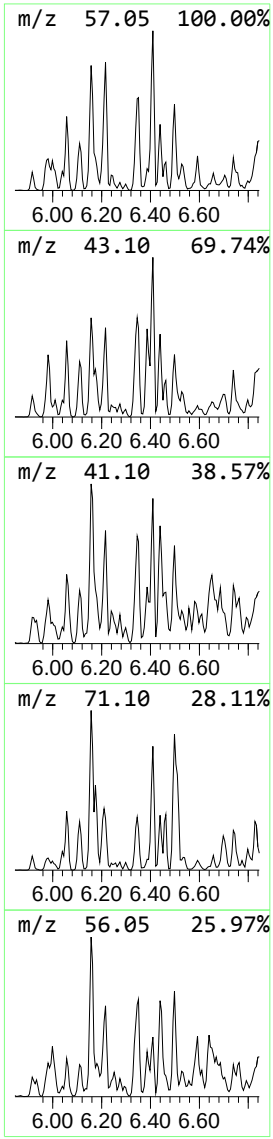
****

Peak Number 4 Decane, 3,8-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.345	23.34 ng	5329400	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	59
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	53
3	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	53
4	Decane, 5-methyl-	156	C11H24	013151-35-4	50
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125597.D
Acq On : 23 Sep 2021 18:01
Operator : JU/CG
Sample : M3798-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUPLICATE-2

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

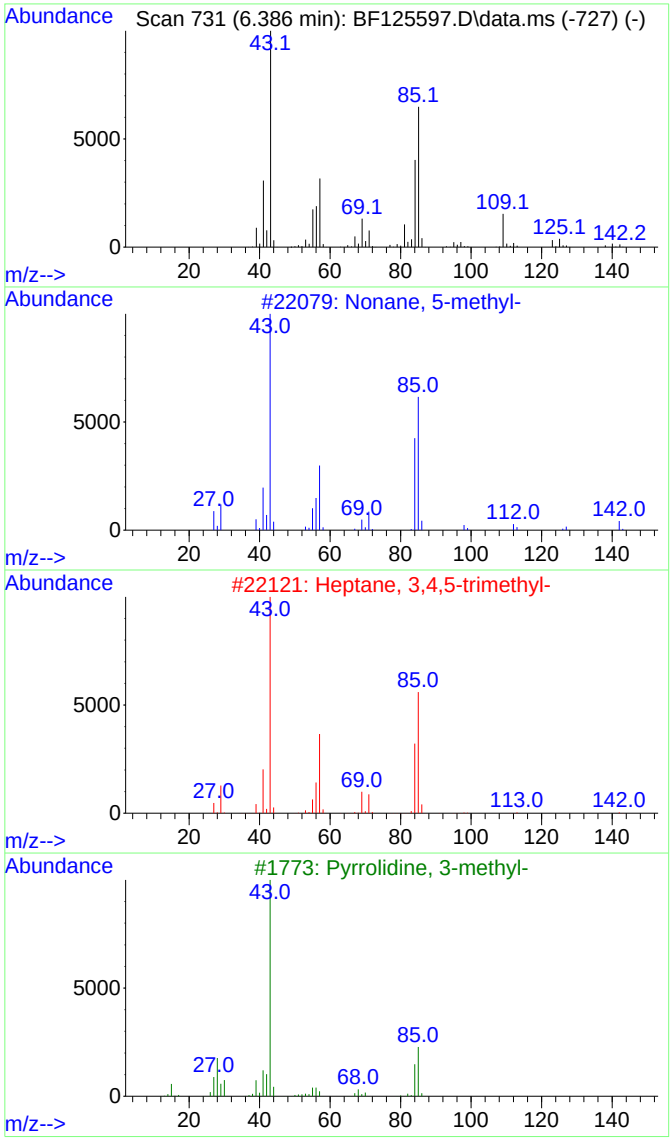
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

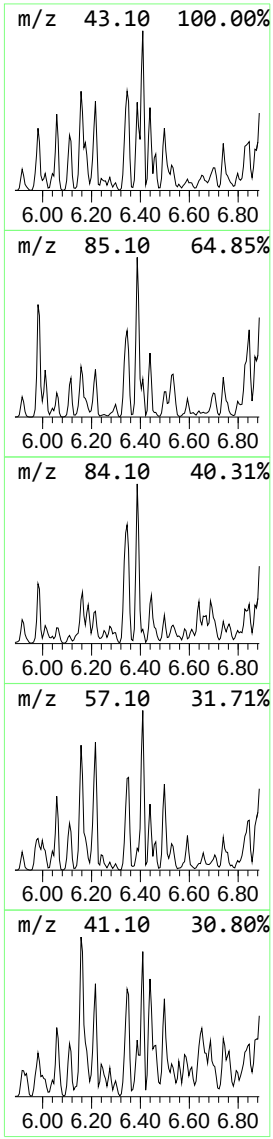
****

Peak Number 5 Nonane, 5-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.386	13.30 ng	3036010	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-methyl-	142	C10H22	015869-85-9	74
2	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
3	Pyrrolidine, 3-methyl-	85	C5H11N	034375-89-8	53
4	Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	50
5	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	50





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Acq On : 23 Sep 2021 18:01
Operator : JU/CG
Sample : M3798-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUPLICATE-2

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

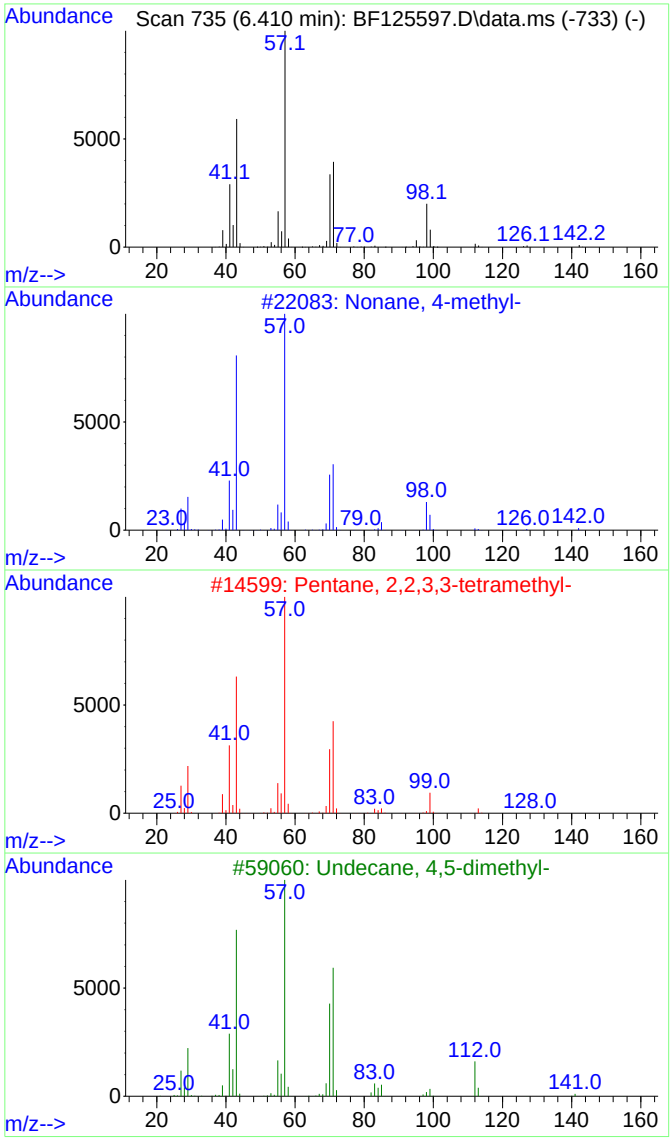
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

