LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
Data File : BF126134.D
Acq On : 11 Nov 2021 19:50
Operator : JU/CG
Sample : M4630-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13W-16.0-16.5

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-BF110321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126134.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.869	293	303	311	rBV2	252890	525327	2.14%	0.116%
2	4.010	319	327	333	rBV	233681	365811	1.49%	0.081%
3	4.157	343	352	356	rBV	355841	516432	2.11%	0.114%
4	4.493	402	409	415	rVB4	394621	688031	2.81%	0.152%
5	4.793	456	460	464	rBV	315935	340723	1.39%	0.075%
6	4.904	470	479	484	rBV	1129690	1358283	5.54%	0.301%
7	5.004	484	496	501	rBV3	1451469	3282882	13.40%	0.727%
8	5.057	501	505	509	rBV	2436992	2539997	10.37%	0.562%
9	5.104	509	513	514	rVV2	377199	482717	1.97%	0.107%
10	5.122	514	516	519	rVB2	439329	434763	1.77%	0.096%
11	5.187	525	527	531	rVB	487602	416133	1.70%	0.092%
12	5.257	533	539	542	rBV	3509726	3896209	15.90%	0.863%
13	5.293	542	545	549	rVB2	491782	738899	3.02%	0.164%
14	5.345	549	554	557	rBV	2248709	2229879	9.10%	0.494%
15	5.422	563	567	568	rBV	867480	901404	3.68%	0.200%
16	5.451	568	572	577	rVB2	6299931	7401197	30.21%	1.639%
17	5.540	584	587	590	rVV	1602692	1493996	6.10%	0.331%
18	5.587	593	595	597	rVV	533463	406847	1.66%	0.090%
19	5.622	597	601	606	rVV2	3329682	4705051	19.20%	1.042%
20	5.669	606	609	612	rVV	5678149	4945825	20.19%	1.095%
21	5.710	612	616	622	rVV2	3842678	4668670	19.06%	1.034%
22	5.763	622	625	631	rVB2	2960088	3978378	16.24%	0.881%
23	5.881	636	645	648	rBV3	5059627	8160276	33.31%	1.807%
24	5.928	648	653	656	rBV2	3535119	5742204	23.44%	1.272%
25	6.016	661	668	672	rVB2	9303345	12377633	50.52%	2.741%
26	6.063	672	676	680	rBV2	3580864	5936994	24.23%	1.315%
27	6.116	680	685	691	rVB	19066087	24499105	100.00%	5.425%
28	6.175	691	695	697	rBV	8608891	8318649	33.95%	1.842%
29	6.204	697	700	702	rBV3	2073634	2432847	9.93%	0.539%
30	6.228	702	704	706	rVB	1820509	1382008	5.64%	0.306%
31	6.251	706	708	711	rVB2	1980662	1784919	7.29%	0.395%
32	6.304	711	717	721	rBV3	9715141	15234821	62.19%	3.373%
33	6.340	721	723	724	rBV2	1499161	1258689	5.14%	0.279%
34	6.369	724	728	730	rBV	7974447	6638255	27.10%	1.470%
35	6.398	730	733	740	rVB6	8687046	14211667	58.01%	3.147%
36	6.475	740	746	749	rBV4	3862592	6701968	27.36%	1.484%

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Sample : M4630-13
Misc :
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Instrument :
BNA_F
ClientSampleId :
SB-13W-16.0-16.5

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-BF110321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	6.516	749	753	754	rBV	3036463	2661589	10.86%	0.589%
38	6.534	754	756	759	rVB2	4251810	3582013	14.62%	0.793%
39	6.563	759	761	763	rVB2	2974259	2215670	9.04%	0.491%
40	6.610	763	769	773	rBV4	8203105	17290208	70.57%	3.829%
41	6.645	773	775	779	rVB2	3478116	2900142	11.84%	0.642%
42	6.692	779	783	787	rBV2	14483435	17898003	73.06%	3.963%
43	6.722	787	788	791	rVB2	4753660	2676014	10.92%	0.593%
44	6.751	791	793	795	rBV2	1311067	1149153	4.69%	0.254%
45	6.810	795	803	805	rBV5	4031812	8941213	36.50%	1.980%
46	6.851	805	810	812	rVV3	3692200	5344796	21.82%	1.184%
47	6.892	812	817	819	rVB	16190601	19928692	81.34%	4.413%
48	6.922	819	822	826	rVB2	10468611	11328057	46.24%	2.508%
49	6.963	826	829	830	rBV2	3539051	3596115	14.68%	0.796%
50	6.987	830	833	835	rVV	3389983	2627749	10.73%	0.582%
51	7.016	835	838	842	rVB2	13763041	14641404	59.76%	3.242%
52	7.051	842	844	846	rVB	4439552	3347167	13.66%	0.741%
53	7.069	846	847	849	rVB2	1076809	673798	2.75%	0.149%
54	7.098	849	852	856	rBV4	4502885	7205600	29.41%	1.596%
55	7.139	856	859	862	rVB3	9896871	11196510	45.70%	2.479%
56	7.175	862	865	868	rBV2	5444416	6513022	26.58%	1.442%
57	7.210	868	871	874	rVB3	2939797	3824339	15.61%	0.847%
58	7.257	874	879	882	rBV3	9071128	13101214	53.48%	2.901%
59	7.287	882	884	888	rVB3	2203738	2325423	9.49%	0.515%
60	7.328	888	891	892	rBV	1895723	1503893	6.14%	0.333%
61	7.351	892	895	897	rVB	3554462	2941569	12.01%	0.651%
62	7.398	897	903	907	rBV4	11921067	19239886	78.53%	4.260%
63	7.439	907	910	912	rBV3	3537576	3146388	12.84%	0.697%
64	7.463	912	914	917	rVB2	6746848	5235747	21.37%	1.159%
65	7.504	917	921	925	rVB4	7572637	11555907	47.17%	2.559%
66	7.545	925	928	929	rBV2	3780546	4122627	16.83%	0.913%
67	7.569	929	932	935	rVB3	4481768	5607567	22.89%	1.242%
68	7.610	936	939	941	rBV3	1882792	2296429	9.37%	0.509%
69	7.645	941	945	946	rBV2	3888437	4371459	17.84%	0.968%
70	7.692	952	953	958	rVB2	1140369	724371	2.96%	0.160%
71	7.739	958	961	963	rVV2	2906393	3450244	14.08%	0.764%
72	7.763	963	965	967	rVV	6724236	6103801	24.91%	1.352%
73	7.781	967	968	972	rVV4	5962609	5554034	22.67%	1.230%
74	7.816	972	974	977	rVB	3552626	3856964	15.74%	0.854%
75	7.851	977	980	982	rBV3	1592957	1532130	6.25%	0.339%
76	7.881	982	985	987	rVV2	5561655	5579635	22.77%	1.236%

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Sample : M4630-13
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Instrument :
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SB-13W-16.0-16.5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	7.904	987	989	991	rVB	2507391	1922251	7.85%	0.426%
78	7.934	991	994	995	rBV2	1300951	1288896	5.26%	0.285%
79	7.951	995	997	1000	rVV2	1974355	2253756	9.20%	0.499%
80	8.004	1003	1006	1010	rBV2	1871355	1975567	8.06%	0.437%
81	8.039	1010	1012	1014	rVB2	647589	462972	1.89%	0.103%
82	8.075	1015	1018	1019	rVV2	937318	956054	3.90%	0.212%
83	8.122	1023	1026	1029	rVV4	2785305	4241147	17.31%	0.939%
84	8.157	1029	1032	1034	rVV2	3744530	3674875	15.00%	0.814%
85	8.192	1034	1038	1041	rVB2	3460476	3893575	15.89%	0.862%
86	8.222	1041	1043	1046	rBV2	966280	722791	2.95%	0.160%
87	8.286	1051	1054	1056	rBV	543237	485825	1.98%	0.108%
88	8.339	1060	1063	1065	rVB2	372798	327268	1.34%	0.072%
89	8.422	1073	1077	1081	rVB5	953417	989484	4.04%	0.219%
90	8.475	1084	1086	1089	rVB3	311951	264678	1.08%	0.059%
91	8.510	1089	1092	1096	rVB3	362071	418461	1.71%	0.093%
92	8.551	1096	1099	1101	rBV	729106	570596	2.33%	0.126%
93	8.839	1146	1148	1151	rVB	496778	379698	1.55%	0.084%
94	9.198	1205	1209	1212	rBV	4377005	3549185	14.49%	0.786%
95	9.875	1321	1324	1328	rVB	1461739	1245814	5.09%	0.276%
96	10.663	1454	1458	1462	rBV	2916343	2435976	9.94%	0.539%
97	11.363	1573	1577	1579	rBV	1625346	1312024	5.36%	0.291%
98	12.951	1842	1847	1850	rBV	3861060	3278751	13.38%	0.726%
99	14.004	2020	2026	2028	rBV	1049377	1142812	4.66%	0.253%
100	15.468	2270	2275	2279	rBV	846101	1027084	4.19%	0.227%

