LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
Data File : BF126347.D
Acq On : 23 Dec 2021 16:40
Operator : JU/CG
Sample : M5181-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-4-(7.5-8)-12-8-21

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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126347.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.463	397	404	410	rVB2	92950	166348	1.62%	0.117%
2	4.869	469	473	478	rVB	277943	323639	3.15%	0.227%
3	4.951	478	487	493	rBV2	244444	423705	4.12%	0.297%
4	5.022	495	499	501	rBV	141548	150232	1.46%	0.105%
5	5.069	504	507	509	rVV2	153232	208246	2.03%	0.146%
6	5.092	509	511	514	rVB2	135954	127706	1.24%	0.090%
7	5.228	528	534	537	rBV	324913	343589	3.34%	0.241%
8	5.422	563	567	571	rVB	2681099	2875706	27.98%	2.016%
9	5.510	579	582	584	rBV	137630	116725	1.14%	0.082%
10	5.586	592	595	600	rVB2	517037	703452	6.84%	0.493%
11	5.675	605	610	611	rBV2	227850	277237	2.70%	0.194%
12	5.692	611	613	617	rVB	320103	313925	3.05%	0.220%
13	5.745	618	622	626	rBV	571173	518635	5.05%	0.364%
14	5.833	632	637	642	rVB2	1258134	1985485	19.32%	1.392%
15	5.886	642	646	650	rBV2	748901	1091359	10.62%	0.765%
16	5.934	650	654	658	rBV4	151888	243944	2.37%	0.171%
17	5.975	658	661	665	rVB2	1450361	1551491	15.09%	1.088%
18	6.028	665	670	672	rBV2	1100027	1481444	14.41%	1.039%
19	6.075	675	678	680	rBV	2137954	2139039	20.81%	1.500%
20	6.098	680	682	684	rVB2	993669	851300	8.28%	0.597%
21	6.133	684	688	690	rBV	1807402	1670243	16.25%	1.171%
22	6.163	690	693	696	rBV2	741644	1039010	10.11%	0.728%
23	6.186	696	697	700	rVB	617122	444481	4.32%	0.312%
24	6.210	700	701	705	rVB2	759795	581744	5.66%	0.408%
25	6.263	705	710	713	rBV	1173472	1441457	14.02%	1.011%
26	6.298	713	716	719	rBV2	525176	584554	5.69%	0.410%
27	6.351	722	725	726	rBV	1108377	1092669	10.63%	0.766%
28	6.369	726	728	735	rVB3	1094171	1700199	16.54%	1.192%
29	6.439	735	740	744	rBV	2958672	4423784	43.04%	3.102%
30	6.475	744	746	748	rBV	1078697	833946	8.11%	0.585%
31	6.498	748	750	752	rVB2	1481482	1170543	11.39%	0.821%
32	6.528	752	755	758	rVB3	999229	1042822	10.15%	0.731%
33	6.581	759	764	766	rBV3	1731589	2349183	22.86%	1.647%
34	6.604	766	768	770	rVB2	851043	682044	6.64%	0.478%
35	6.628	770	772	775	rVB	562069	461003	4.49%	0.323%
36	6.681	776	781	784	rVB3	1674700	2036758	19.82%	1.428%

LSC Area Percent Report

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Operator : JU/CG
Sample : M5181-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21

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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	6.710	784	786	787	rBV	157149	127025	1.24%	0.089%
38	6.757	787	794	795	rBV5	1048780	1846912	17.97%	1.295%
39	6.798	798	801	802	rBV2	921725	864703	8.41%	0.606%
40	6.816	802	804	808	rBV4	676427	910565	8.86%	0.638%
41	6.892	813	817	819	rBV3	1795320	2374202	23.10%	1.665%
42	6.922	819	822	824	rBV2	1497560	1755227	17.08%	1.231%
43	6.951	824	827	829	rVB	1324599	1104053	10.74%	0.774%
44	6.980	829	832	835	rVB2	1466179	1443127	14.04%	1.012%
45	7.016	835	838	840	rVB	1711554	1827922	17.78%	1.282%
46	7.063	840	846	848	rBV3	1554226	2413878	23.48%	1.692%
47	7.104	848	853	857	rVB4	2312832	3445846	33.52%	2.416%
48	7.145	857	860	862	rBV4	602657	505376	4.92%	0.354%
49	7.180	862	866	868	rBV4	1083836	1404850	13.67%	0.985%
50	7.228	868	874	876	rBV4	2515204	3564439	34.68%	2.499%
51	7.251	876	878	884	rVB4	1439203	2259336	21.98%	1.584%
52	7.310	885	888	892	rBV3	934854	1146229	11.15%	0.804%
53	7.357	892	896	898	rBV4	2063189	3183940	30.98%	2.232%
54	7.475	912	916	921	rVB5	3141944	4963148	48.29%	3.480%
55	7.528	921	925	927	rBV4	1543809	2259600	21.98%	1.584%
56	7.586	933	935	937	rBV3	769102	706412	6.87%	0.495%
57	7.645	937	945	947	rVB4	3499237	6026739	58.63%	4.226%
58	7.675	947	950	952	rBV	1349289	1187330	11.55%	0.832%
59	7.763	961	965	968	rVB5	4071474	4865410	47.34%	3.411%
60	7.798	968	971	973	rBV2	773739	1002849	9.76%	0.703%
61	7.828	973	976	980	rVV3	1047787	1450290	14.11%	1.017%
62	7.945	993	996	1000	rVB4	2096227	2225343	21.65%	1.560%
63	8.010	1005	1007	1012	rVB2	1888176	2504409	24.37%	1.756%
64	8.110	1021	1024	1030	rVB6	1774256	2656350	25.84%	1.862%
65	8.198	1036	1039	1041	rVB	2702526	2197617	21.38%	1.541%
66	8.333	1060	1062	1065	rVB2	1781786	1829617	17.80%	1.283%
67	8.416	1072	1076	1079	rVB5	2413815	3686106	35.86%	2.584%
68	8.451	1079	1082	1084	rBV3	1053917	1383669	13.46%	0.970%
69	8.563	1096	1101	1109	rVB2	4596517	10278553	100.00%	7.207%
70	9.039	1180	1182	1185	rVB2	1993512	1863980	18.13%	1.307%
71	9.163	1199	1203	1205	rVB	3779074	4278577	41.63%	3.000%
72	9.286	1221	1224	1229	rBV4	1874318	3110422	30.26%	2.181%
73	9.616	1274	1280	1282	rBV2	3733237	5987227	58.25%	4.198%
74	9.798	1308	1311	1314	rVB3	2232296	2204512	21.45%	1.546%
75	10.139	1366	1369	1375	rVB5	1308951	1631816	15.88%	1.144%
76	10.292	1392	1395	1398	rVB	1517223	1552235	15.10%	1.088%

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Instrument :
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ClientSampleId :
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.533	1434	1436	1441	rVB	1300539	1268436	12.34%	0.889%
78	10.804	1480	1482	1488	rVB	1743285	1644137	16.00%	1.153%
79	12.951	1845	1847	1850	rVB	1063617	881171	8.57%	0.618%
80	16.586	2461	2465	2477	rVB	697673	1354687	13.18%	0.950%