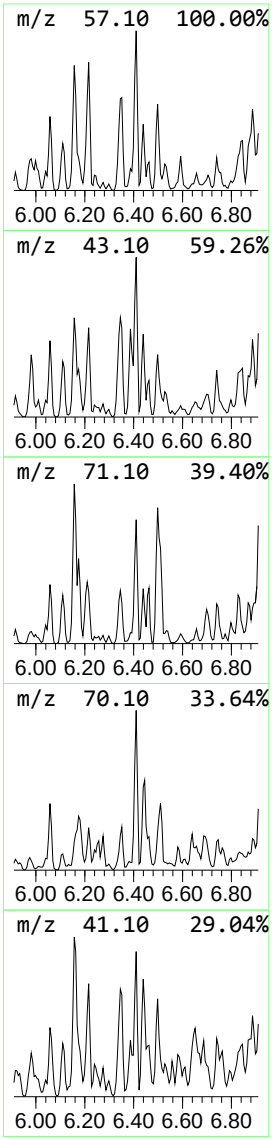
****

Peak Number 6 Nonane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.410	20.22 ng	4616400	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	91
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
3	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	53
4	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	50
5	Nonane, 2-methyl-	142	C10H22	000871-83-0	50





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Operator : JU/CG
Sample : M3798-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DUPLICATE-2

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

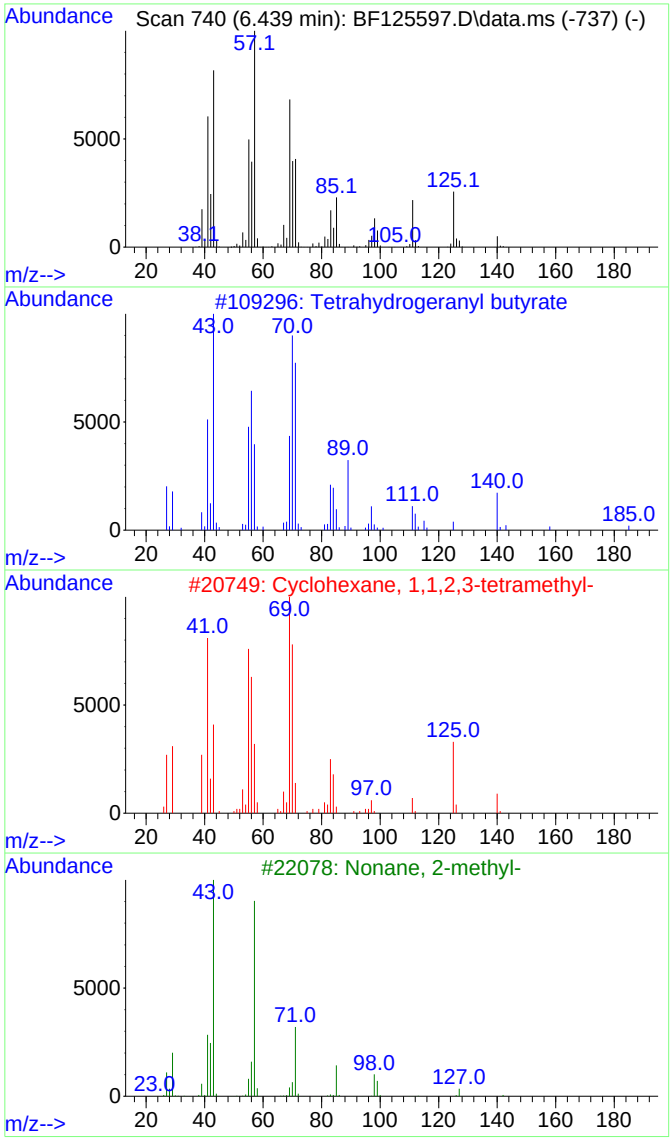
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

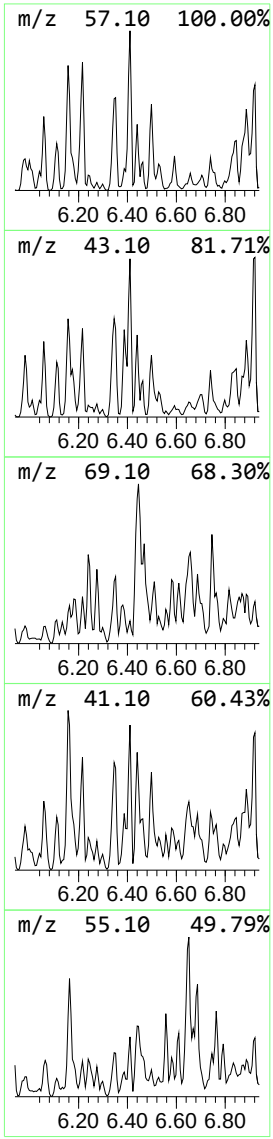
****

Peak Number 7 unknown6.439 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.439	22.34 ng	5100980	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydrogeranyl butyrate	228	C14H28O2	1000428-75-4	47
2	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	46
3	Nonane, 2-methyl-	142	C10H22	000871-83-0	45
4	Cyclopentane, ethyl-	98	C7H14	001640-89-7	43
5	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	38





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Operator : JU/CG
Sample : M3798-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DUPLICATE-2

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

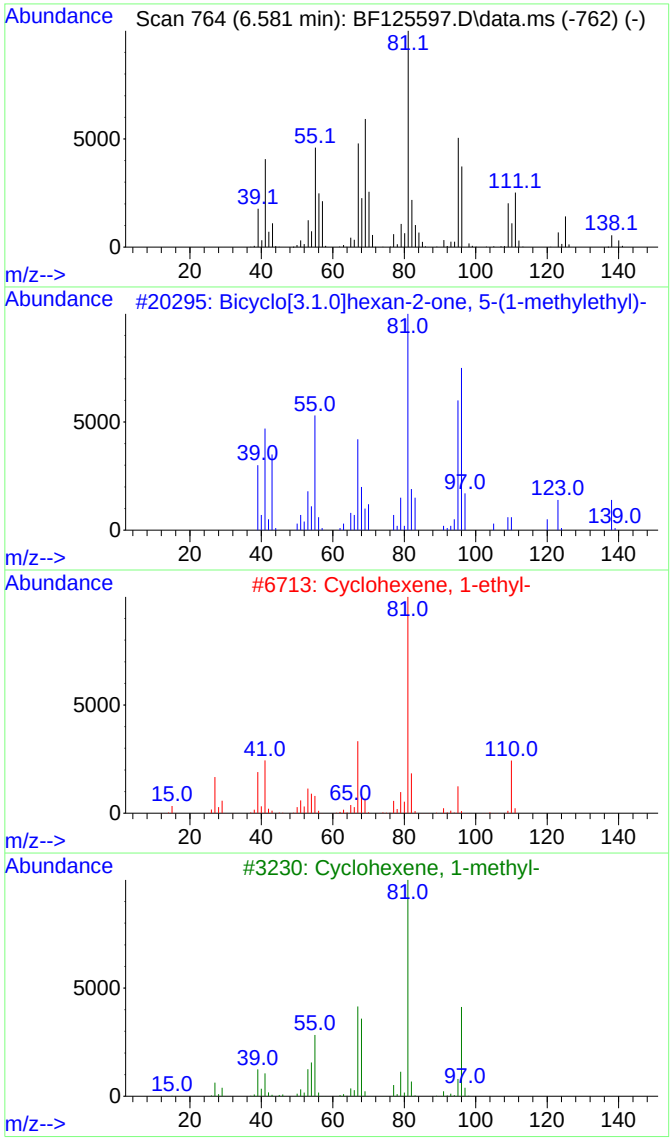
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

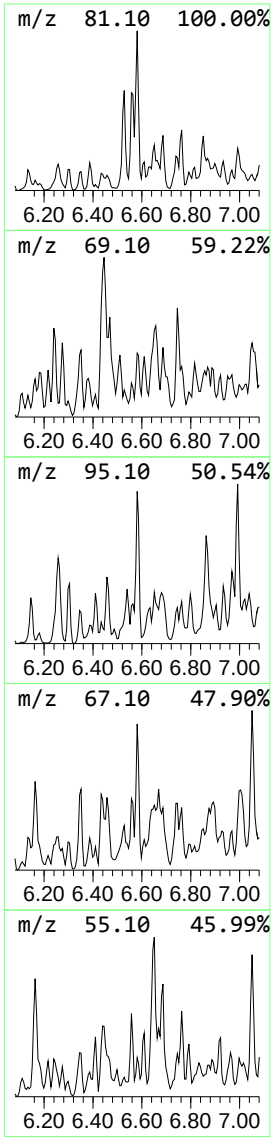
****

Peak Number 8 unknown6.581 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.581	12.30 ng	2808990	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	49
2	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	43
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	43
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	38
5	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	30