Sum of corrected areas: 451607571

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
Data File : BF126134.D
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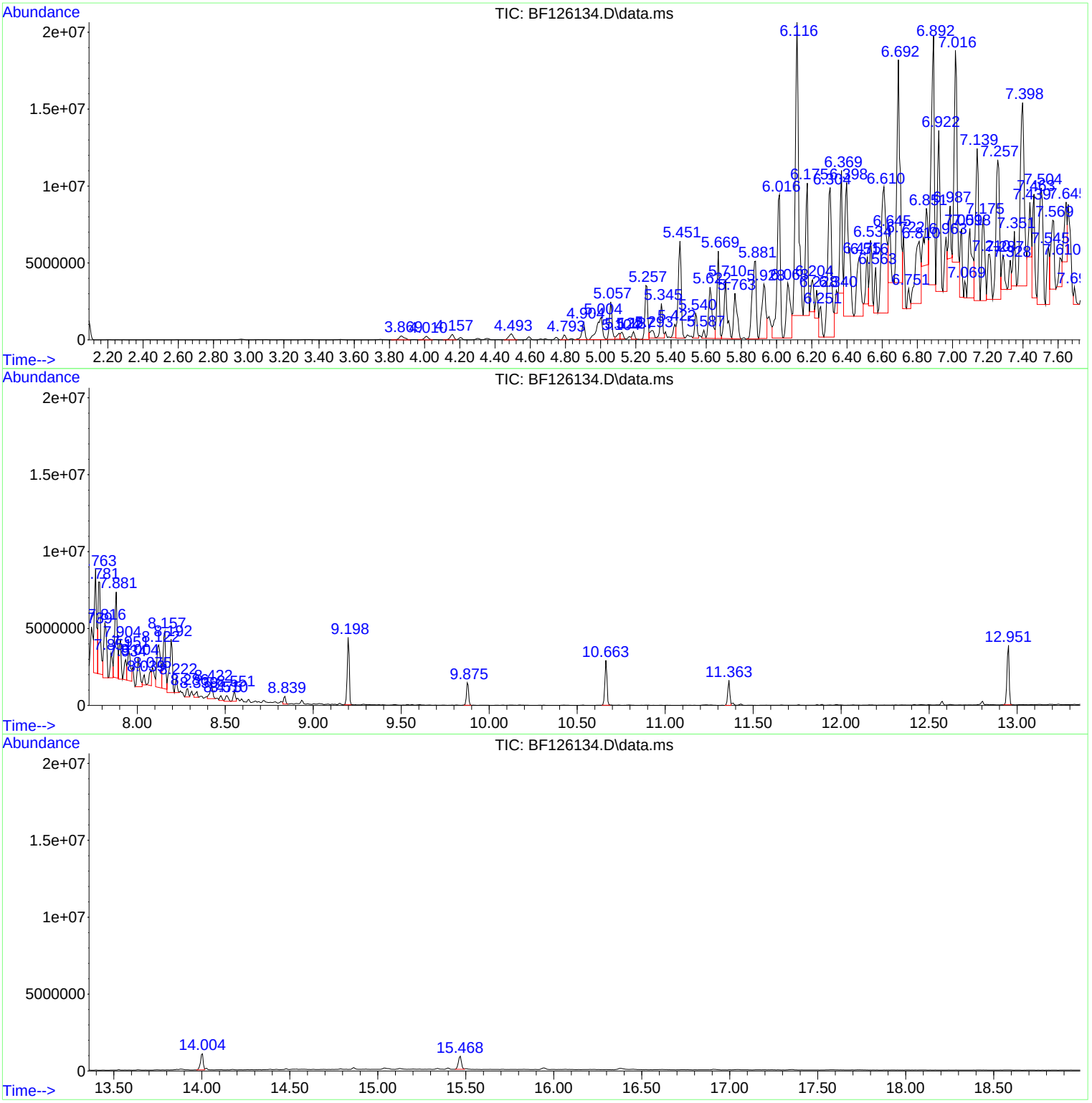
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13W-16.0-16.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.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\BF111121\
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Instrument :
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ClientSampleId :
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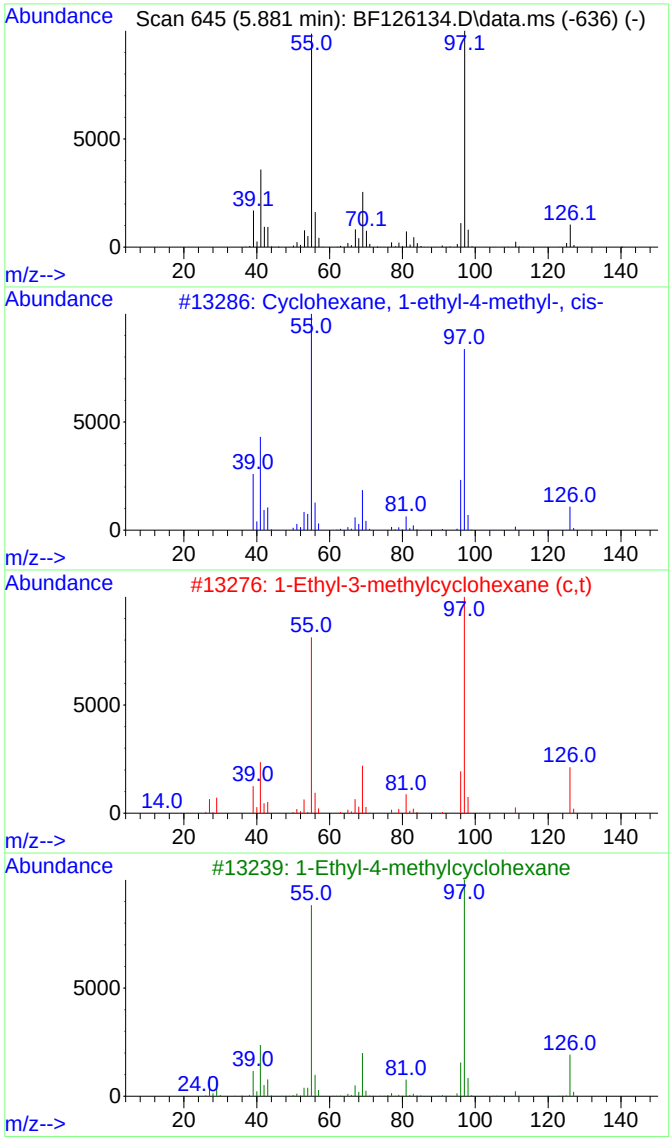
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

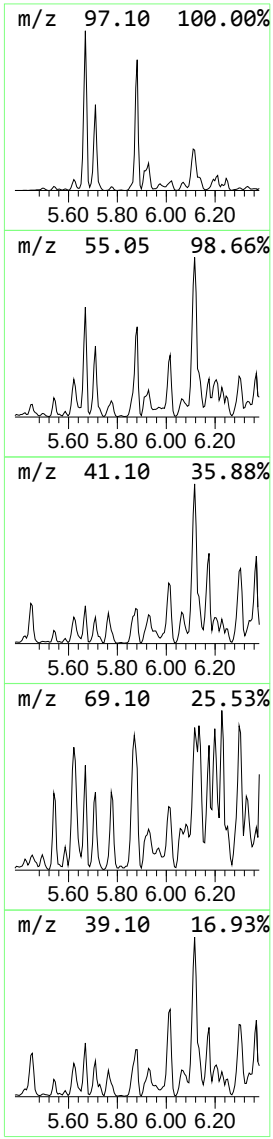
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.881	30.54 ng	8160280	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	90
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	87
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87
4	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	86
5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
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Instrument :
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ClientSampleId :
SB-13W-16.0-16.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

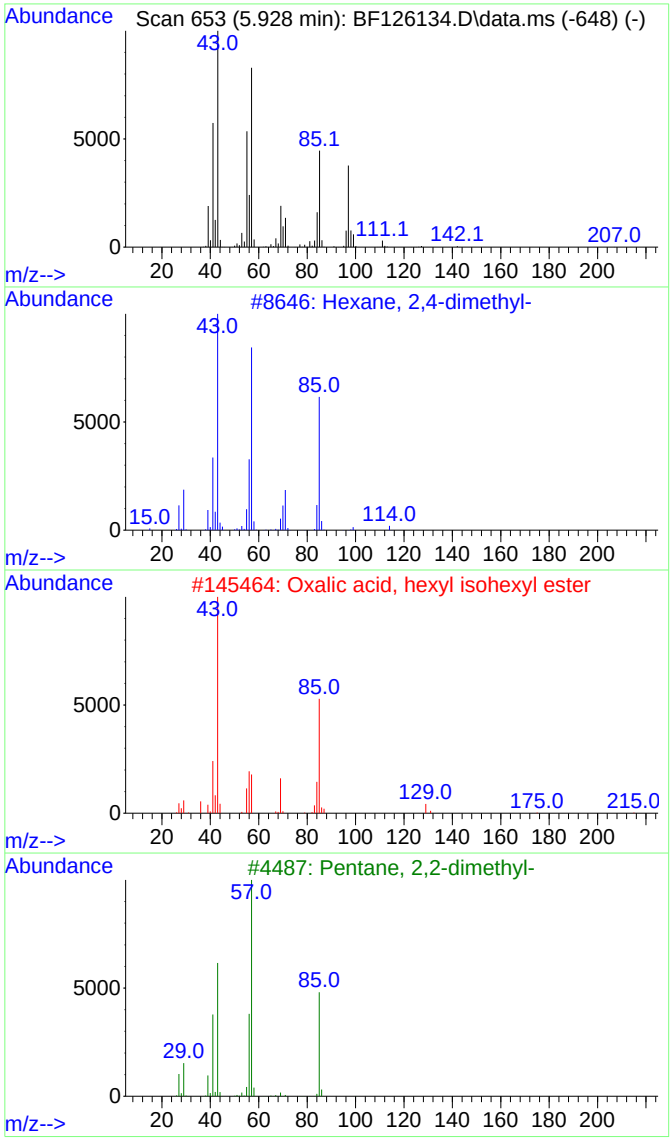
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

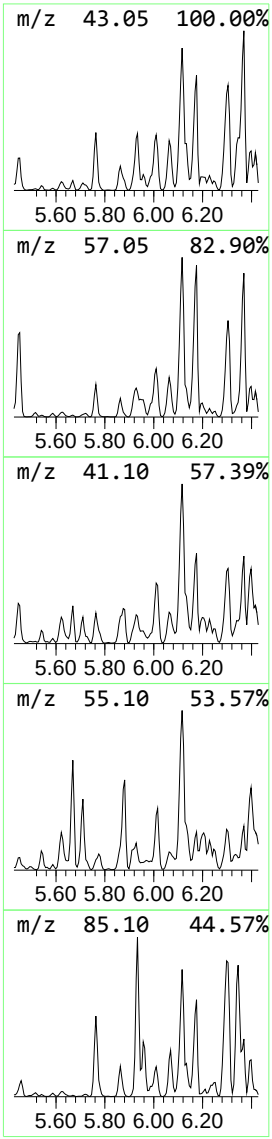
****

Peak Number 2 Hexane, 2,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.928	21.49 ng	5742200	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
2	Oxalic acid, hexyl isohexyl ester	258	C14H26O4	1010309-33-0	43
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	43
4	Decane, 4-ethyl-	170	C12H26	001636-44-8	43
5	Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	38





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

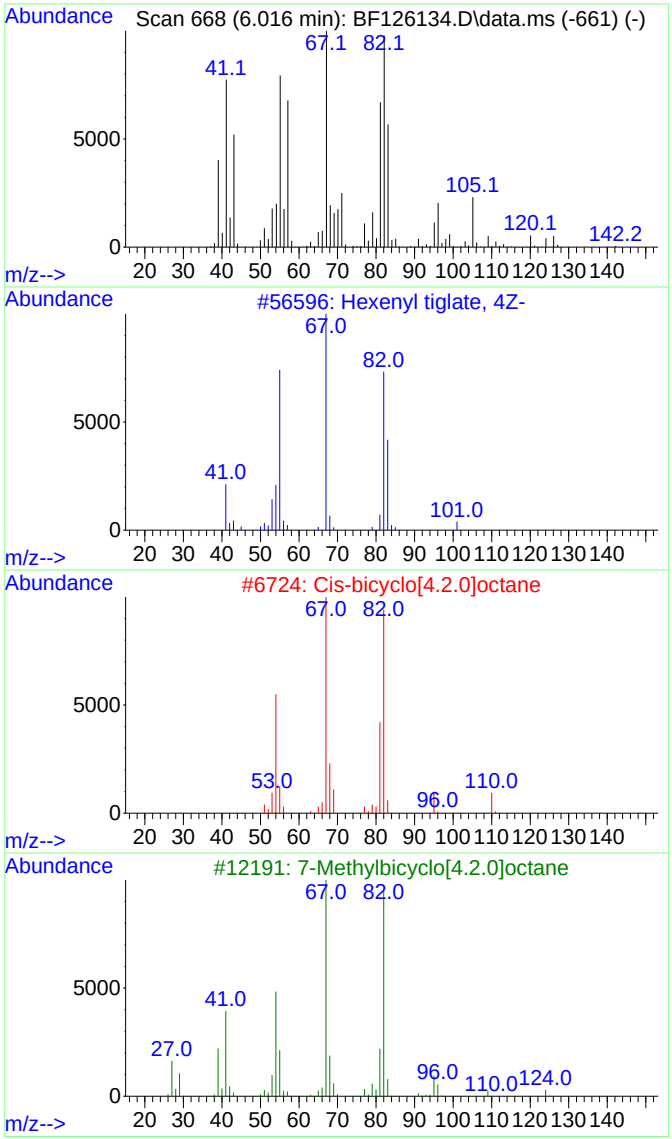
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