Sum of corrected areas: 142625919

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
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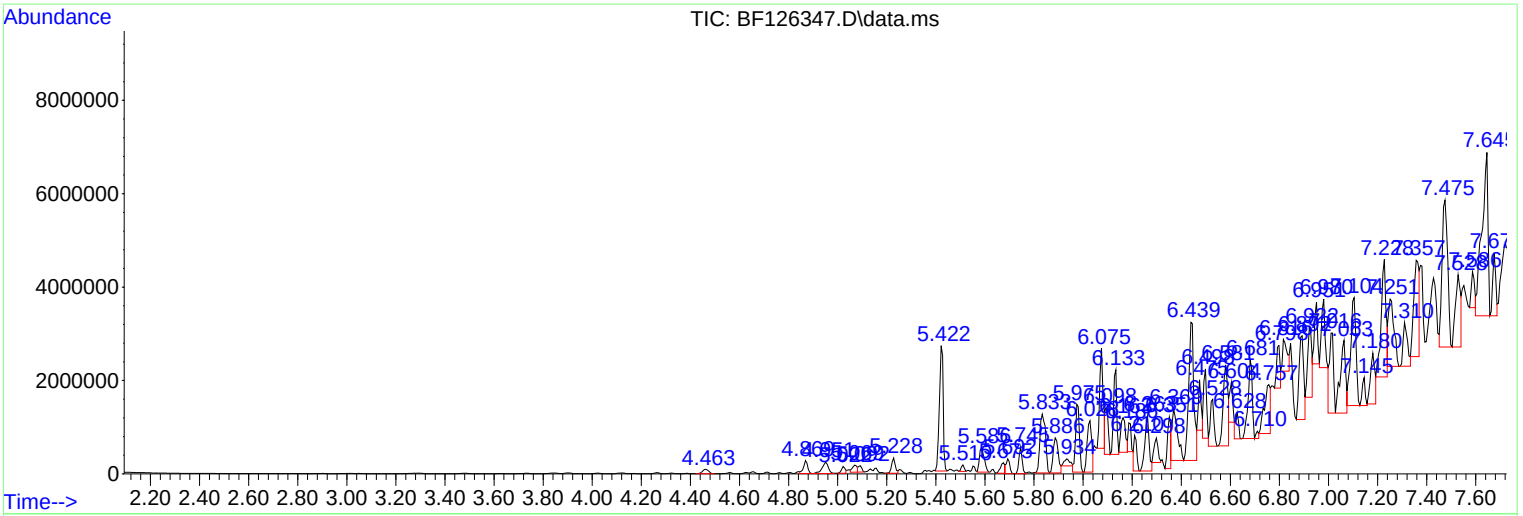
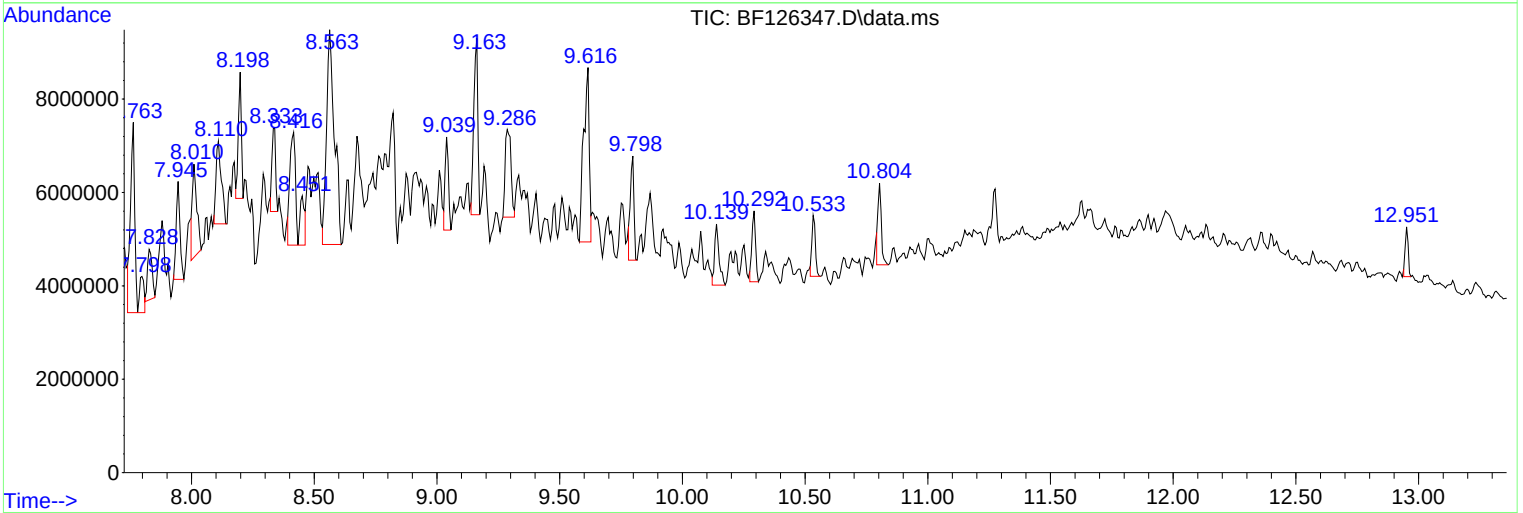
Misc :
ALS Vial : 10 Sample Multiplier: 1

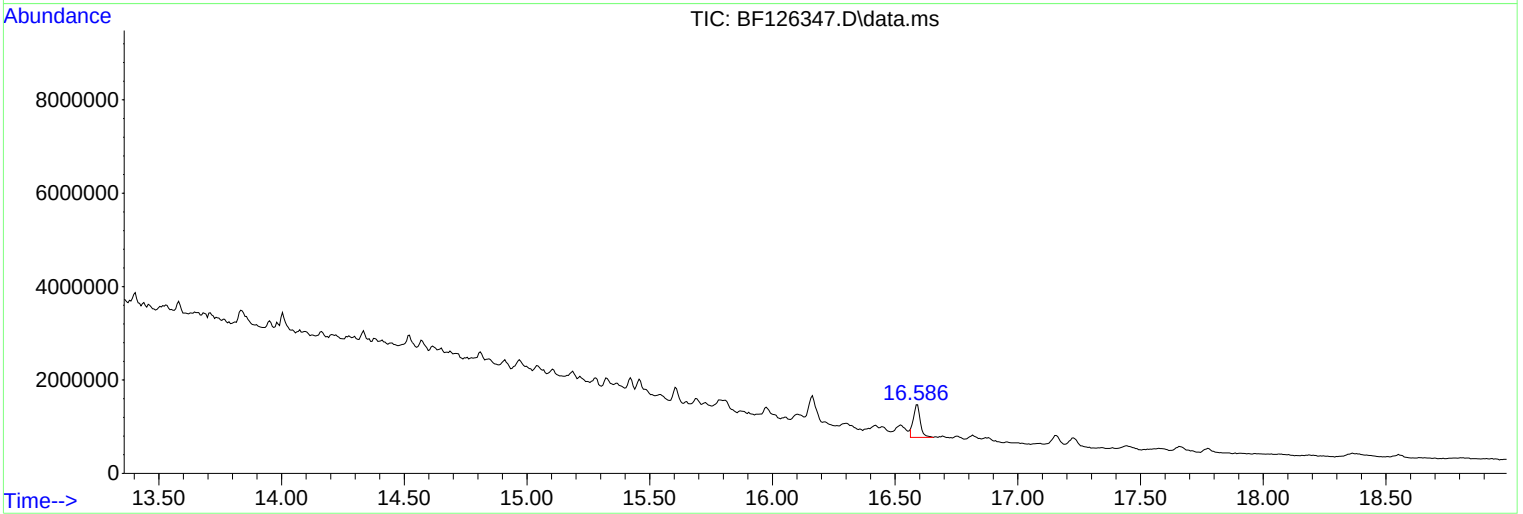
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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\BF122321\
Data File : BF126347.D
Acq On : 23 Dec 2021 16:40
Operator : JU/CG
Sample : M5181-01
Misc :
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Instrument :
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DB-4-(7.5-8)-12-8-21