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Operator : JU/CG
Sample : M3798-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUPLICATE-2

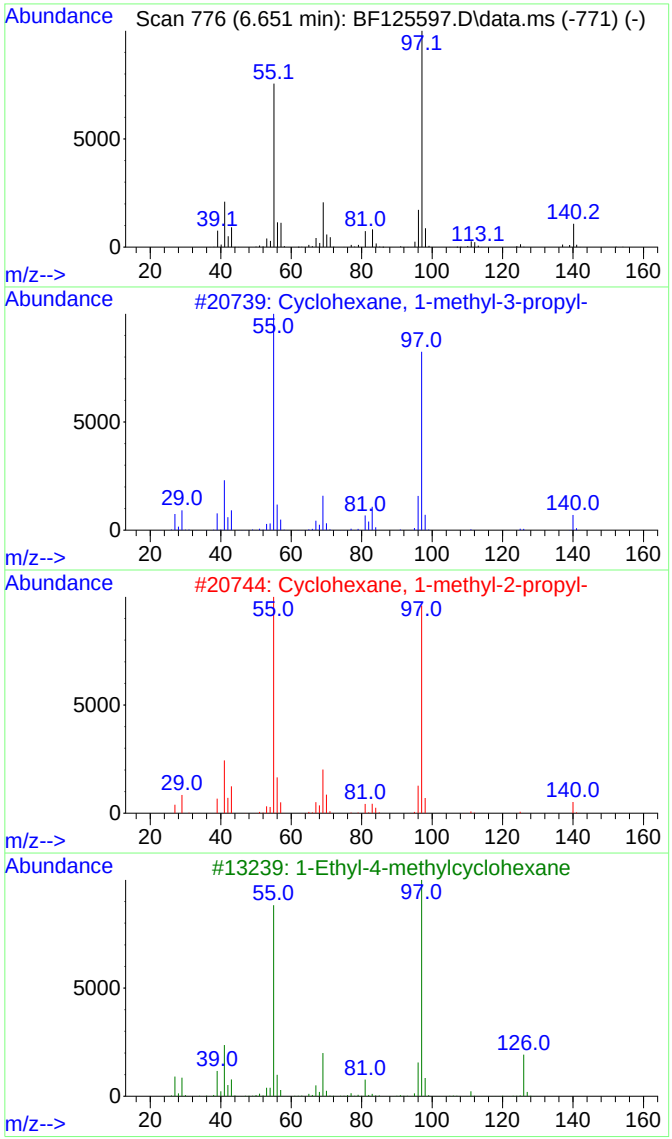
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

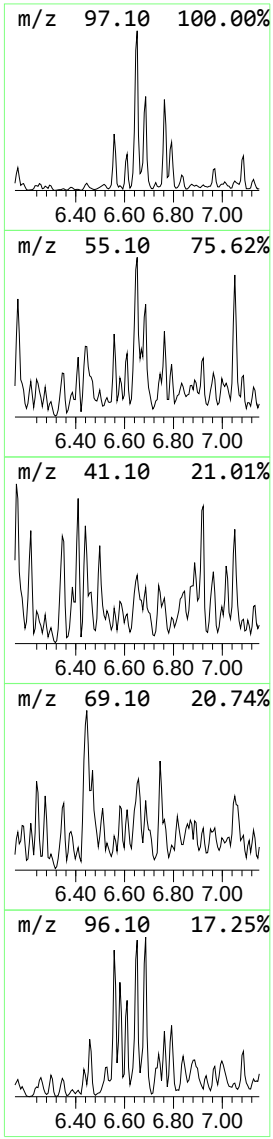
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexane, 1-methyl-3-pro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.651	30.59 ng	6982950	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	87
2	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	83
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	64
5	1,2-Octanediol	146	C8H18O2	001117-86-8	64





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Operator : JU/CG
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DUPLICATE-2

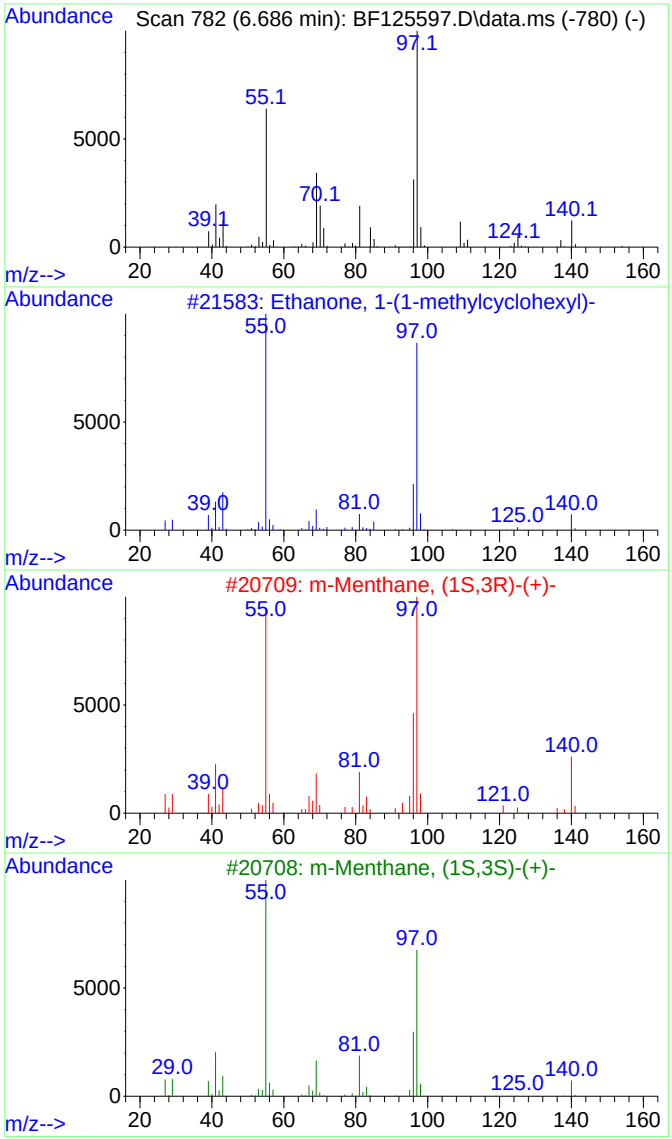
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

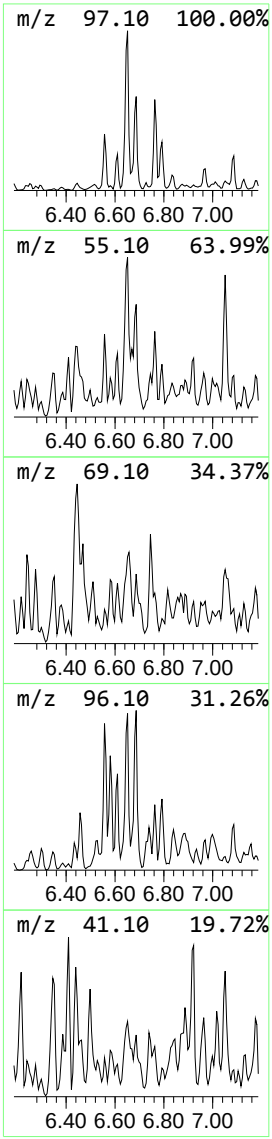
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Ethanone, 1-(1-methylcycloh... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.686	17.93 ng	4093020	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	59
2	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	59
3	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	53
4	2-Pyrazoline, 1-butyl-5-methyl-	140	C8H16N2	022581-50-6	47
5	Semustine	247	C10H18ClN3O2	013909-09-6	47