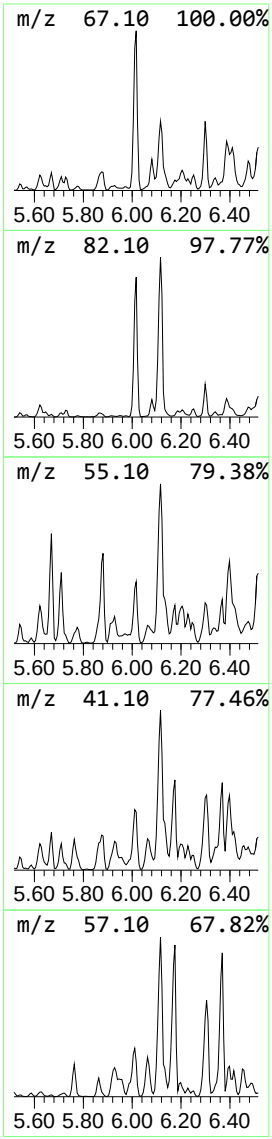
****

Peak Number 3 Hexenyl tiglate, 4Z- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.016	46.32 ng	12377600	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexenyl tiglate, 4Z-	182	C11H18O2	1000383-63-6	59
2	Cis-bicyclo[4.2.0]octane	110	C8H14	028282-35-1	52
3	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	49
4	Cyclohexanepropanol-	142	C9H18O	001124-63-6	46
5	4-Methyl-2-pentyne	82	C6H10	021020-27-9	46





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Data File : BF126134.D
Acq On : 11 Nov 2021 19:50
Operator : JU/CG
Sample : M4630-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13W-16.0-16.5

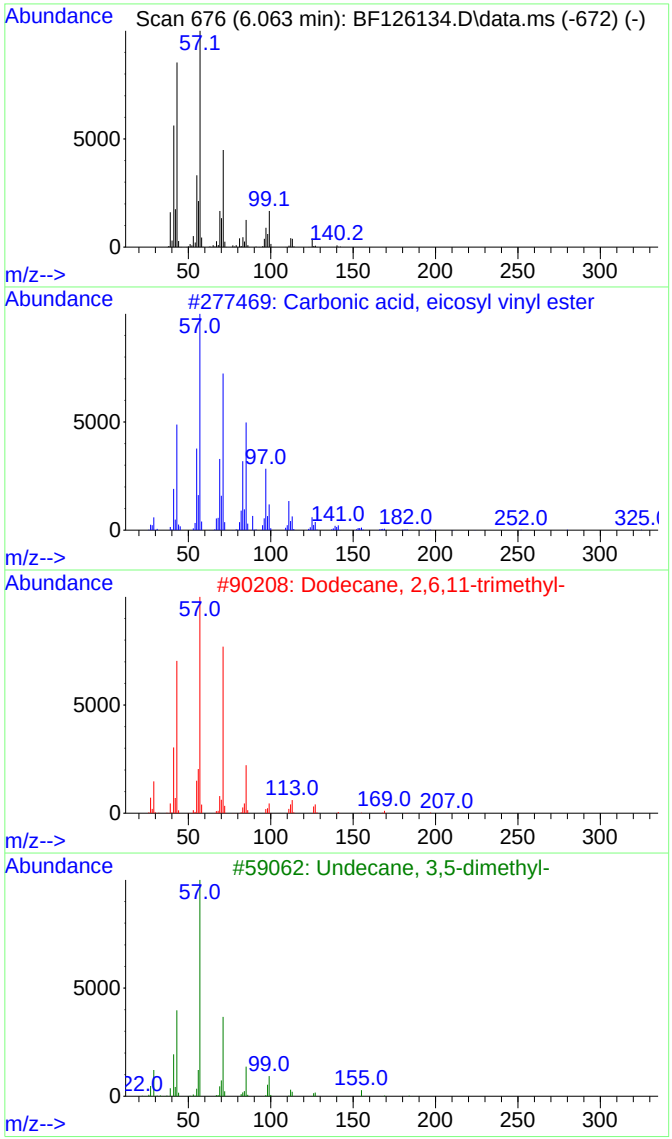
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

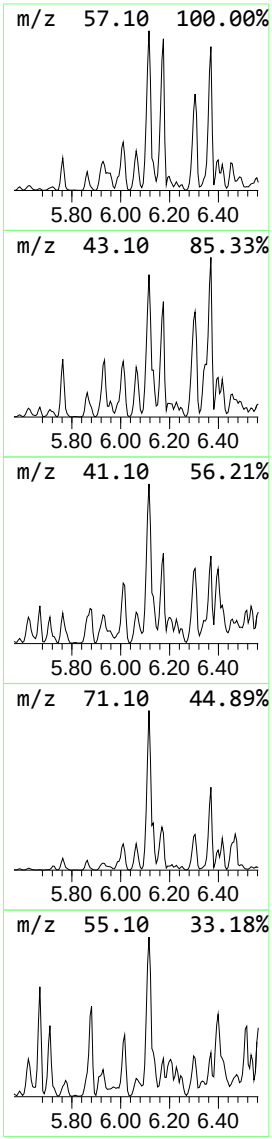
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Carbonic acid, eicosyl viny... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.063	22.22 ng	5936990	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	72
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
Data File : BF126134.D
Acq On : 11 Nov 2021 19:50
Operator : JU/CG
Sample : M4630-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13W-16.0-16.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

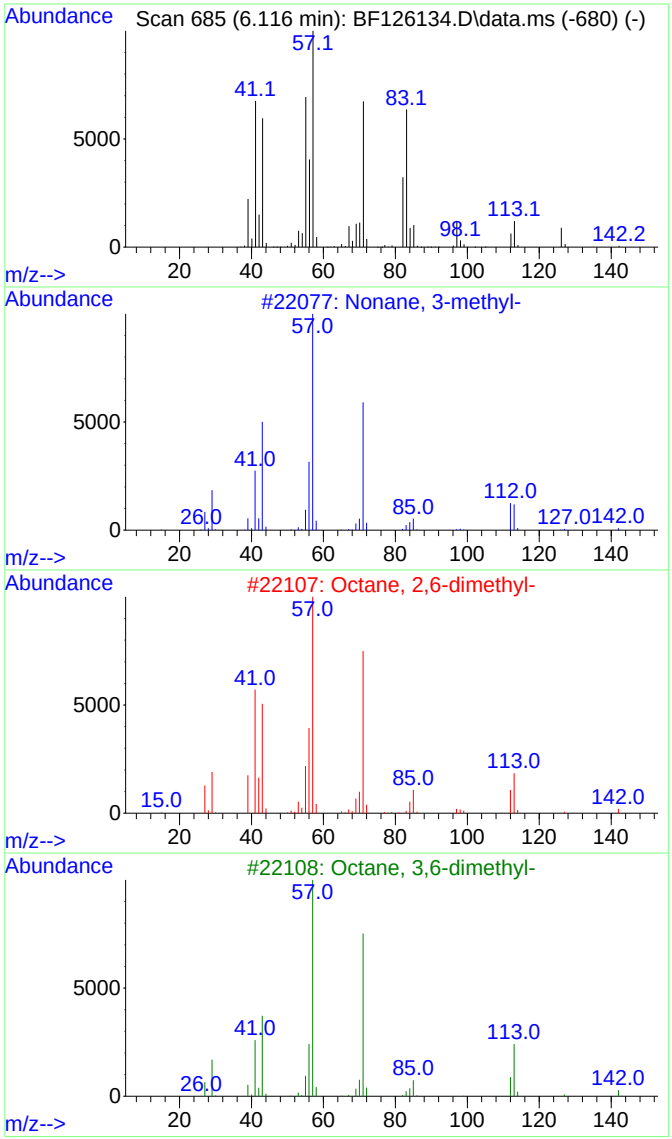
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

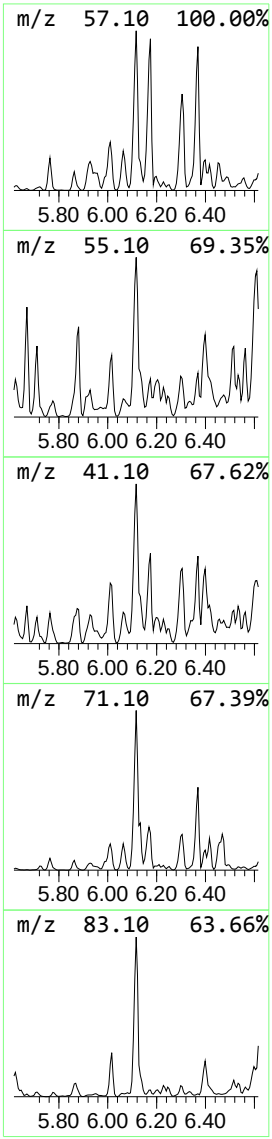
****

Peak Number 5 Nonane, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.116	91.67 ng	24499100	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	53
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	38
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	30
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	30





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Acq On : 11 Nov 2021 19:50
Operator : JU/CG
Sample : M4630-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13W-16.0-16.5

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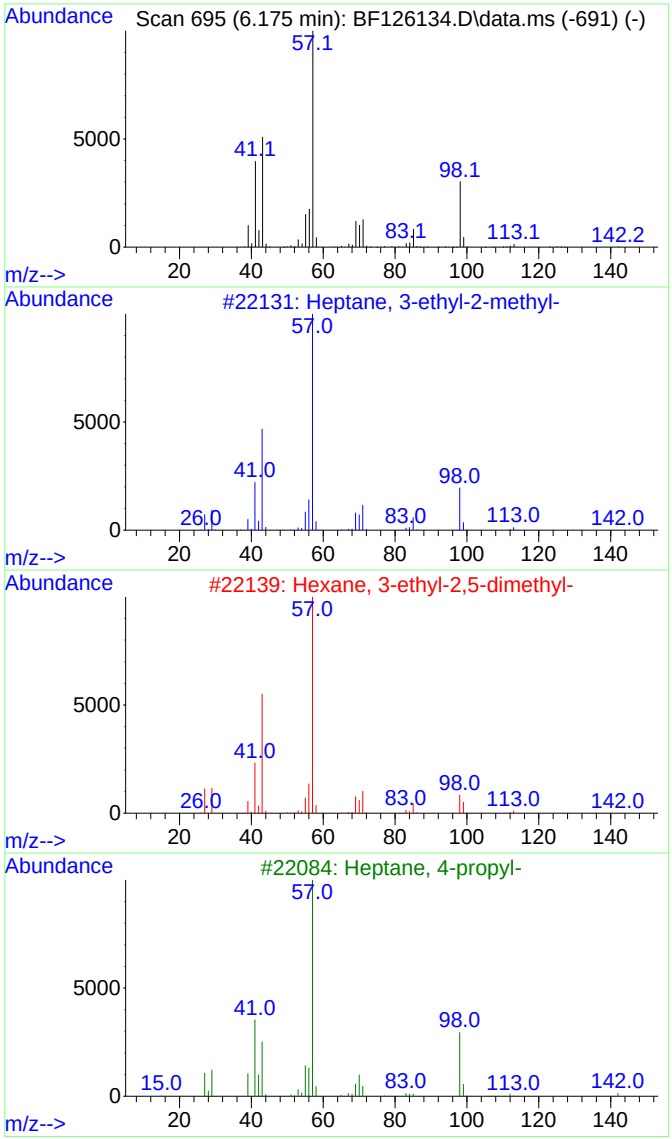
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