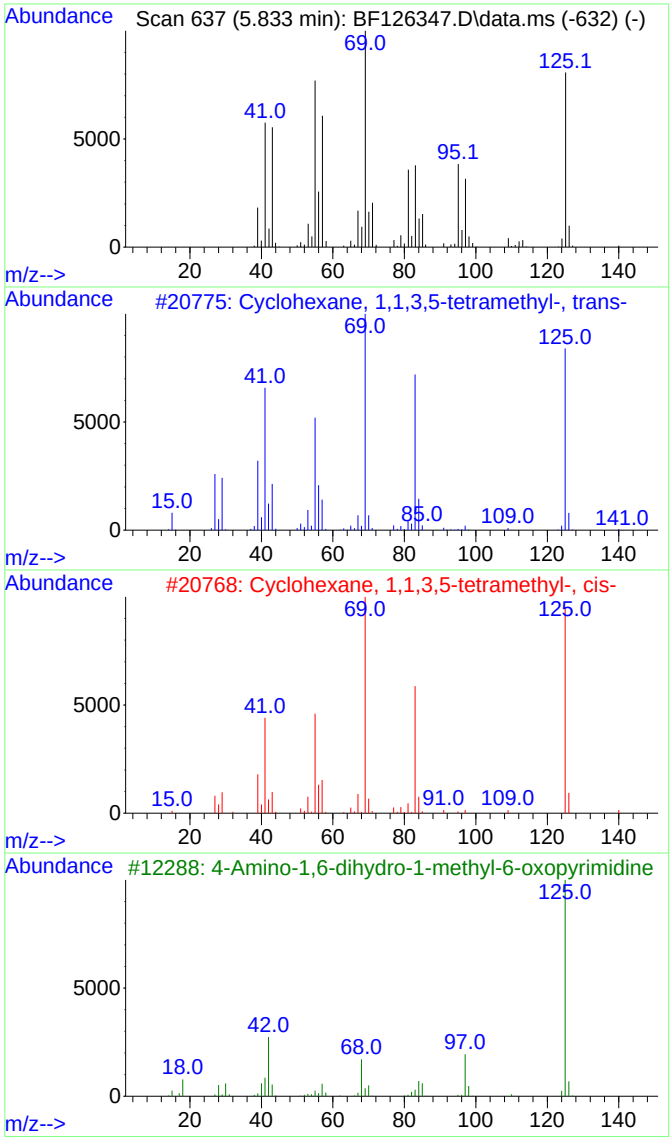
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

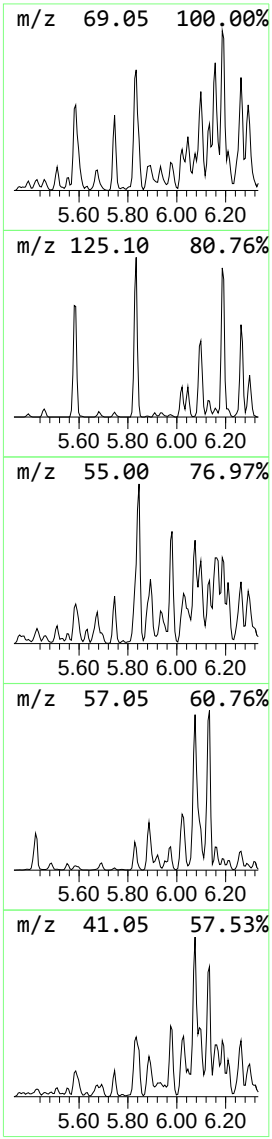
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexane, 1,1,3,5-tetram... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.833	43.61 ng	1985490	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	52
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	50
3	4-Amino-1,6-dihydro-1-methyl-6-o...	125	C5H7N3O	001122-46-9	35
4	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	27
5	7-Oxabicyclo[4.1.0]heptane, 1,5-...	126	C8H14O	162239-52-3	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
Data File : BF126347.D
Acq On : 23 Dec 2021 16:40
Operator : JU/CG
Sample : M5181-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21

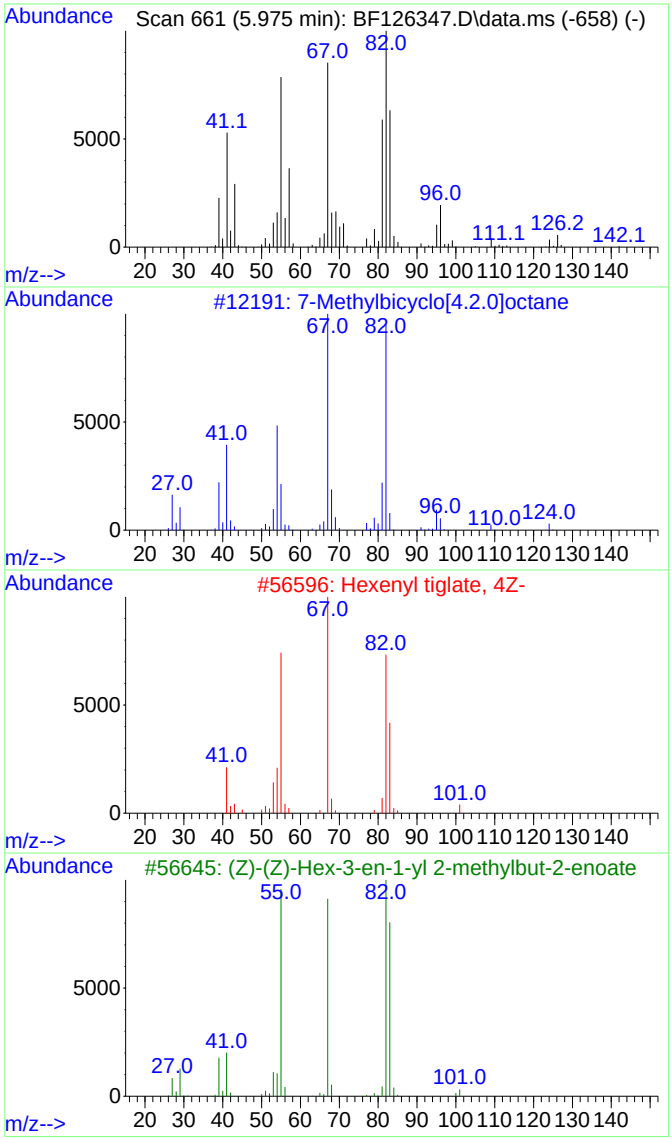
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