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Sample : M3798-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

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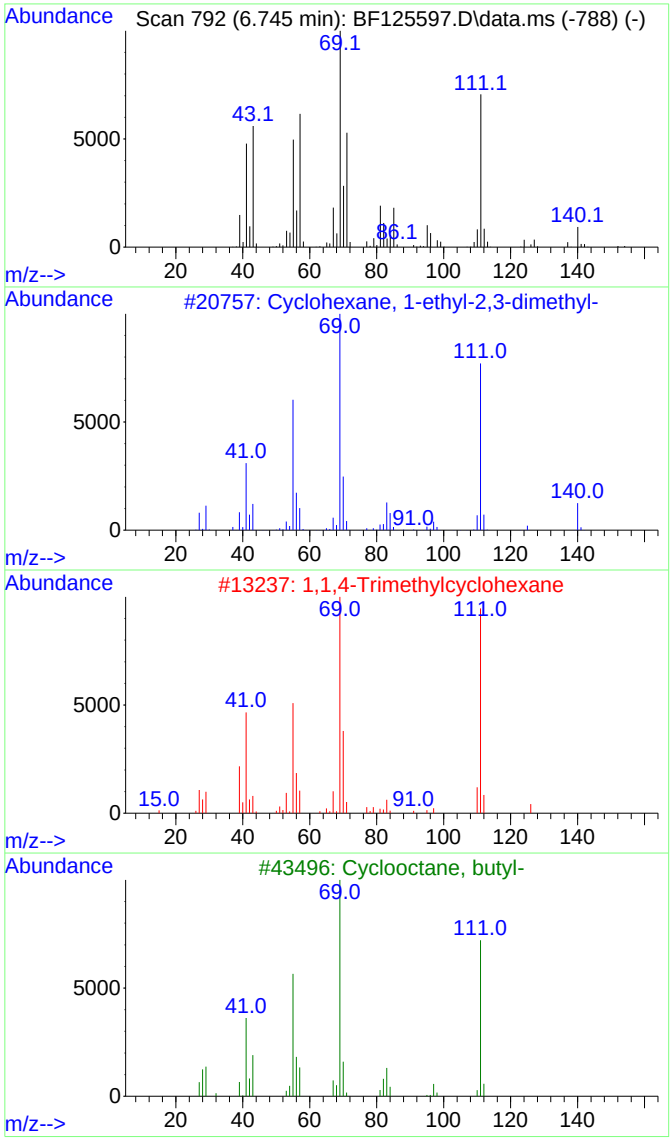
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

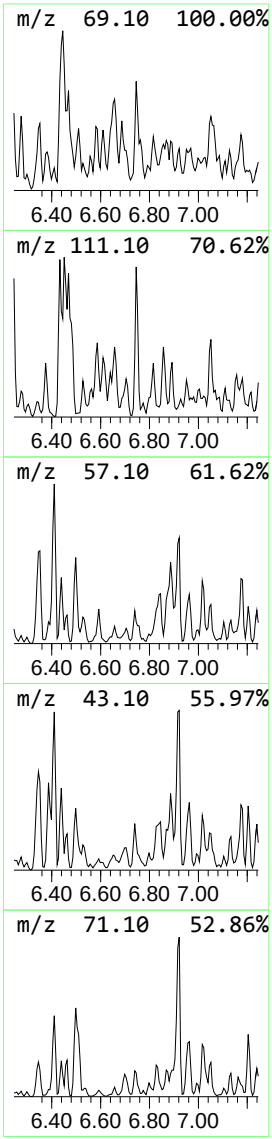
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclohexane, 1-ethyl-2,3-di... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.745	12.52 ng	2857310	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	58
2	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	50
3	Cyclooctane, butyl-	168	C12H24	016538-93-5	47
4	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	47
5	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	47





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Sample : M3798-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUPLICATE-2

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

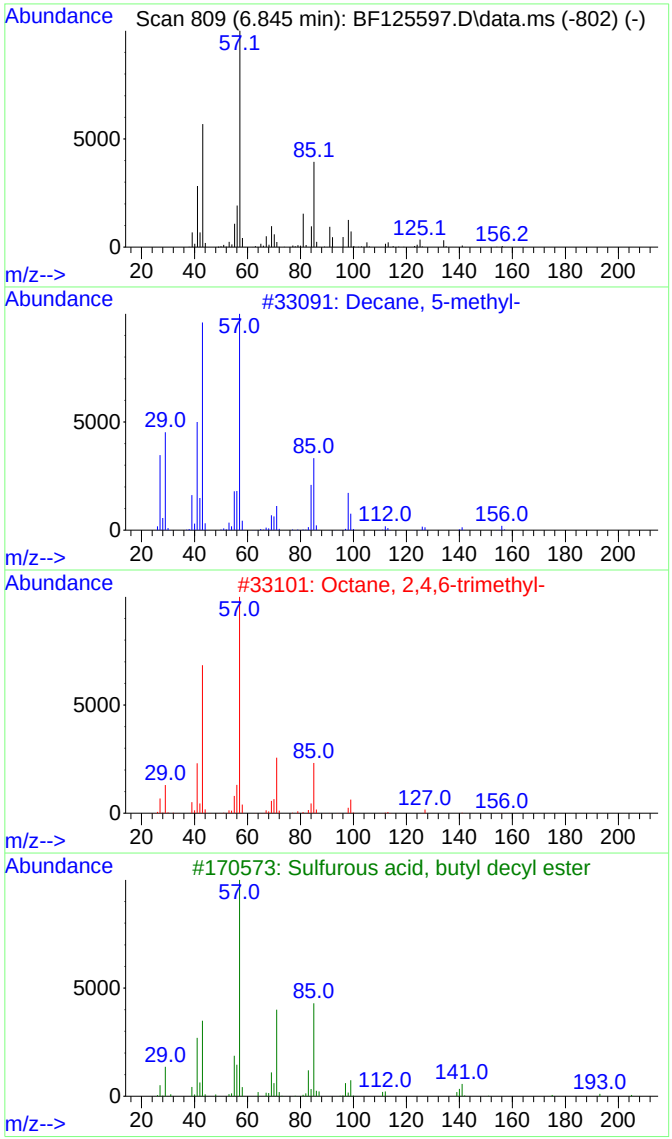
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

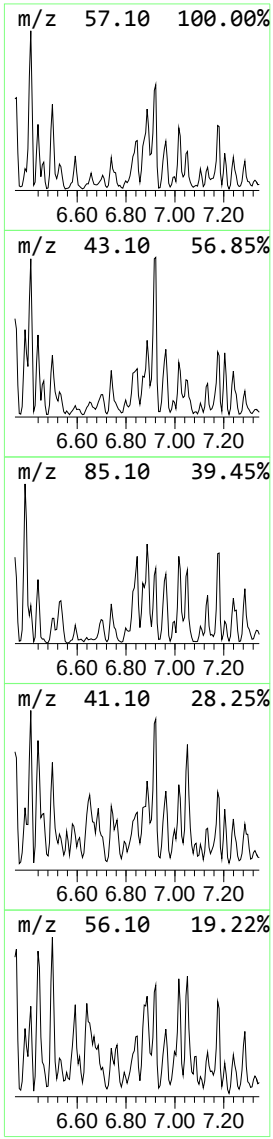
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.845	23.78 ng	5429620	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	53
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53
3	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	53
4	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	53
5	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	50





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Sample : M3798-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUPLICATE-2