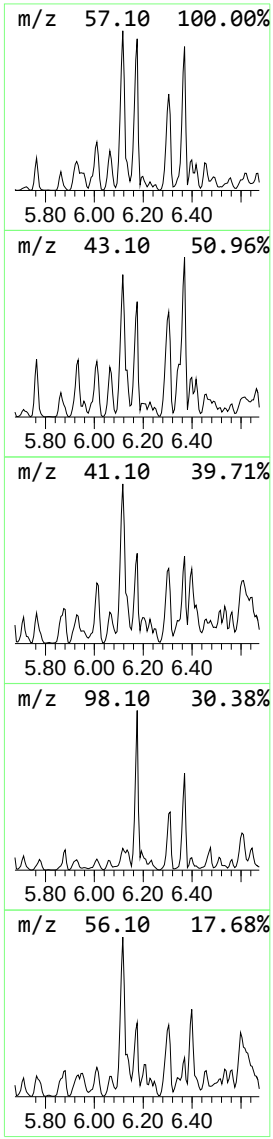
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Heptane, 3-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.175	31.13 ng	8318650	1,4-Dichlorobenzene-d4	6.851

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	74
3	Heptane, 4-propyl-	142	C10H22	003178-29-8	72
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
5	Undecane, 6-methyl-	170	C12H26	017302-33-9	59





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Operator : JU/CG
Sample : M4630-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13W-16.0-16.5

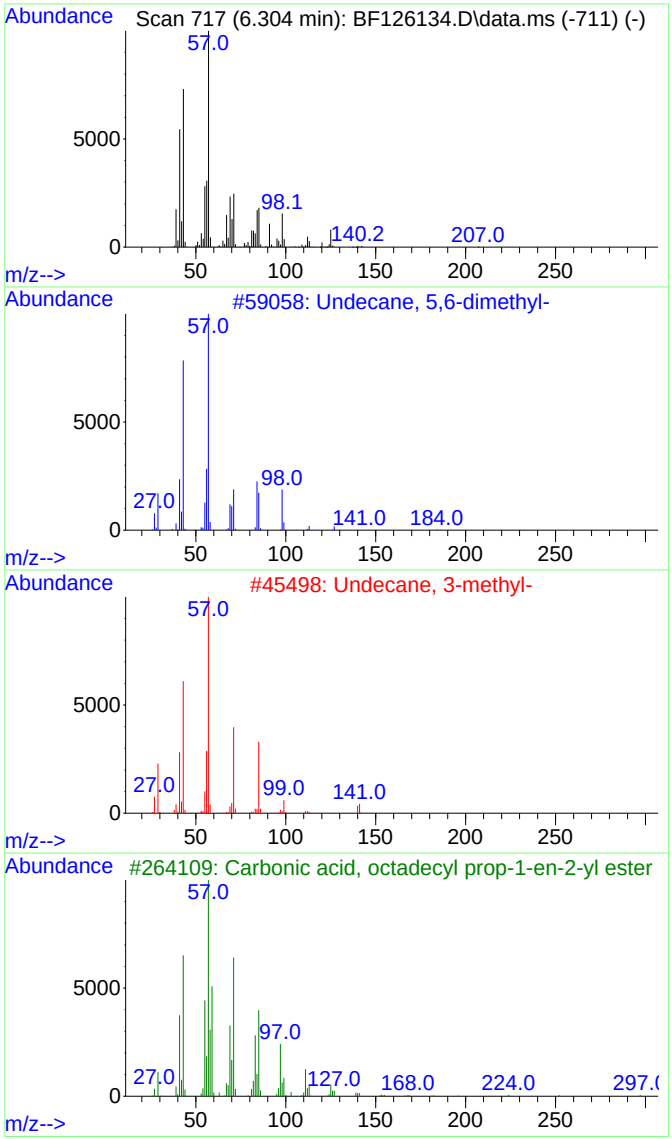
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

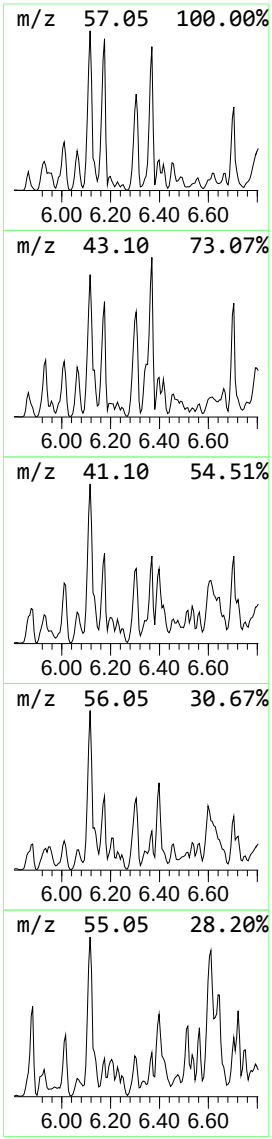
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Undecane, 5,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.304	57.01 ng	15234800	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	59
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	50
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	47
4	Decane, 5-methyl-	156	C11H24	013151-35-4	47
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47





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Operator : JU/CG
Sample : M4630-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13W-16.0-16.5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

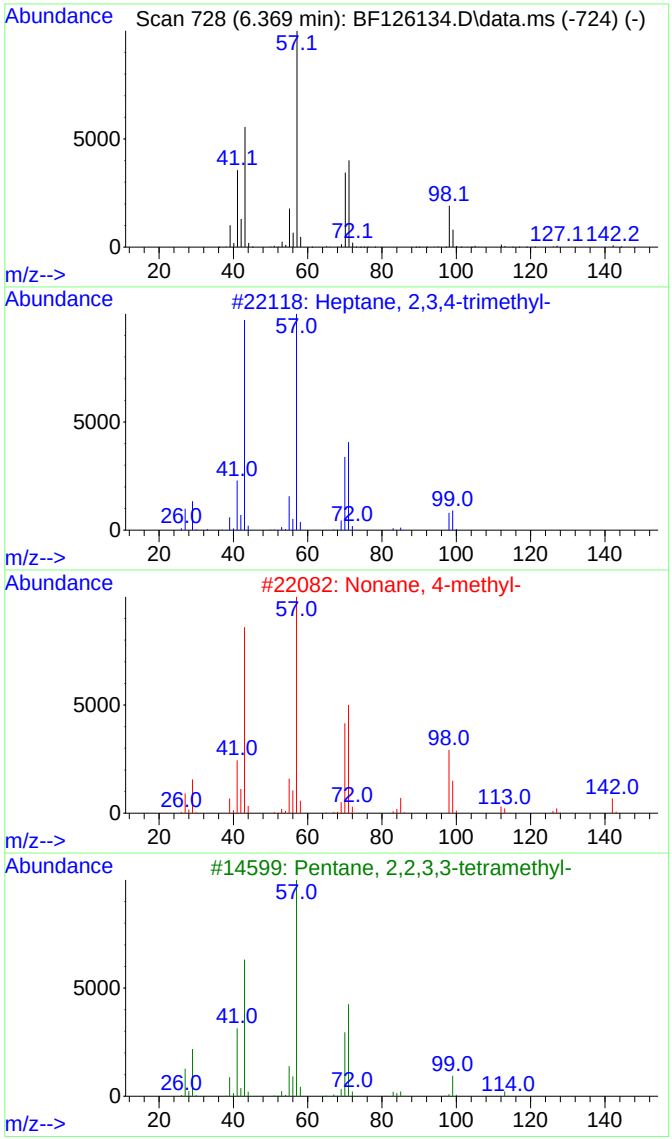
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

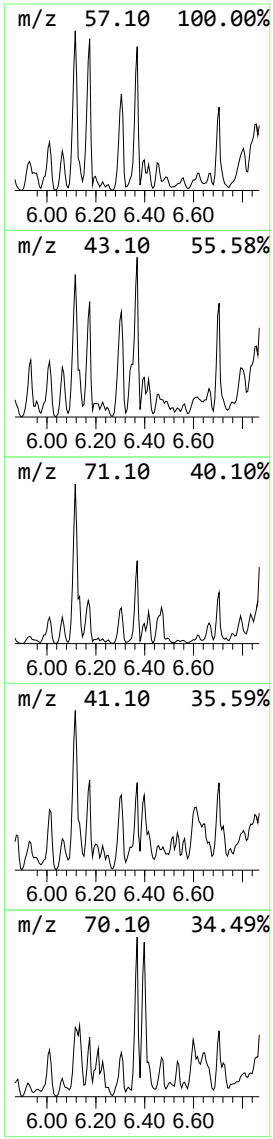
****

Peak Number 8 Heptane, 2,3,4-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.369	24.84 ng	6638260	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	50
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	49





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Operator : JU/CG
Sample : M4630-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13W-16.0-16.5

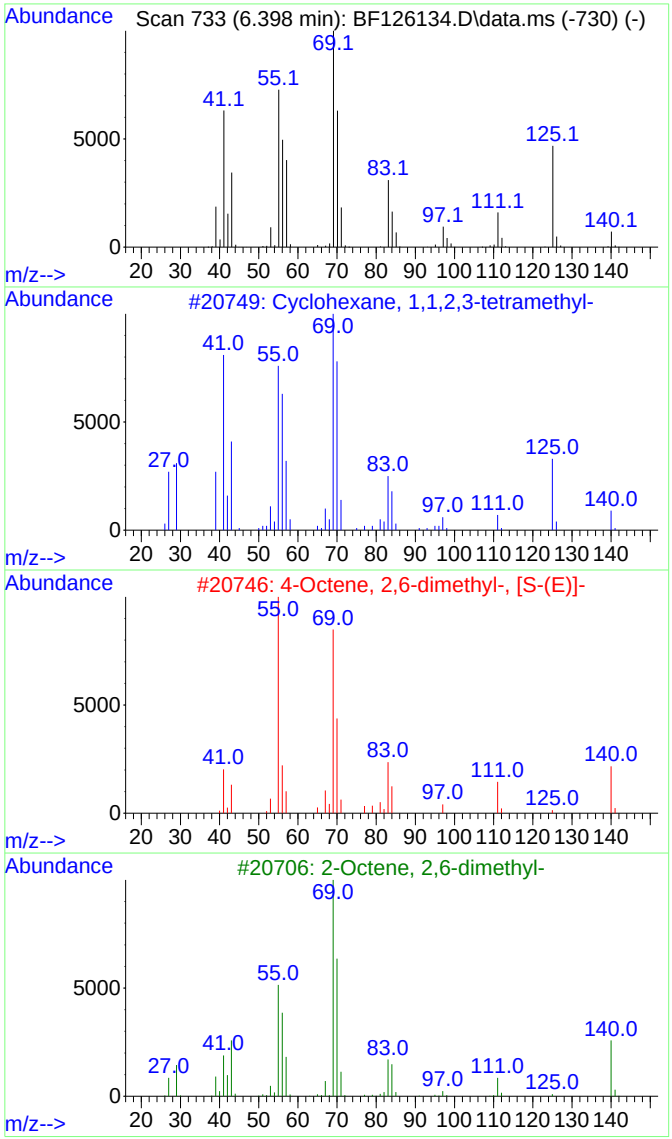
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