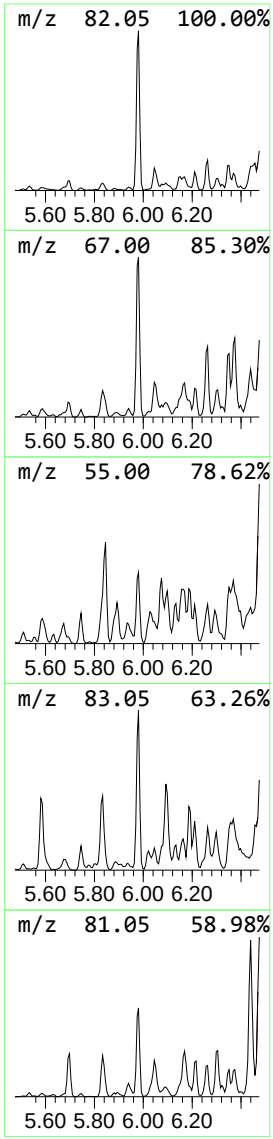
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 7-Methylbicyclo[4.2.0]octane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.975	34.08 ng	1551490	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	70
2	Hexenyl tiglate, 4Z-	182	C11H18O2	1000383-63-6	64
3	(Z)-(Z)-Hex-3-en-1-yl 2-methylbu...	182	C11H18O2	084060-80-0	64
4	(Z)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	067883-79-8	50
5	Heptanonitrile	111	C7H13N	000629-08-3	47





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

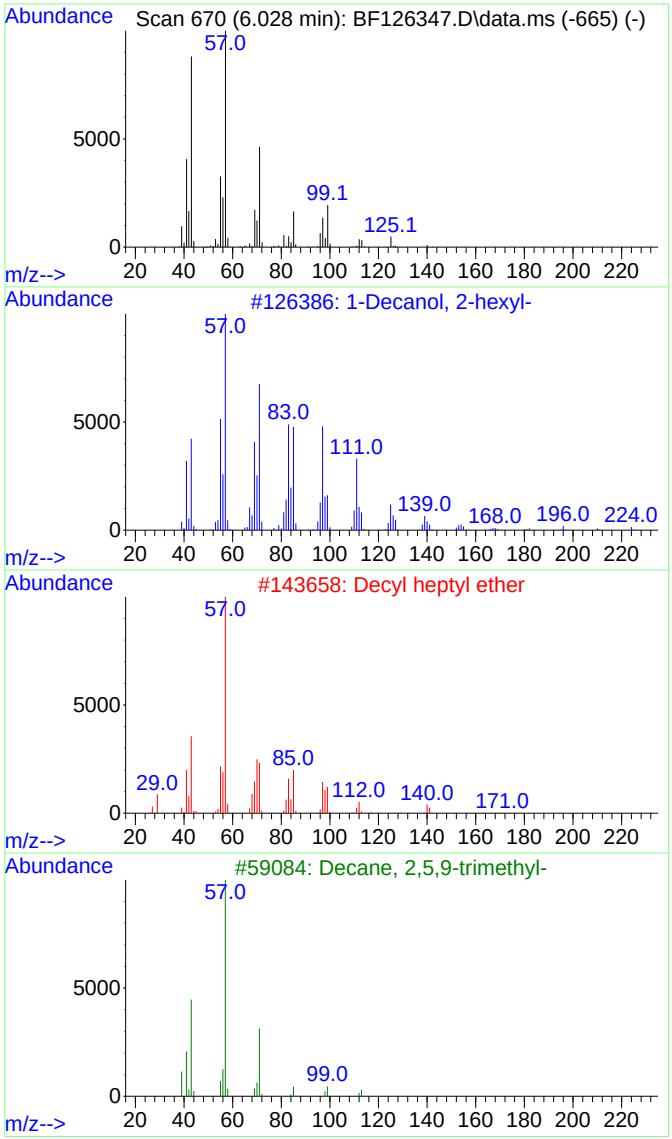
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

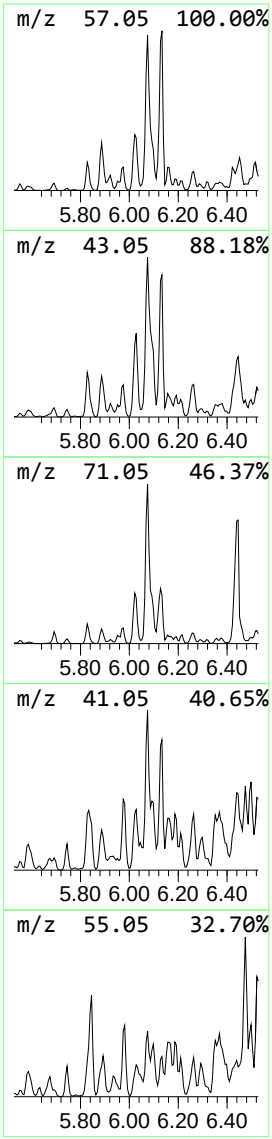
****

Peak Number 3 1-Decanol, 2-hexyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.028	32.54 ng	1481440	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	64
2	Decyl heptyl ether	256	C17H36O	1000406-39-1	53
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	53
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	47
5	3-Octanone	128	C8H16O	000106-68-3	47





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

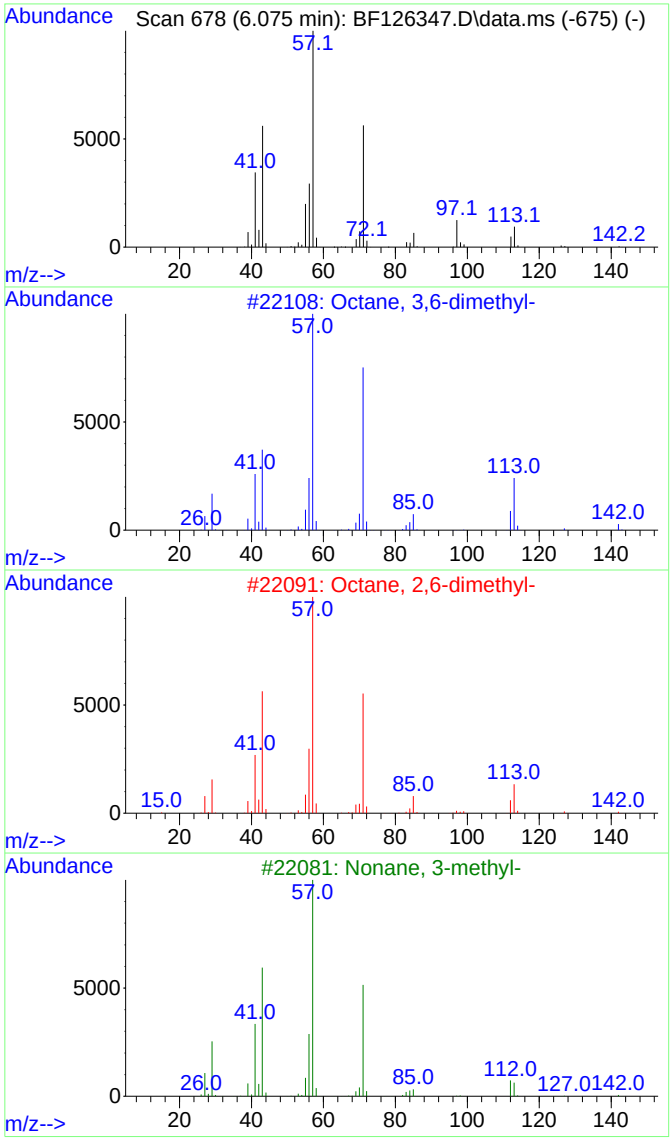
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