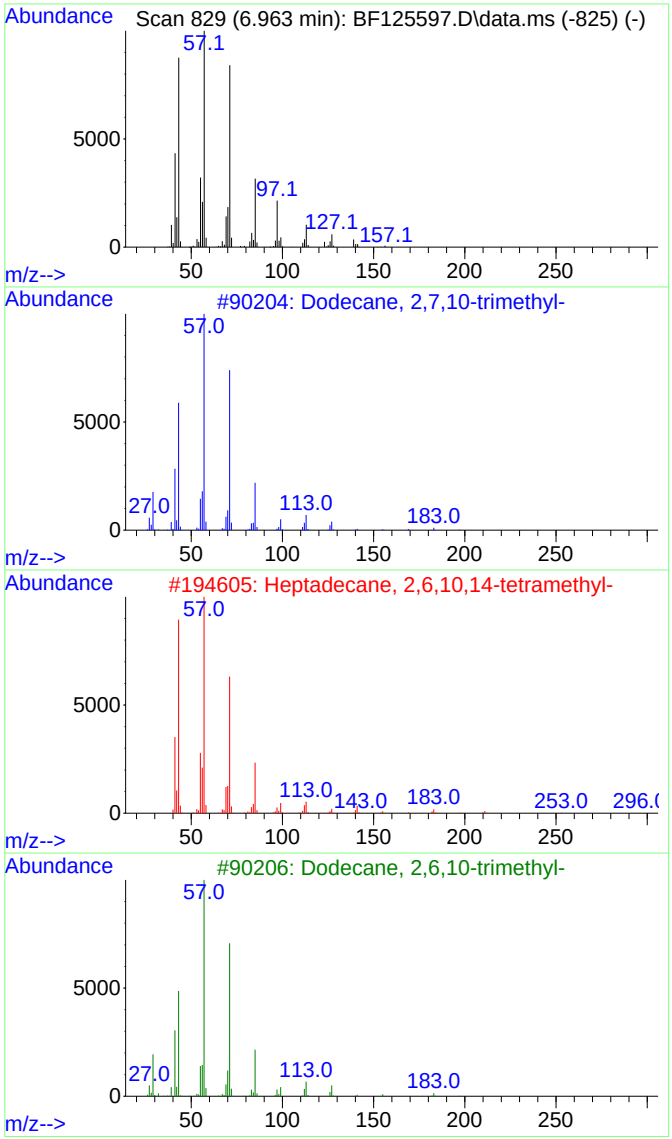
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

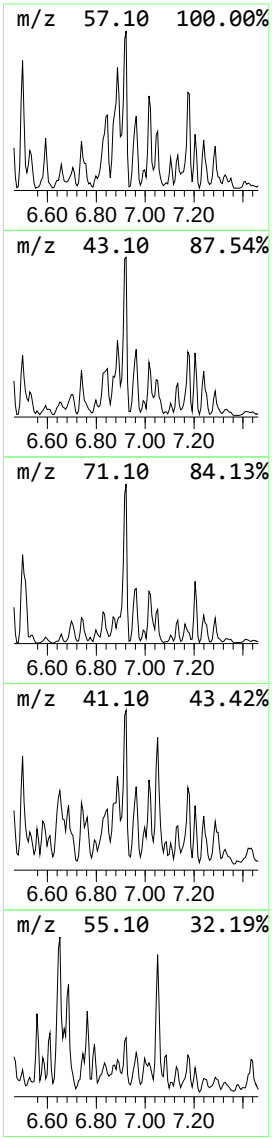
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Dodecane, 2,7,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.963	19.03 ng	4344970	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	80
2	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	80
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	53





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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUPLICATE-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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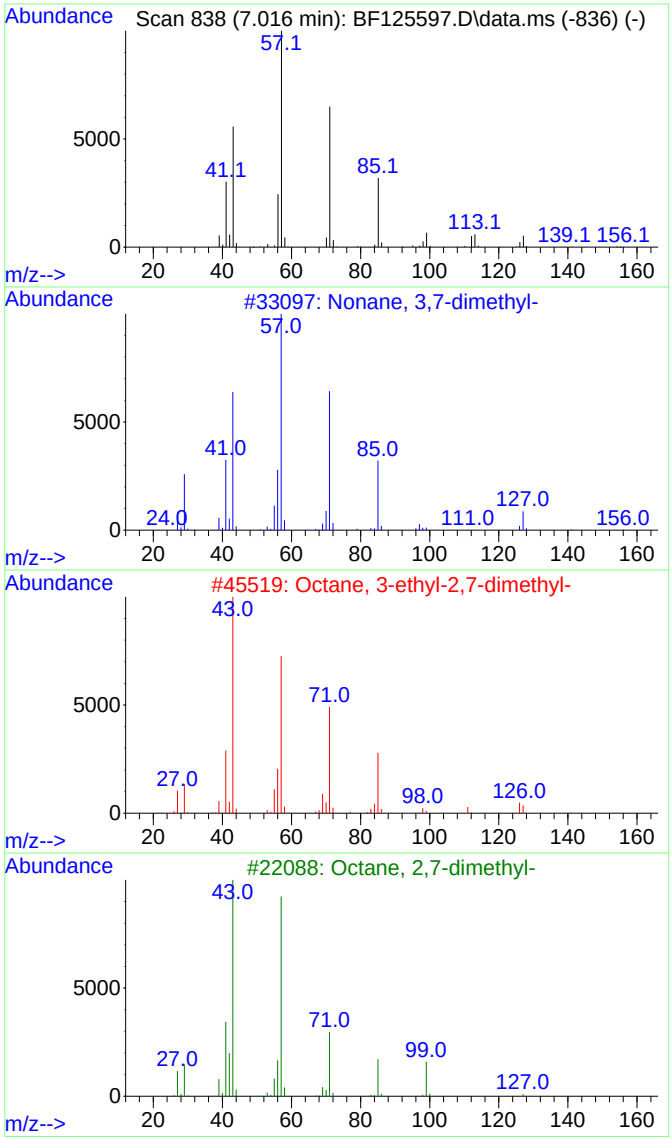
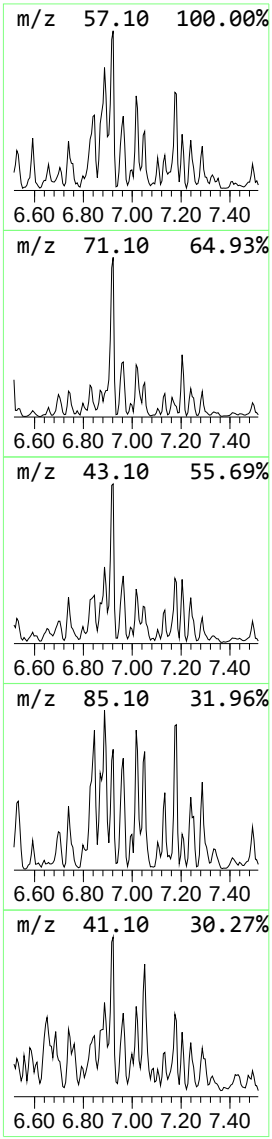
Peak Number 14 Nonane, 3,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.016	15.95 ng	3642480	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
2	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	64
3	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	64
4	Heptacosane	380	C27H56	000593-49-7	59
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	53





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ALS Vial : 6 Sample Multiplier: 1