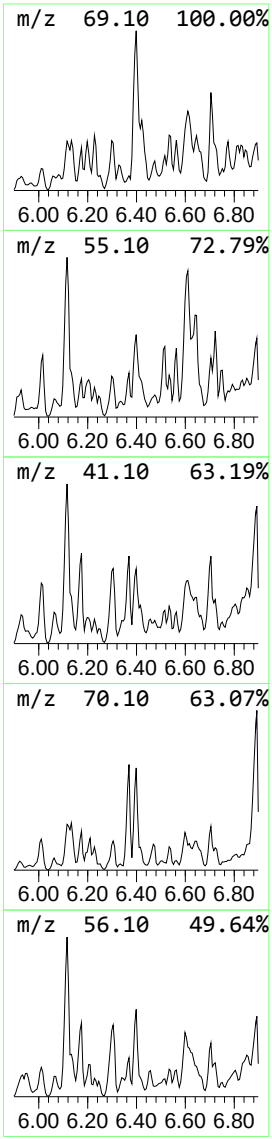
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.398	53.18 ng	14211700	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	90
2	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	62
3	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46
5	1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	46





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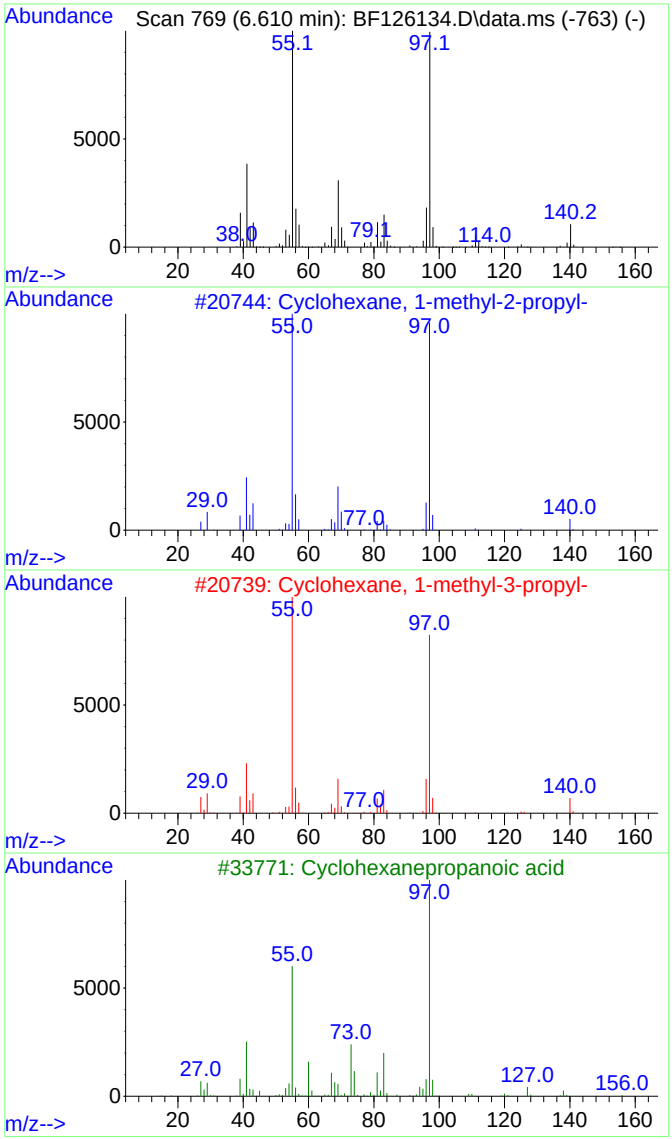
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

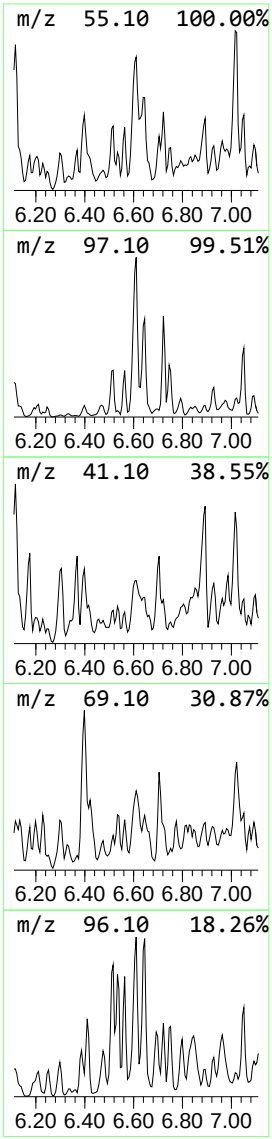
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexane, 1-methyl-2-pro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.610	64.70 ng	17290200	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	90
2	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	81
3	Cyclohexanepropanoic acid	156	C9H16O2	000701-97-3	64
4	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	64
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	64





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Sample : M4630-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-13W-16.0-16.5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

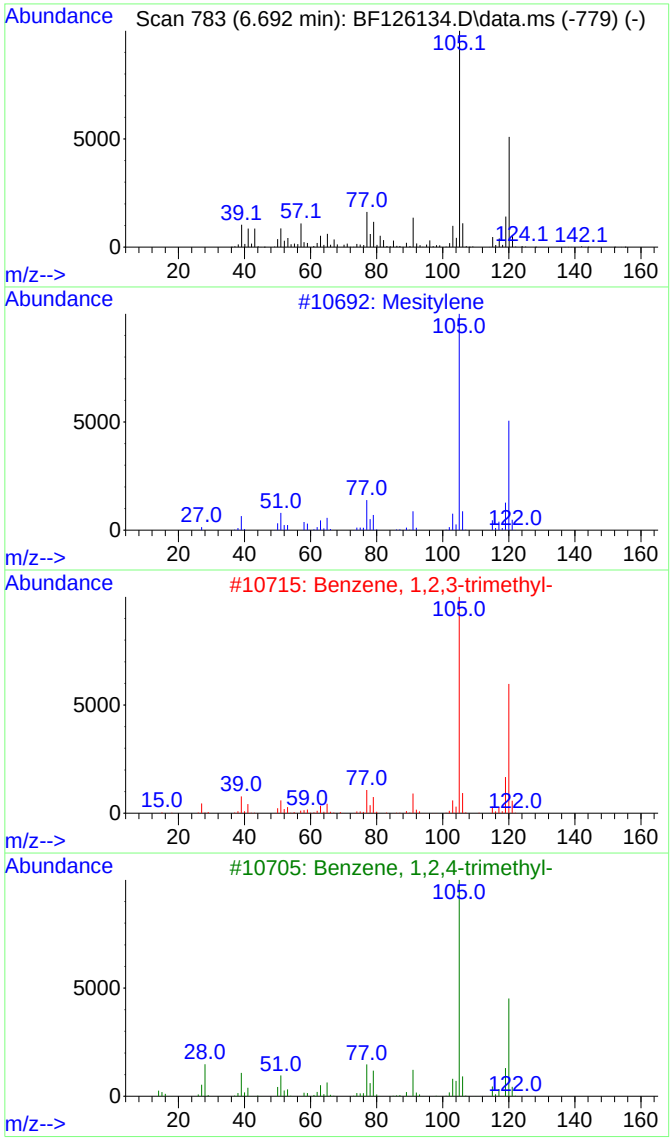
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

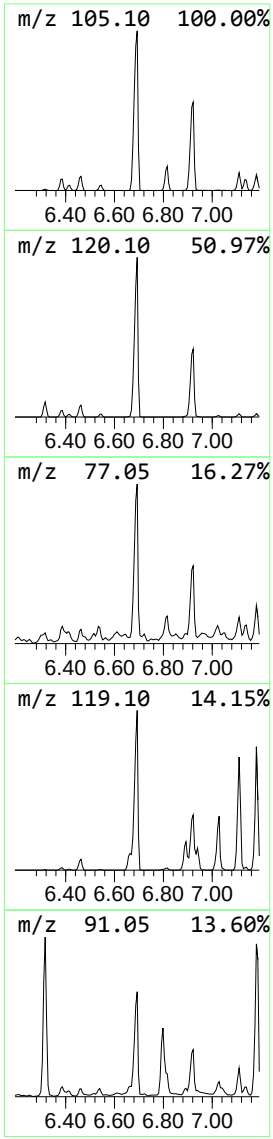
****

Peak Number 11 Mesitylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.692	66.97 ng	17898000	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





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Operator : JU/CG
Sample : M4630-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-13W-16.0-16.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

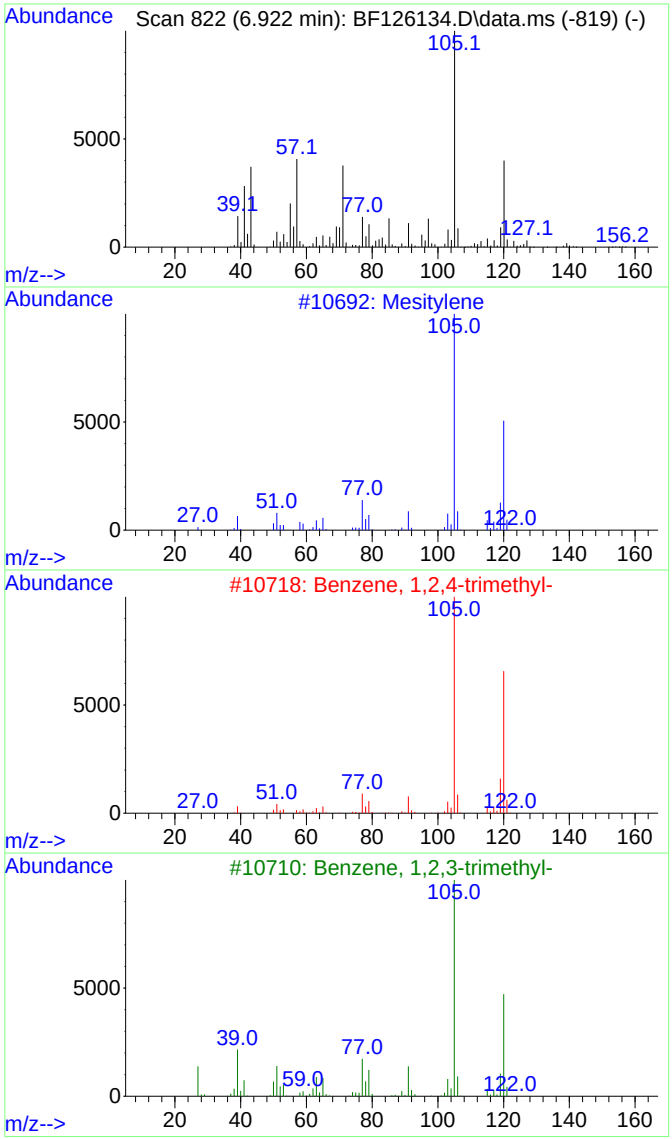
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