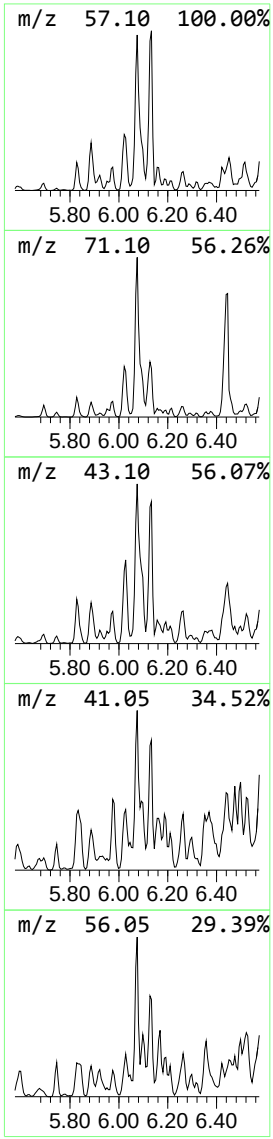
****

Peak Number 4 Octane, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.075	46.98 ng	2139040	1,4-Dichlorobenzene-d4	6.816

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	72
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59
5	5-Methyl-2-hexanol, 2-methylprop...	186	C11H22O2	1000447-34-4	47





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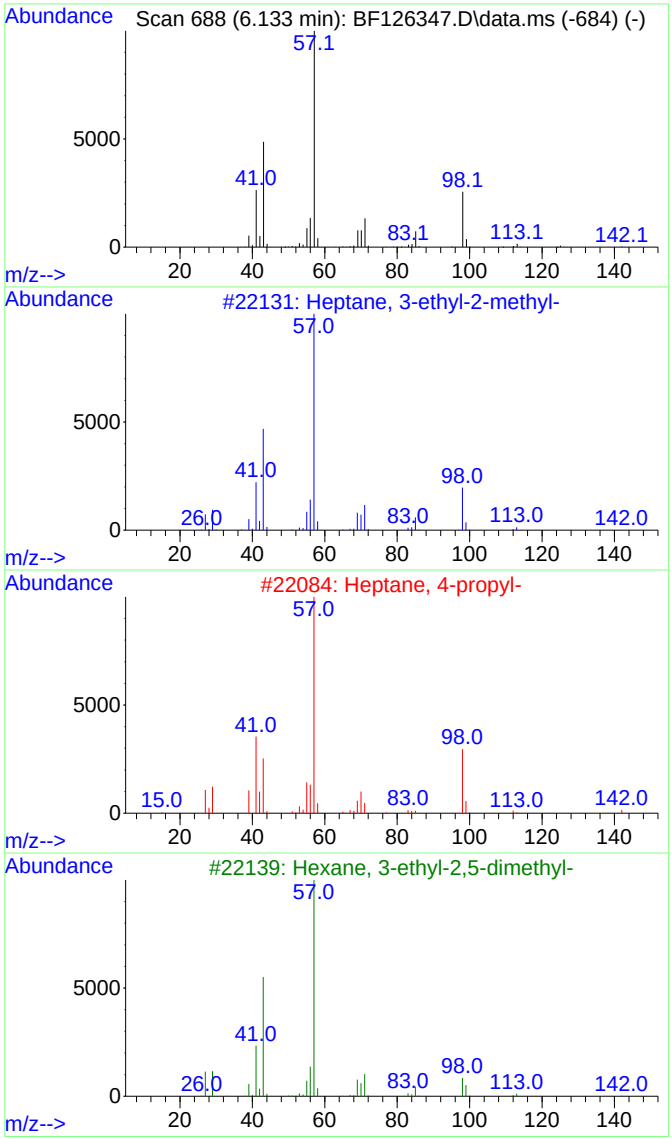
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

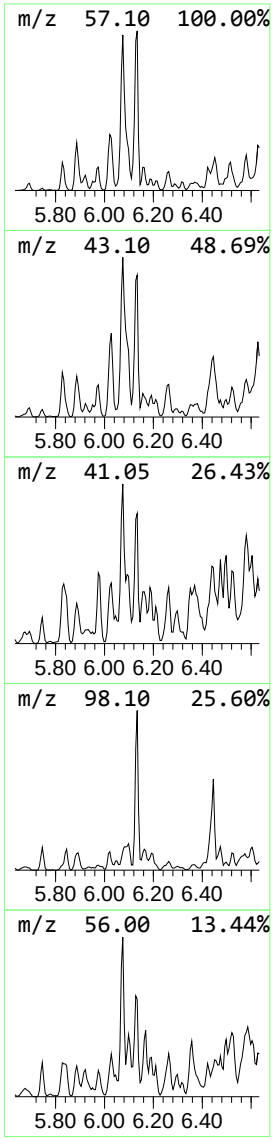
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptane, 3-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.133	36.69 ng	1670240	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	90
2	Heptane, 4-propyl-	142	C10H22	003178-29-8	72
3	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	70
4	Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	53
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21

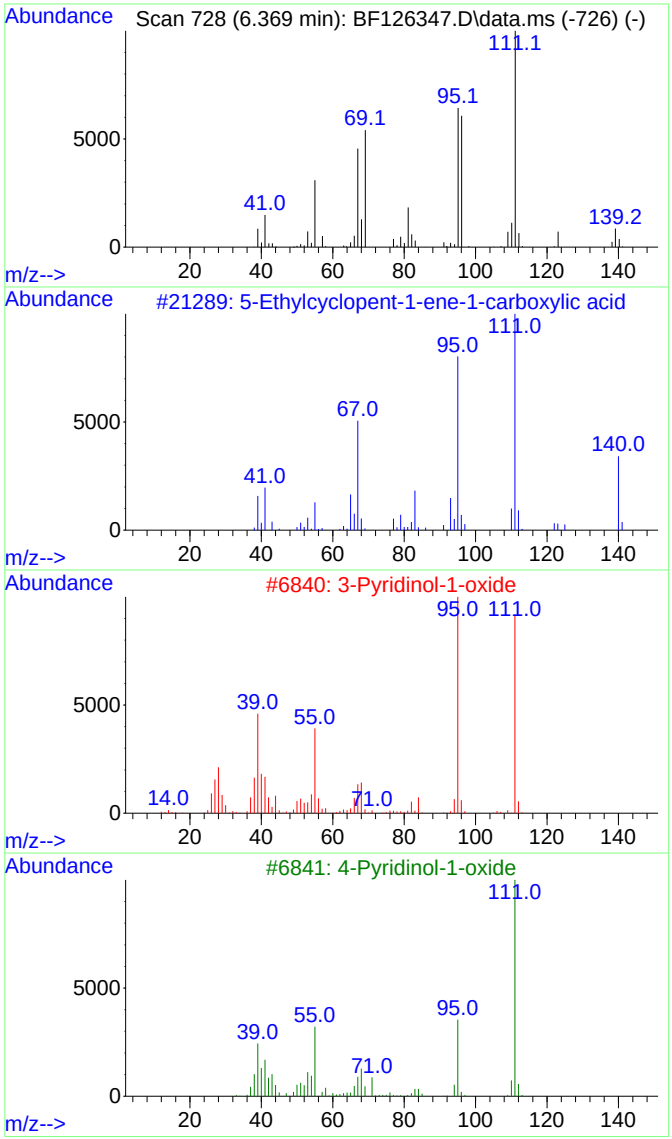
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