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

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

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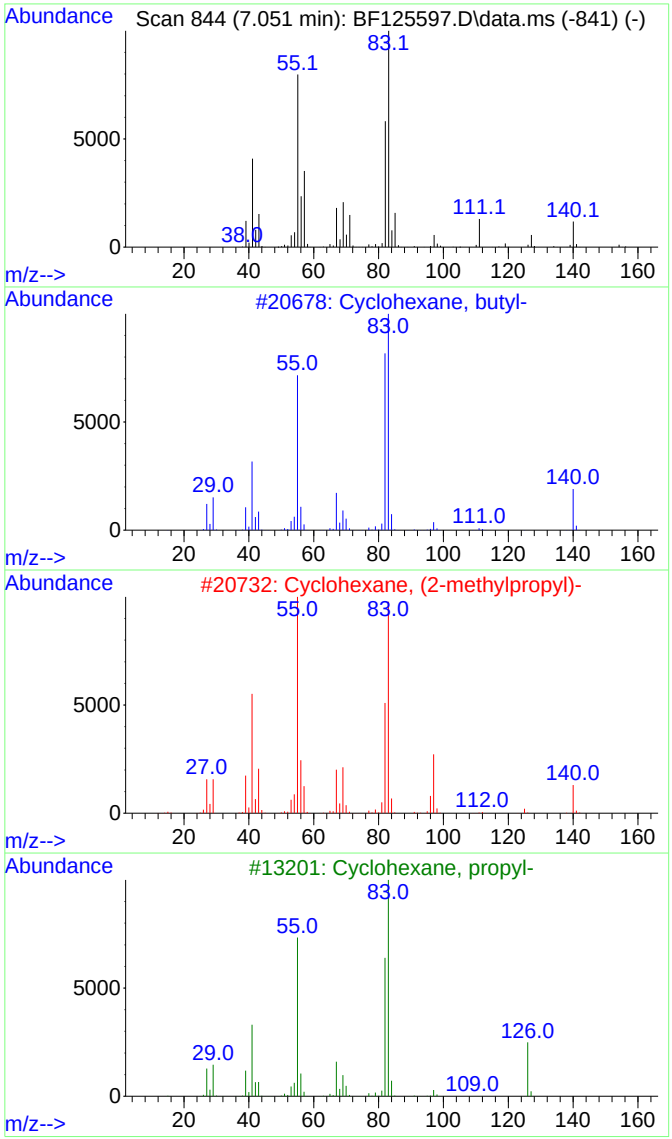
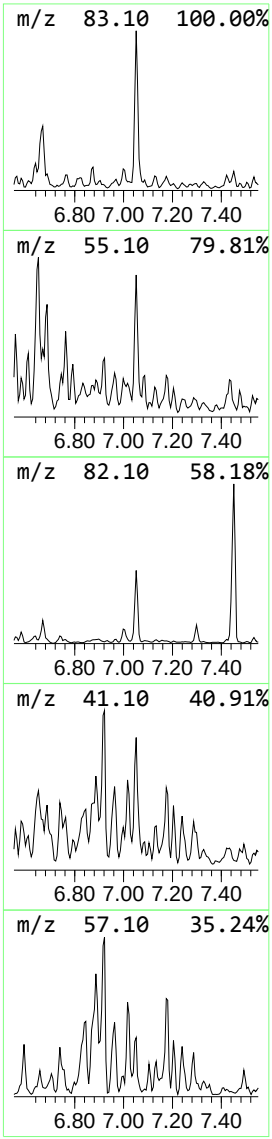
Peak Number 15 Cyclohexane, butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.051	26.23 ng	5987670	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	81
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	59
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59





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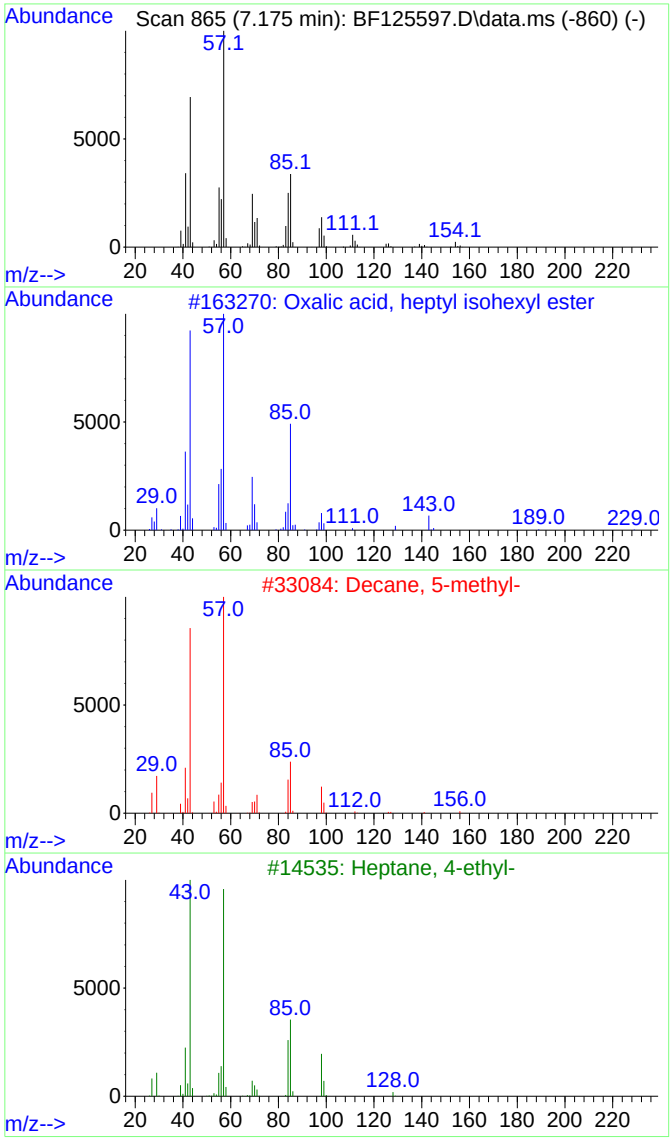
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

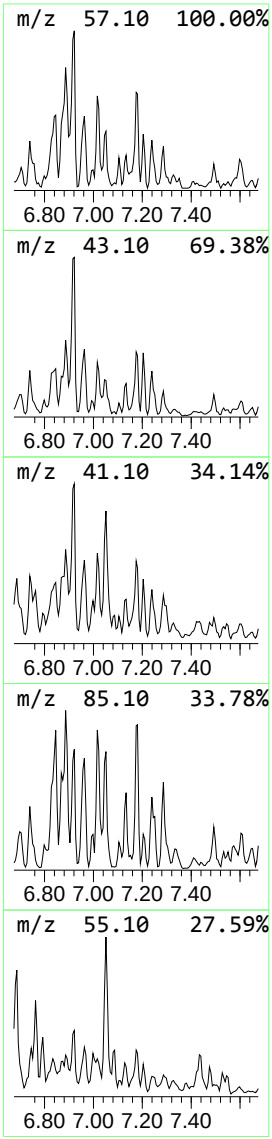
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Oxalic acid, heptyl isohexy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.175	19.18 ng	4378040	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, heptyl isohexyl ester	272	C15H28O4	1000309-33-1	53
2	Decane, 5-methyl-	156	C11H24	013151-35-4	50
3	Heptane, 4-ethyl-	128	C9H20	002216-32-2	50
4	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	47
5	Ether, heptyl hexyl	200	C13H28O	007289-40-9	47





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Acq On : 23 Sep 2021 18:01
Operator : JU/CG
Sample : M3798-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUPLICATE-2