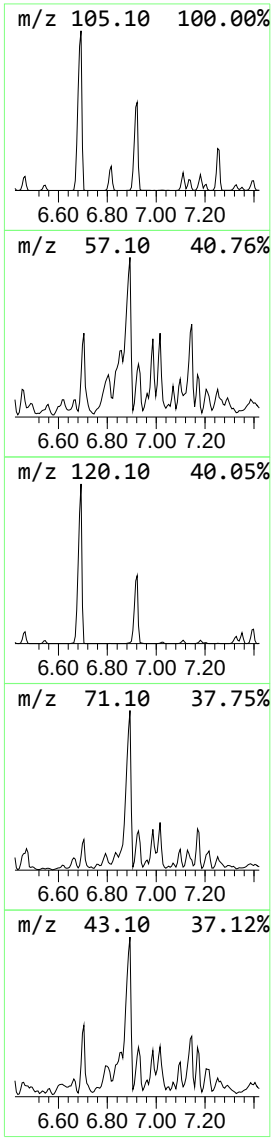
****

Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.922	42.39 ng	11328100	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	93
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	83
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	60





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Operator : JU/CG
Sample : M4630-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

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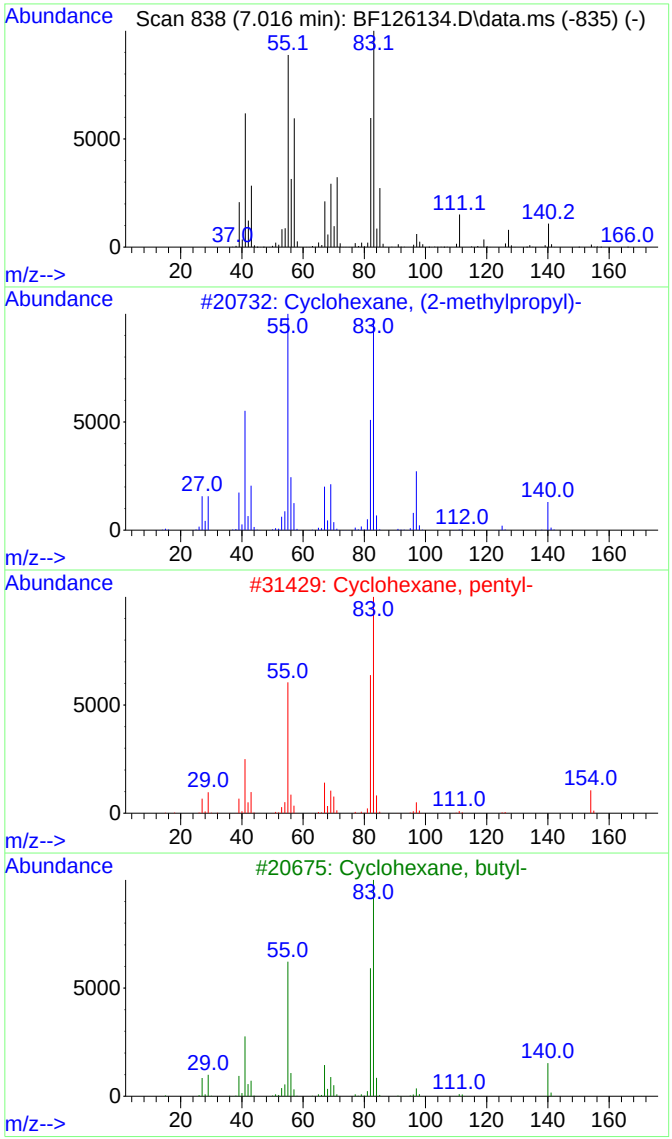
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

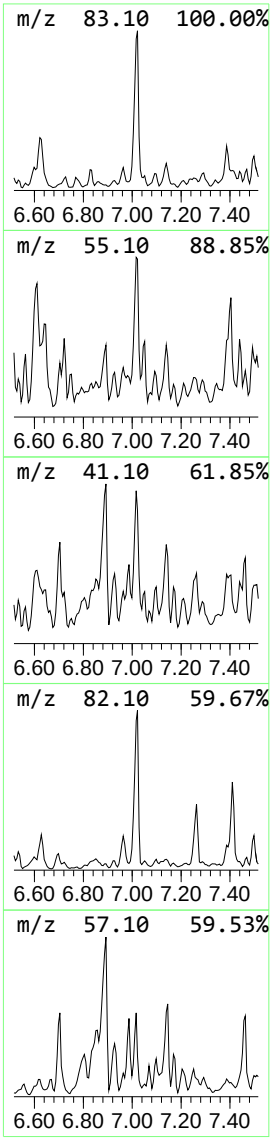
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclohexane, (2-methylpropyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.016	54.79 ng	14641400	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	62
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	62
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	53
5	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	49





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Sample : M4630-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

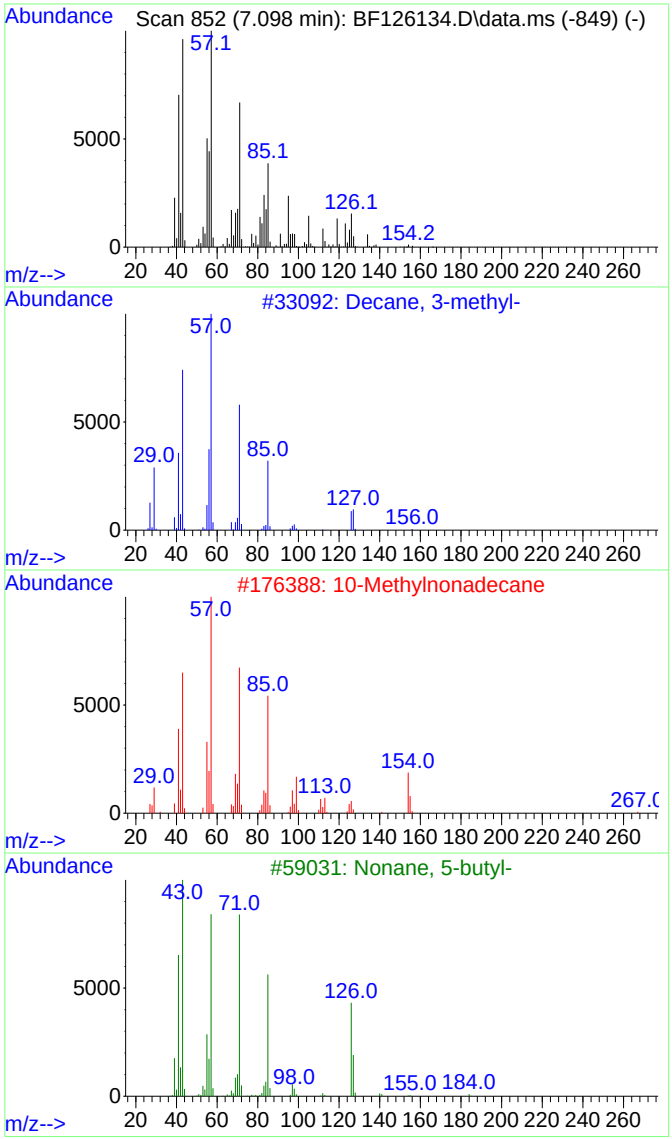
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

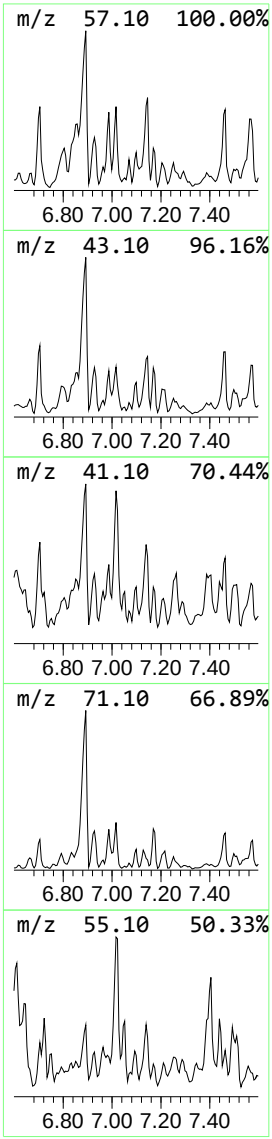
****

Peak Number 14 Decane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.098	26.96 ng	7205600	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	62
2	10-Methylnonadecane	282	C20H42	056862-62-5	43
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	43
4	Tetradecane	198	C14H30	000629-59-4	43
5	Hexadecane	226	C16H34	000544-76-3	43





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ALS Vial : 10 Sample Multiplier: 1

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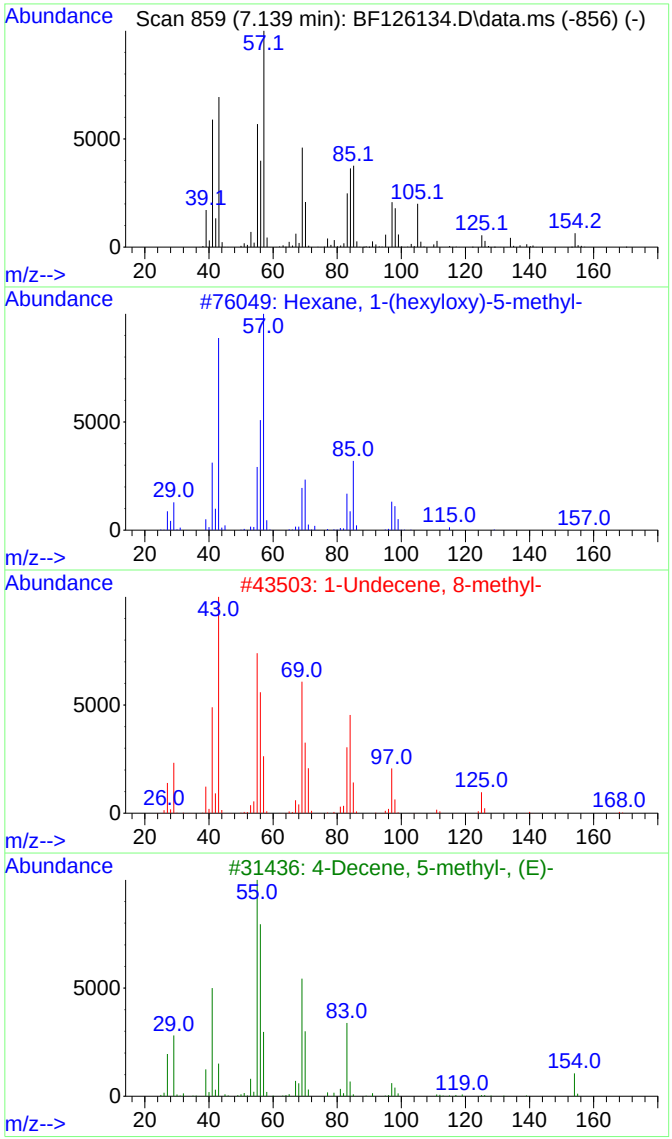
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