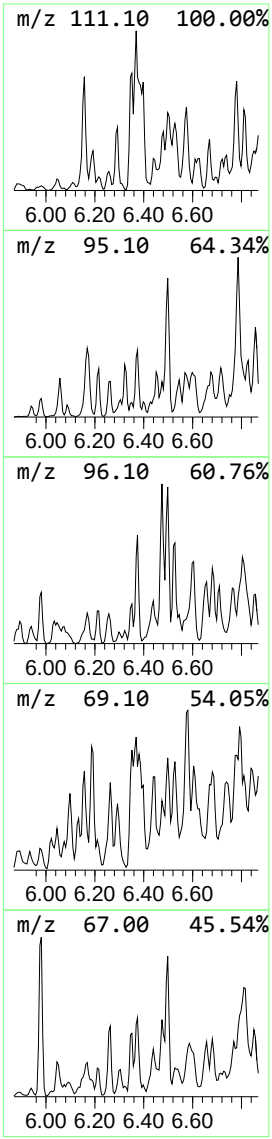
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 unknown6.369 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.369	37.34 ng	1700200	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethylcyclopent-1-ene-1-carboxy...	140	C8H12O2	036258-07-8	45
2	3-Pyridinol-1-oxide	111	C5H5NO2	006602-28-4	43
3	4-Pyridinol-1-oxide	111	C5H5NO2	006890-62-6	38
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	30
5	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	30





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Operator : JU/CG
Sample : M5181-01
Misc :
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Instrument :
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ClientSampleId :
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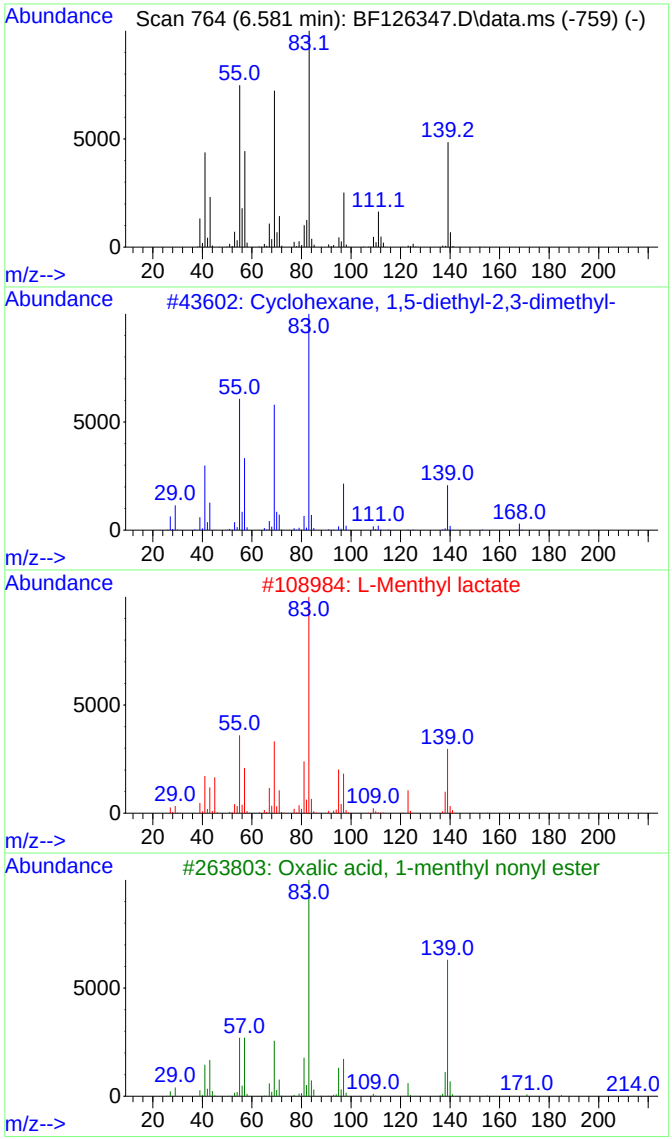
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

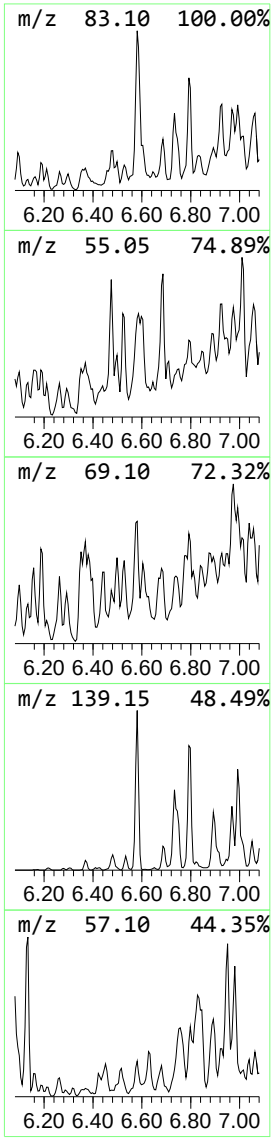
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexane, 1,5-diethyl-2,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.581	51.60 ng	2349180	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,5-diethyl-2,3-dim...	168	C12H24	074663-66-4	78
2	L-Menthyl lactate	228	C13H24O3	185915-25-7	59
3	Oxalic acid, 1-menthyl nonyl ester	354	C21H38O4	1000314-97-7	50
4	Oxalic acid, 1-menthyl octyl ester	340	C20H36O4	1000314-97-6	50
5	2,4,6-Trimethyl-3-heptene	140	C10H20	1000113-56-9	46





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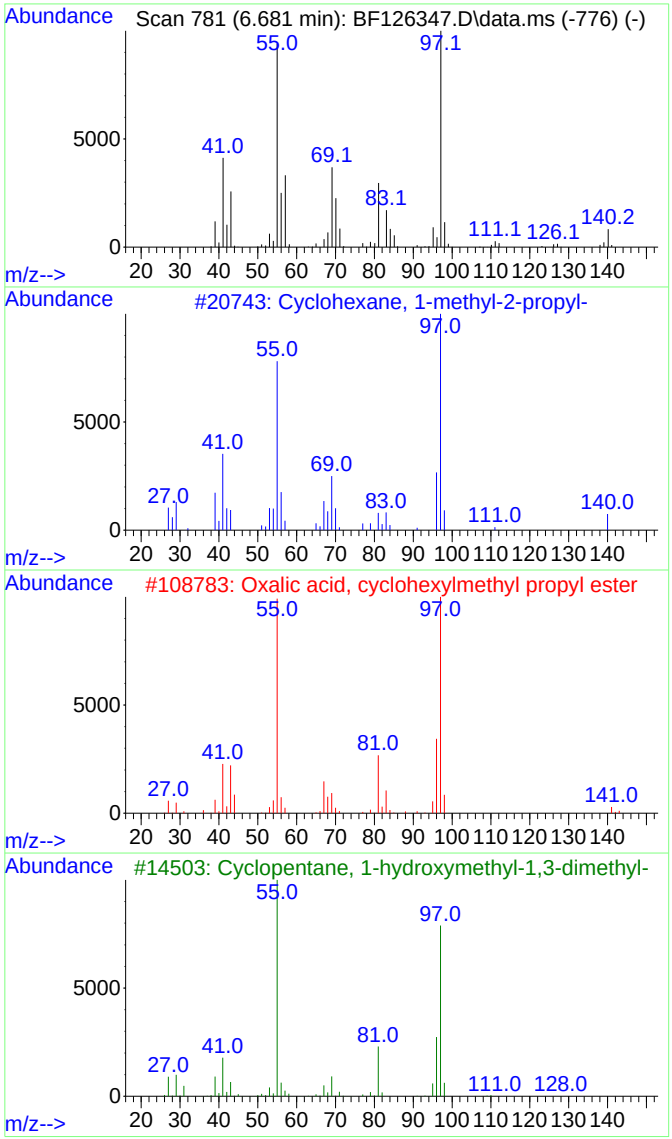
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