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

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

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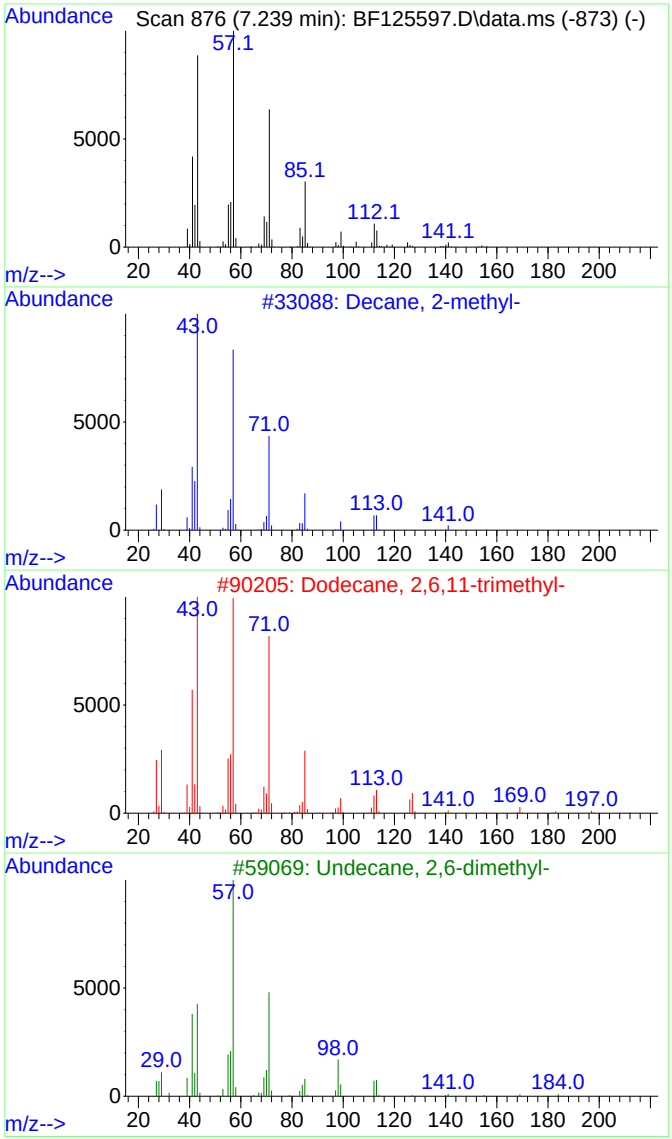
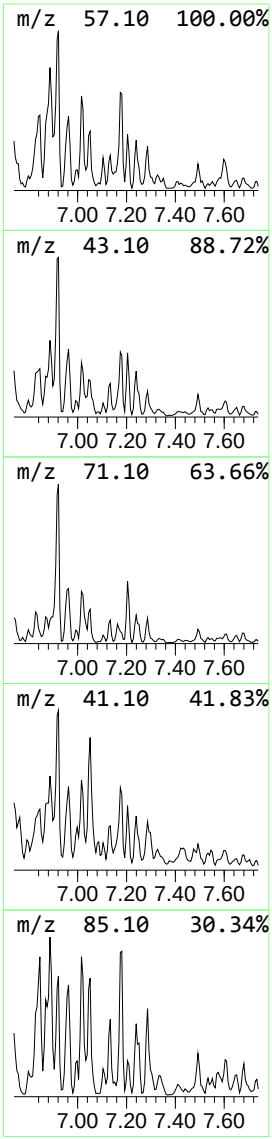
Peak Number 17 Decane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.239	11.43 ng	2610250	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	94
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
4	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125597.D
Acq On : 23 Sep 2021 18:01
Operator : JU/CG
Sample : M3798-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUPLICATE-2

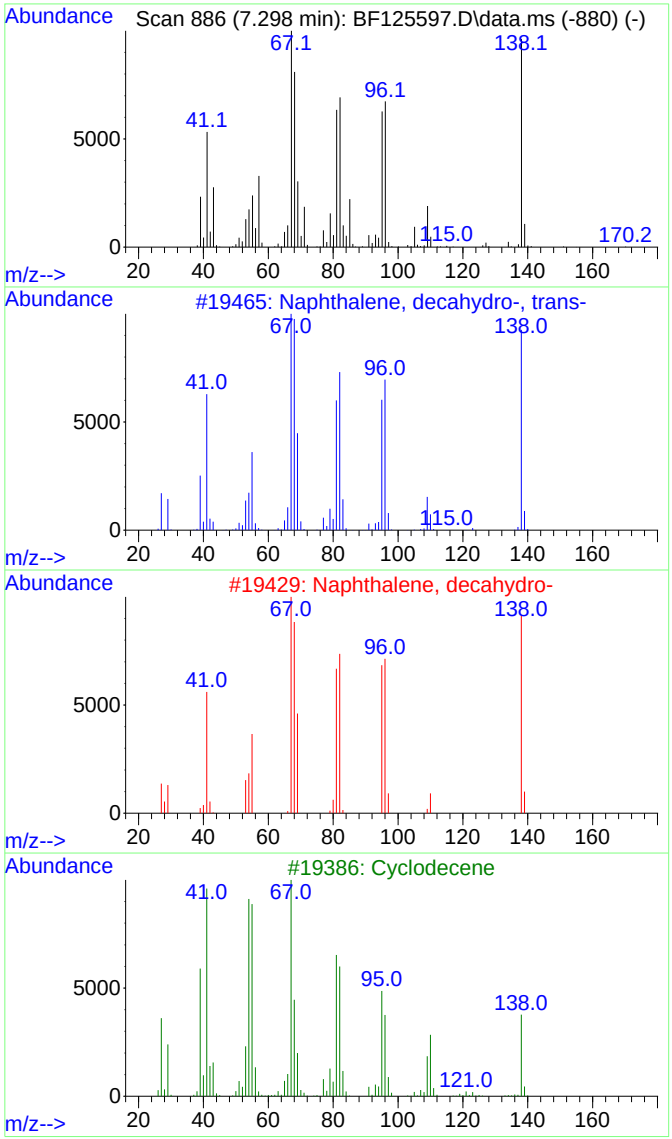
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

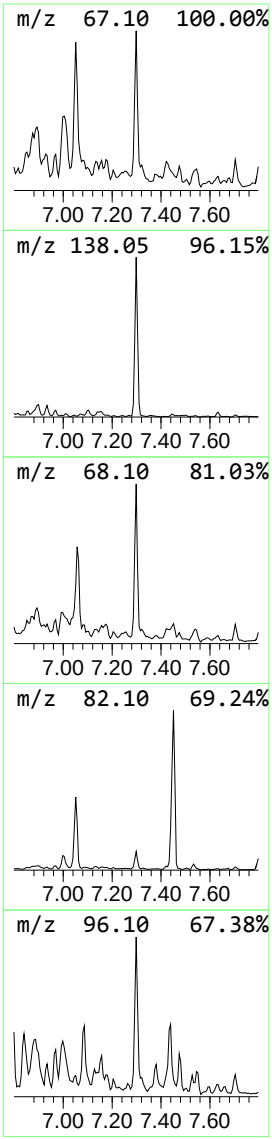
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, decahydro-, tr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.298	13.99 ng	3193690	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	93
3	Cyclodecene	138	C10H18	003618-12-0	68
4	Spiro[4.5]decane	138	C10H18	000176-63-6	68
5	Cyclohexene, 1-methyl-4-(1-methy...	138	C10H18	001195-31-9	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125597.D
Acq On : 23 Sep 2021 18:01
Operator : JU/CG
Sample : M3798-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUPLICATE-2