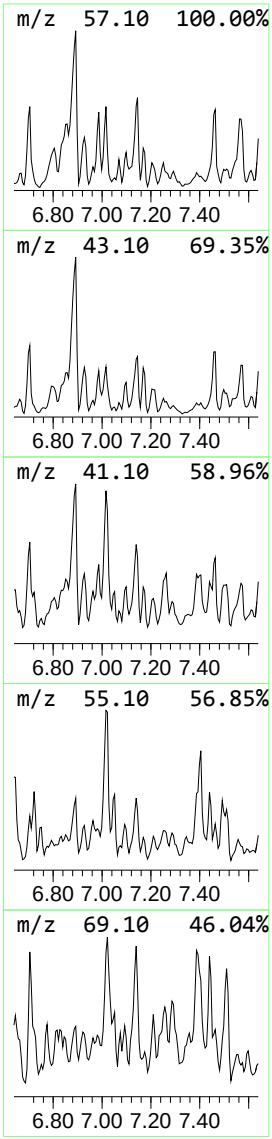
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Hexane, 1-(hexyloxy)-5-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.139	41.90 ng	11196500	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	53
2	1-Undecene, 8-methyl-	168	C12H24	074630-40-3	47
3	4-Decene, 5-methyl-, (E)-	154	C11H22	062338-51-6	43
4	1-Heptanol, 2,4-dimethyl-,	144	C9H20O	098982-97-9	43
5	5-Undecene, (E)-	154	C11H22	000764-97-6	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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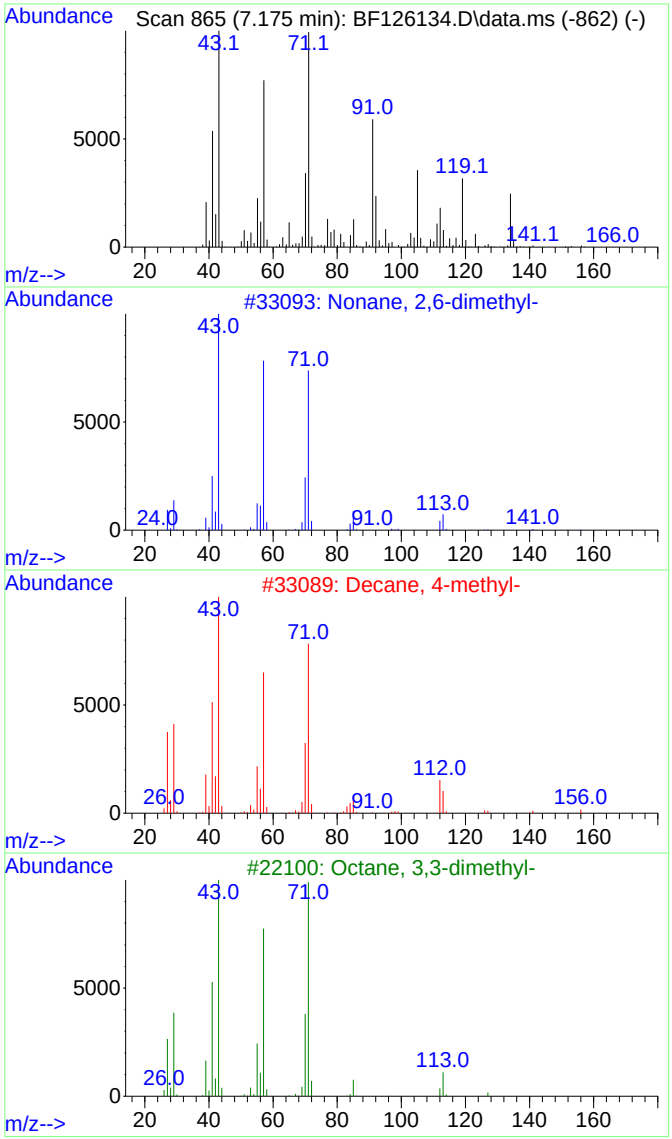
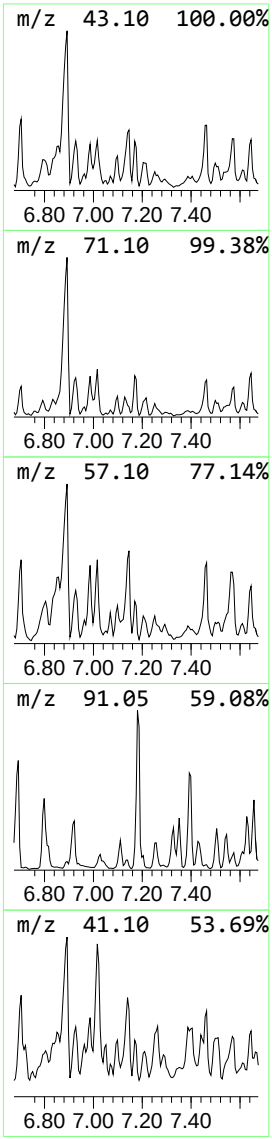
Peak Number 16 unknown7.175 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.175	24.37 ng	6513020	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	49
2	Decane, 4-methyl-	156	C11H24	002847-72-5	47
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	43
4	Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	35
5	Tetrahydrofuran, 2-propyl-	114	C7H14O	003208-22-8	27





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Data File : BF126134.D
Acq On : 11 Nov 2021 19:50
Operator : JU/CG
Sample : M4630-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13W-16.0-16.5

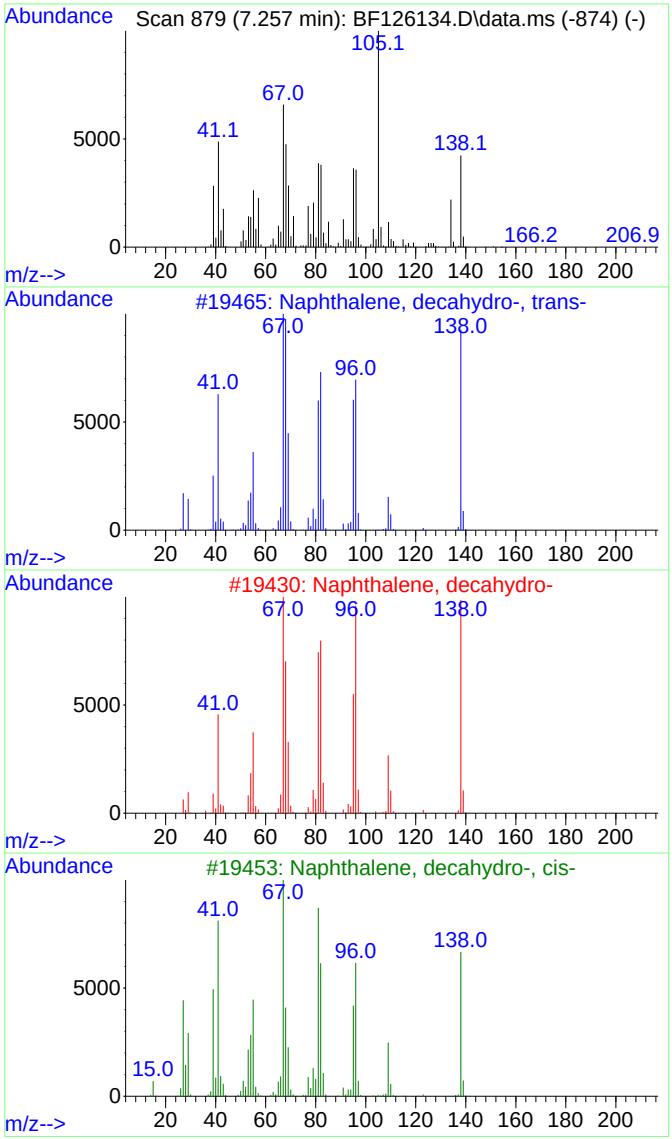
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

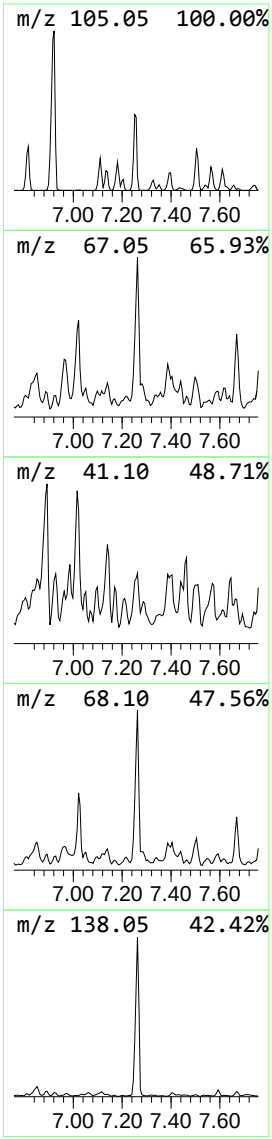
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, decahydro-, tr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.257	49.02 ng	13101200	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	93
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	90
4	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	46
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	40





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Data File : BF126134.D
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Operator : JU/CG
Sample : M4630-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13W-16.0-16.5

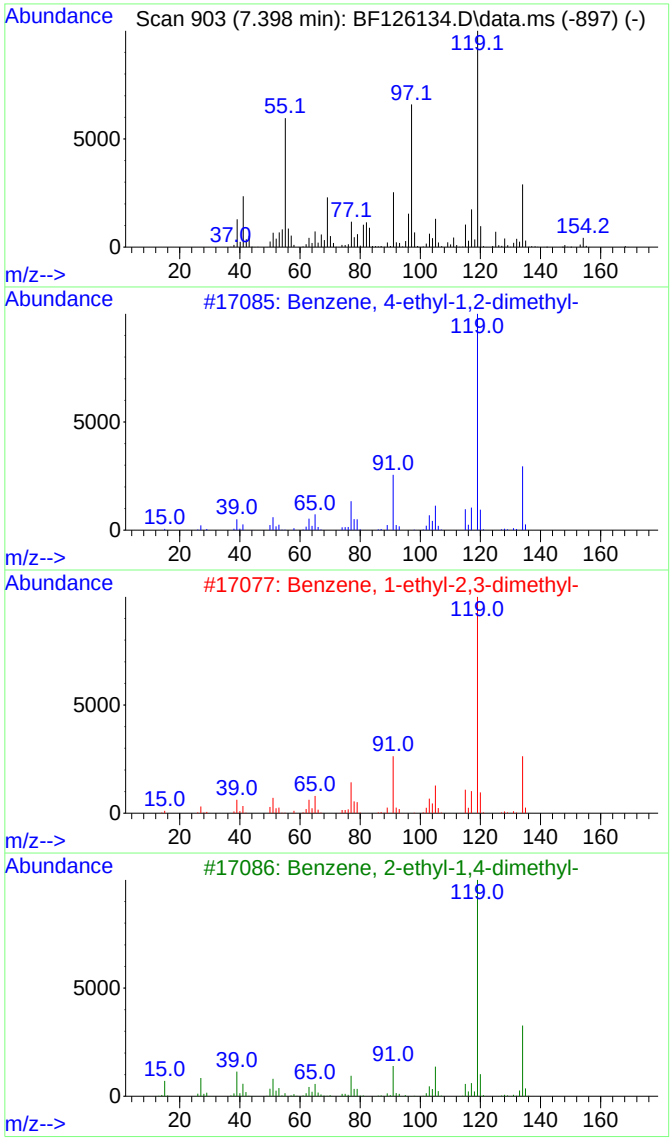
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