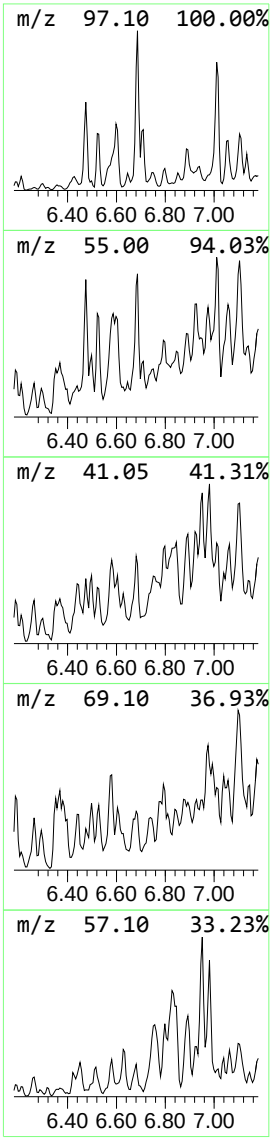
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclohexane, 1-methyl-2-pro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.681	44.74 ng	2036760	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	72
2	Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1010309-68-1	53
3	Cyclopentane, 1-hydroxymethyl-1,...	128	C8H16O	1000156-73-8	53
4	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	52
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	50





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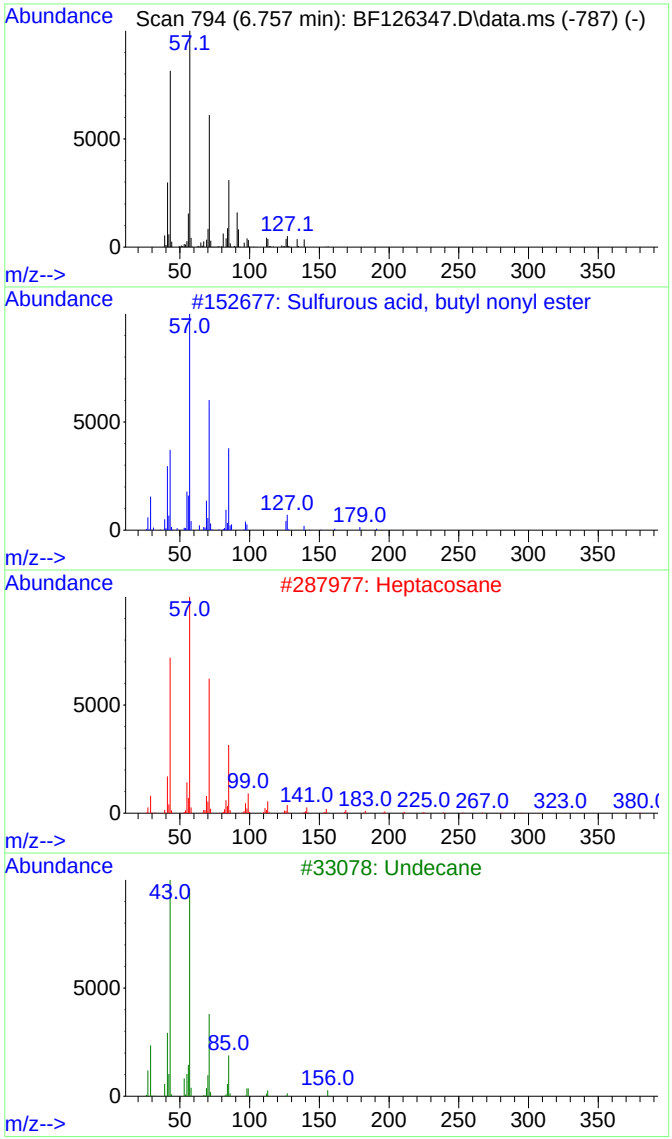
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

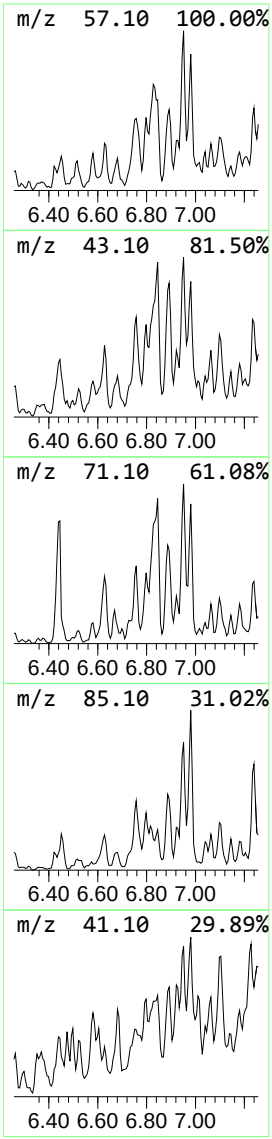
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Sulfurous acid, butyl nonyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.757	40.57 ng	1846910	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	80
2	Heptacosane	380	C27H56	000593-49-7	64
3	Undecane	156	C11H24	001120-21-4	59
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

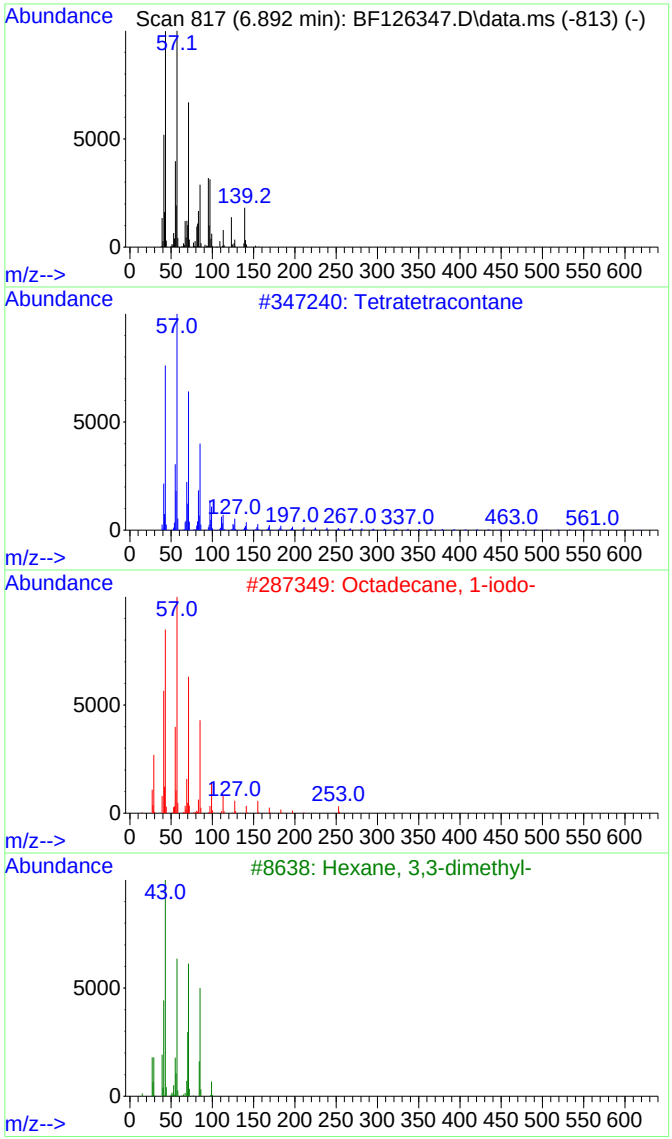
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