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

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

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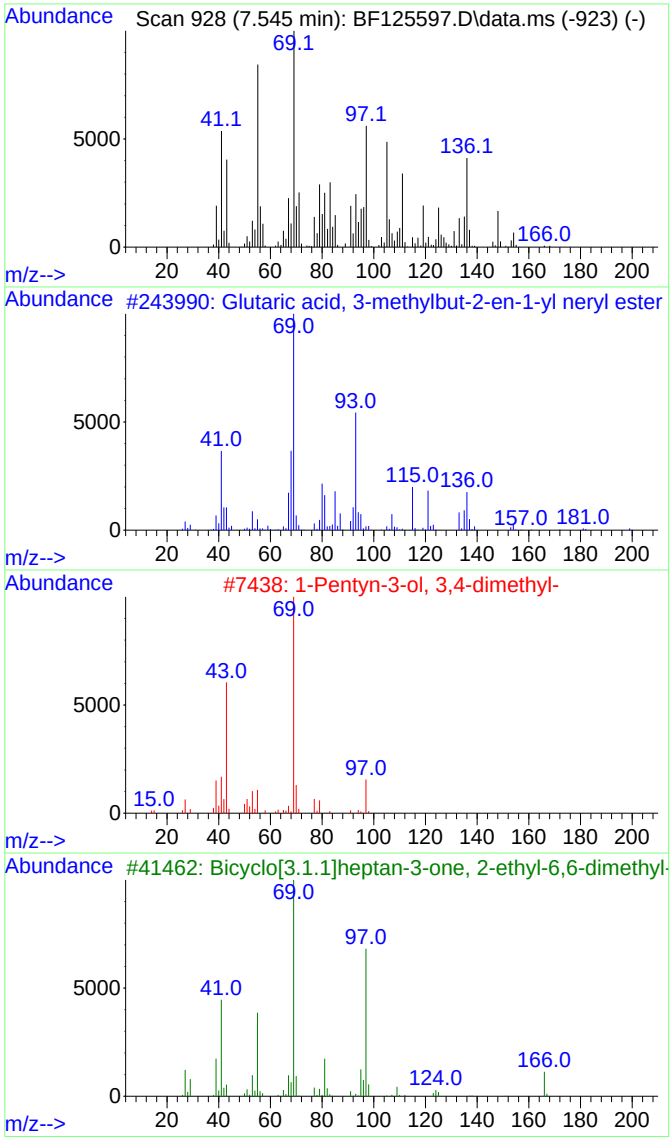
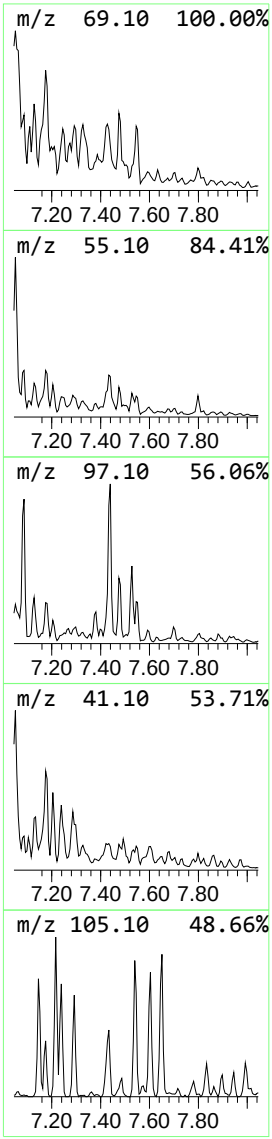
Peak Number 19 unknown7.545 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.545	18.54 ng	1695050	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glutaric acid, 3-methylbut-2-en-...	336	C20H32O4	1000405-07-6	35
2	1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	35
3	Bicyclo[3.1.1]heptan-3-one, 2-et...	166	C11H18O	1000163-95-8	35
4	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	27
5	Carbonic acid, methyl ester, [(E...	212	C12H20O3	085217-72-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125597.D
Acq On : 23 Sep 2021 18:01
Operator : JU/CG
Sample : M3798-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUPLICATE-2

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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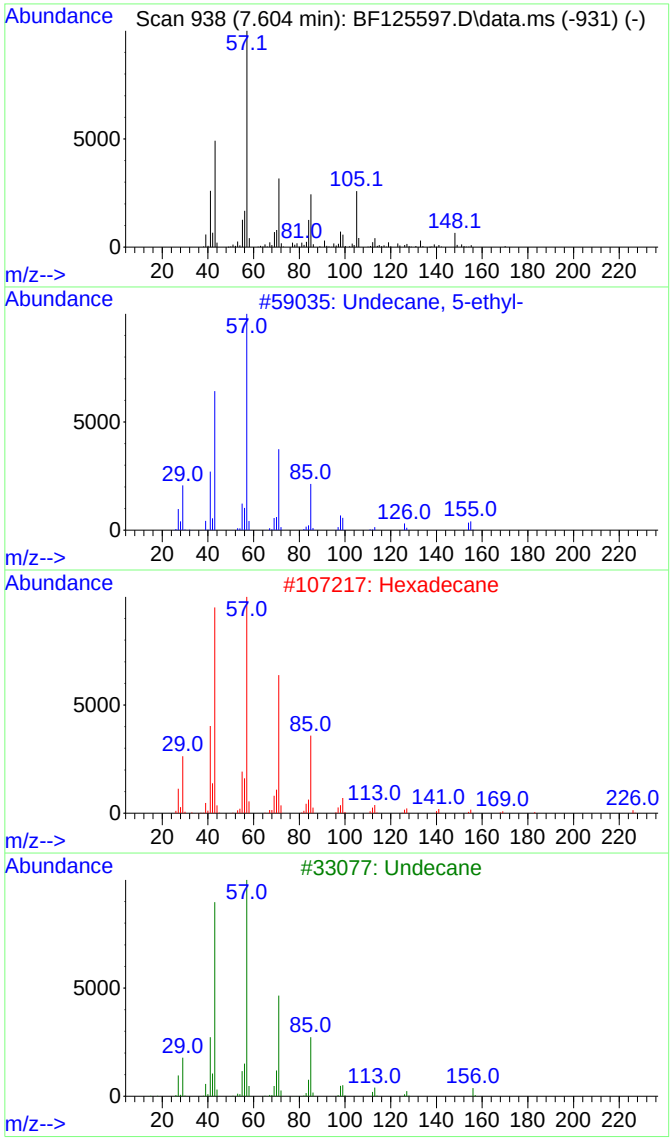
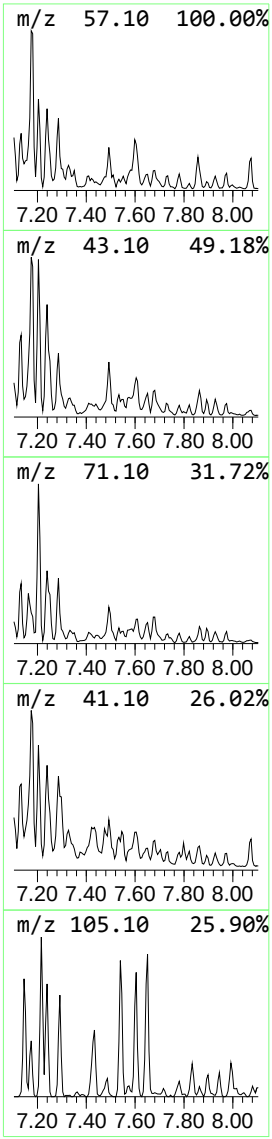
Peak Number 20 Undecane, 5-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.604	19.82 ng	1811500	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-	184	C13H28	017453-94-0	50
2	Hexadecane	226	C16H34	000544-76-3	43
3	Undecane	156	C11H24	001120-21-4	43
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	43
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125597.D
Acq On : 23 Sep 2021 18:01
Operator : JU/CG
Sample : M3798-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUPLICATE-2

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
Octane, 2,5-dim...	6.057	13.6	ng	3095690	1	6.898	4566230	20.0
Octane, 3,6-dim...	6.157	38.9	ng	8880200	1	6.898	4566230	20.0
Heptane, 3-ethy...	6.216	18.5	ng	4226670	1	6.898	4566230	20.0
Decane, 3,8-dim...	6.345	23.3	ng	5329400	1	6.898	4566230	20.0
Nonane, 5-methyl-	6.386	13.3	ng	3036010	1	6.898	4566230	20.0
Nonane, 4-methyl-	6.410	20.2	ng	4616400	1	6.898	4566230	20.0
unknown6.439	6.439	22.3	ng	5100980	1	6.898	4566230	20.0
unknown6.581	6.581	12.3	ng	2808990	1	6.898	4566230	20.0
Cyclohexane, 1-...	6.651	30.6	ng	6982950	1	6.898	4566230	20.0
Ethanone, 1-(1-...	6.686	17.9	ng	4093020	1	6.898	4566230	20.0
Cyclohexane, 1-...	6.745	12.5	ng	2857310	1	6.898	4566230	20.0
Decane, 5-methyl-	6.845	23.8	ng	5429620	1	6.898	4566230	20.0
Dodecane, 2,7,1...	6.963	19.0	ng	4344970	1	6.898	4566230	20.0
Nonane, 3,7-dim...	7.016	15.9	ng	3642480	1	6.898	4566230	20.0
Cyclohexane, bu...	7.051	26.2	ng	5987670	1	6.898	4566230	20.0
Oxalic acid, he...	7.175	19.2	ng	4378040	1	6.898	4566230	20.0
Decane, 2-methyl-	7.239	11.4	ng	2610250	1	6.898	4566230	20.0
Naphthalene, de...	7.298	14.0	ng	3193690	1	6.898	4566230	20.0
unknown7.545	7.545	18.5	ng	1695050	2	8.175	1828120	20.0
Undecane, 5-ethyl-	7.604	19.8	ng	1811500	2	8.175	1828120	20.0