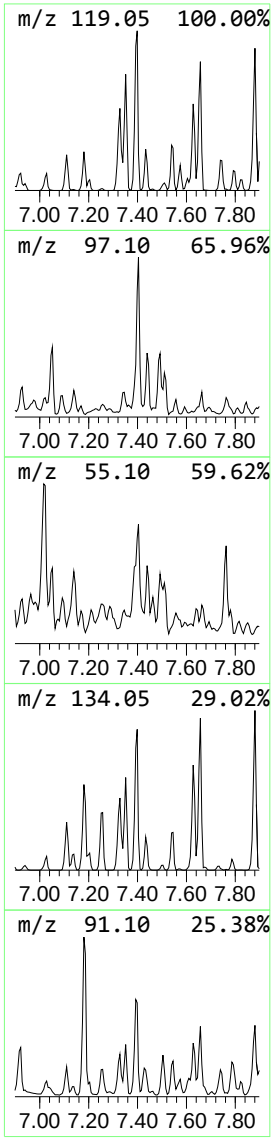
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.398	71.99 ng	19239900	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	92
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
Data File : BF126134.D
Acq On : 11 Nov 2021 19:50
Operator : JU/CG
Sample : M4630-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13W-16.0-16.5

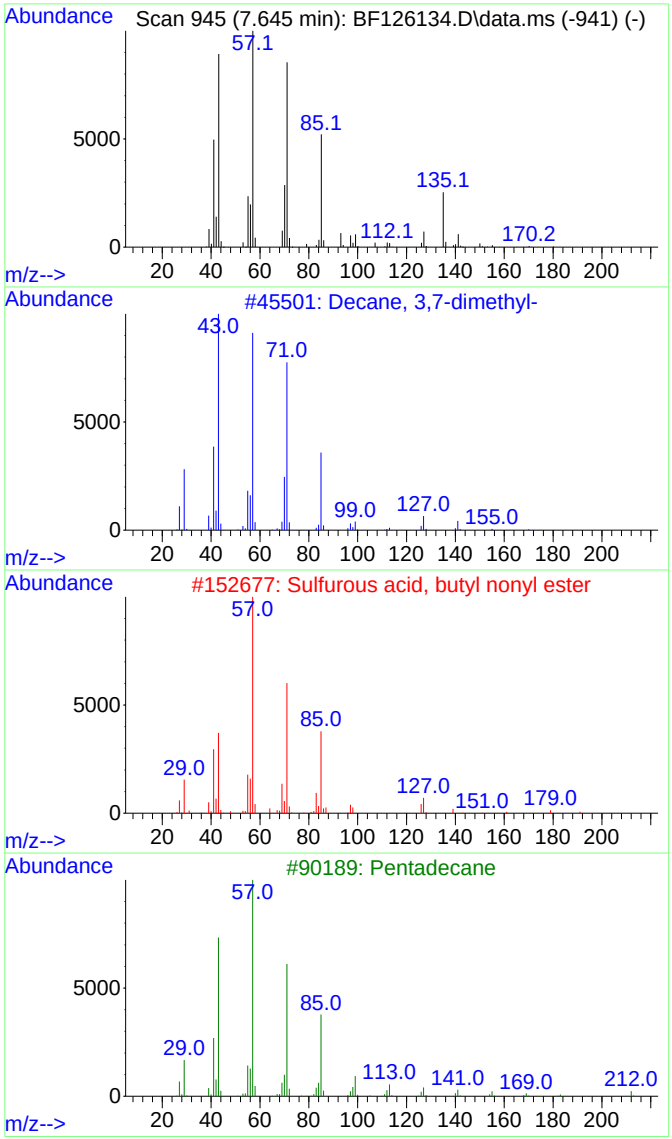
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

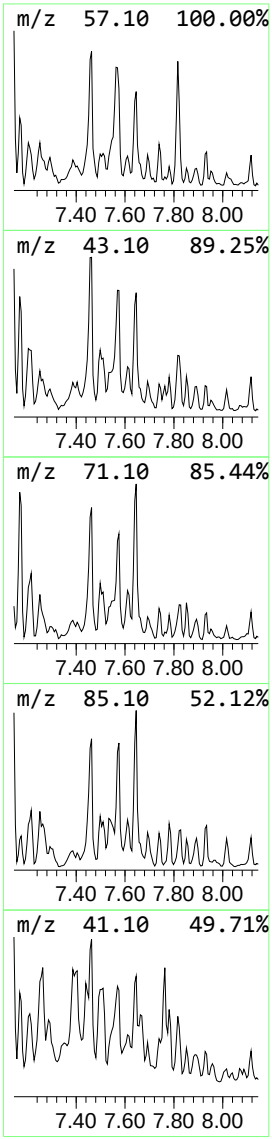
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Decane, 3,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.645	20.61 ng	4371460	Naphthalene-d8	8.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	93
2	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64
3	Pentadecane	212	C15H32	000629-62-9	59
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
5	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	53





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Data File : BF126134.D
Acq On : 11 Nov 2021 19:50
Operator : JU/CG
Sample : M4630-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13W-16.0-16.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

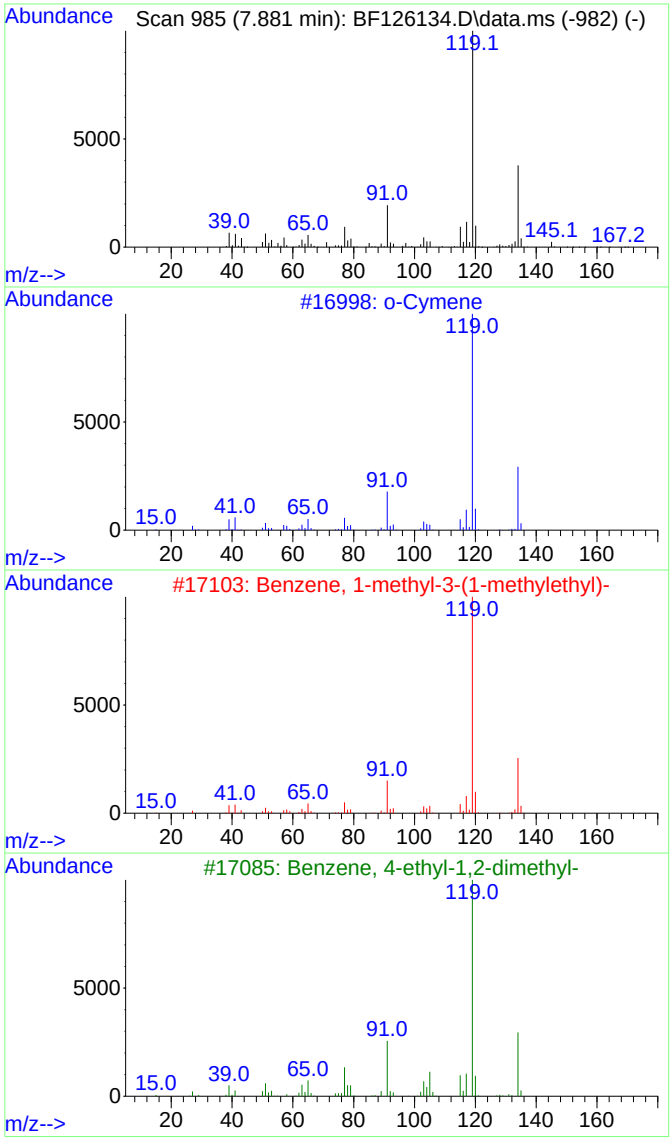
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

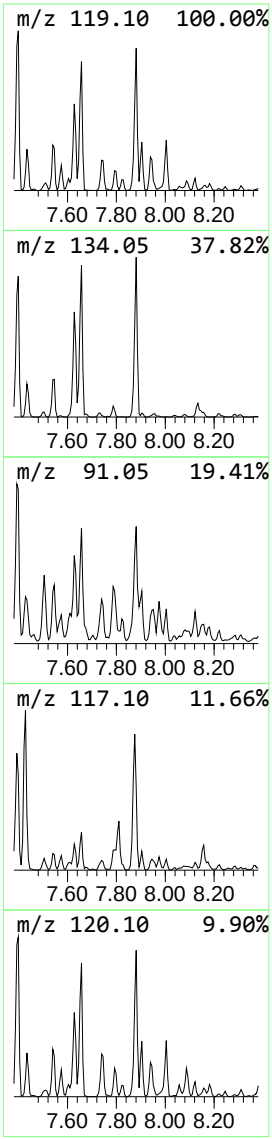
****

Peak Number 20 o-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.881	26.31 ng	5579640	Naphthalene-d8	8.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	p-Cymene	134	C10H14	000099-87-6	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
Data File : BF126134.D
Acq On : 11 Nov 2021 19:50
Operator : JU/CG
Sample : M4630-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13W-16.0-16.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.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
Cyclohexane, 1-...	5.881	30.5	ng	8160280	1	6.851	5344800	20.0
Hexane, 2,4-dim...	5.928	21.5	ng	5742200	1	6.851	5344800	20.0
Hexenyl tiglate...	6.016	46.3	ng	12377600	1	6.851	5344800	20.0
Carbonic acid, ...	6.063	22.2	ng	5936990	1	6.851	5344800	20.0
Nonane, 3-methyl-	6.116	91.7	ng	24499100	1	6.851	5344800	20.0
Heptane, 3-ethy...	6.175	31.1	ng	8318650	1	6.851	5344800	20.0
Undecane, 5,6-d...	6.304	57.0	ng	15234800	1	6.851	5344800	20.0
Heptane, 2,3,4-...	6.369	24.8	ng	6638260	1	6.851	5344800	20.0
Cyclohexane, 1,...	6.398	53.2	ng	14211700	1	6.851	5344800	20.0
Cyclohexane, 1-...	6.610	64.7	ng	17290200	1	6.851	5344800	20.0
Mesitylene	6.692	67.0	ng	17898000	1	6.851	5344800	20.0
Benzene, 1,2,3-...	6.922	42.4	ng	11328100	1	6.851	5344800	20.0
Cyclohexane, (2...	7.016	54.8	ng	14641400	1	6.851	5344800	20.0
Decane, 3-methyl-	7.098	27.0	ng	7205600	1	6.851	5344800	20.0
Hexane, 1-(hexy...	7.139	41.9	ng	11196500	1	6.851	5344800	20.0
unknown7.175	7.175	24.4	ng	6513020	1	6.851	5344800	20.0
Naphthalene, de...	7.257	49.0	ng	13101200	1	6.851	5344800	20.0
Benzene, 4-ethy...	7.398	72.0	ng	19239900	1	6.851	5344800	20.0
Decane, 3,7-dim...	7.645	20.6	ng	4371460	2	8.134	4241150	20.0
o-Cymene	7.881	26.3	ng	5579640	2	8.134	4241150	20.0