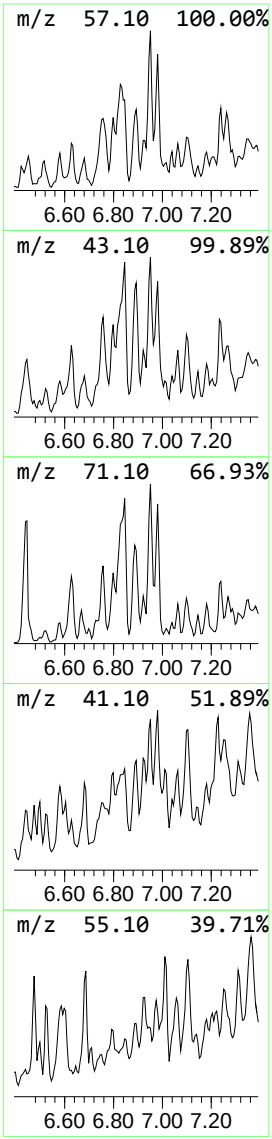
****

Peak Number 10 unknown6.892 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.892	52.15 ng	2374200	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	47
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	47
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	46
4	Heptadecane	240	C17H36	000629-78-7	43
5	Tridecane	184	C13H28	000629-50-5	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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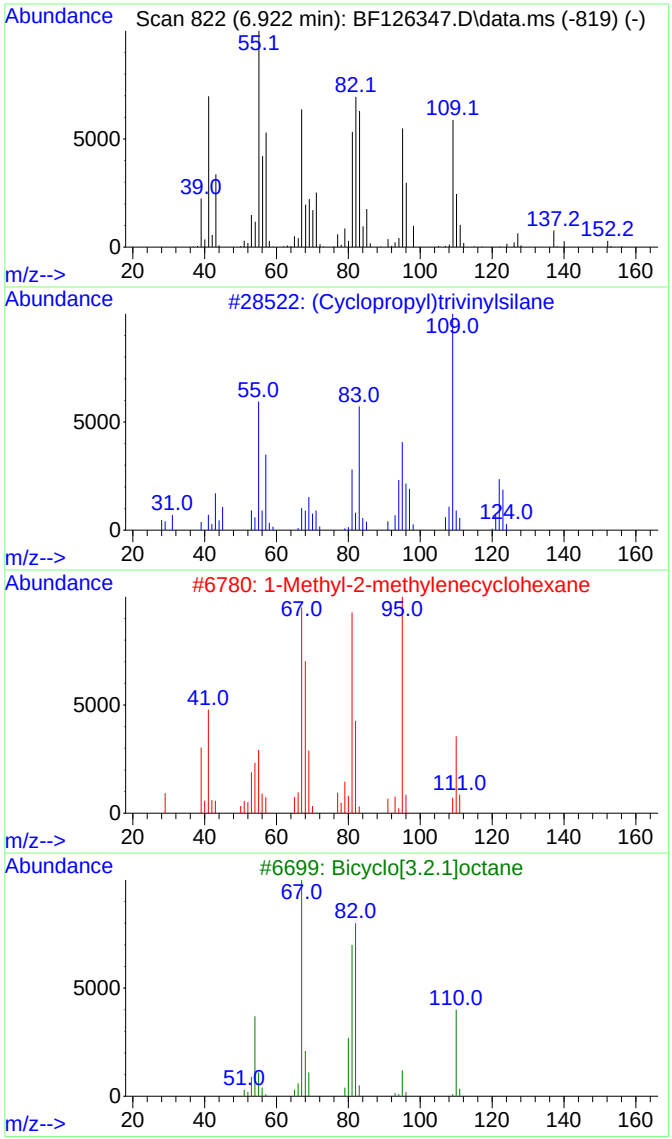
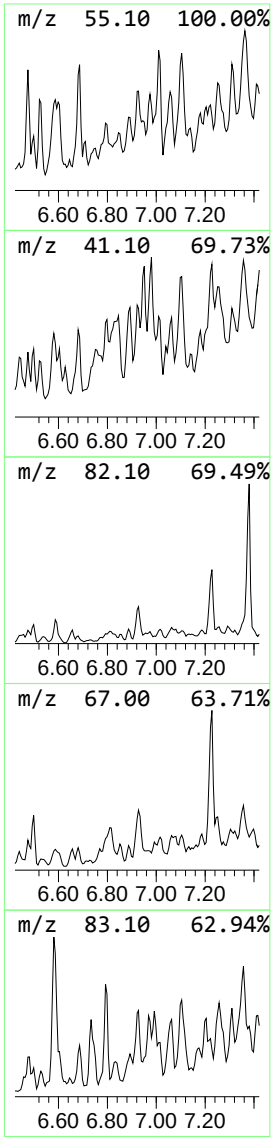
Peak Number 11 unknown6.922 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.922	38.55 ng	1755230	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Cyclopropyl)trivinylsilane	150	C9H14Si	1000109-93-8	38
2	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	38
3	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	27
4	Acetic acid, trifluoro-, cyclohe...	196	C8H11F3O2	001549-45-7	27
5	Cyclohexanemethanol	114	C7H14O	000100-49-2	27





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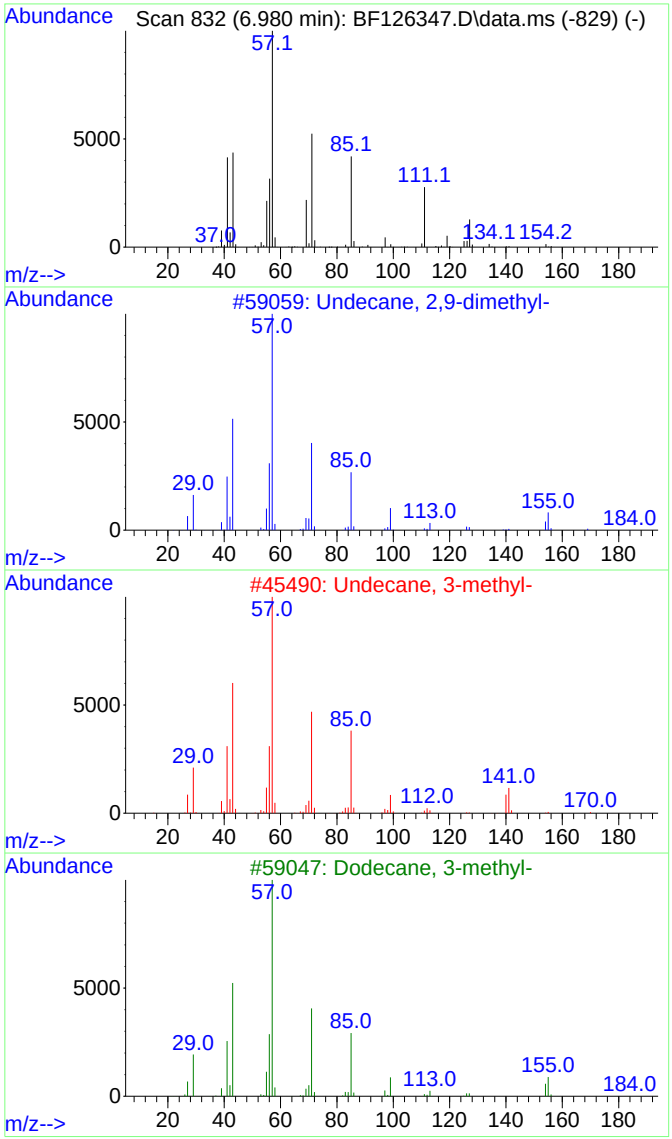
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

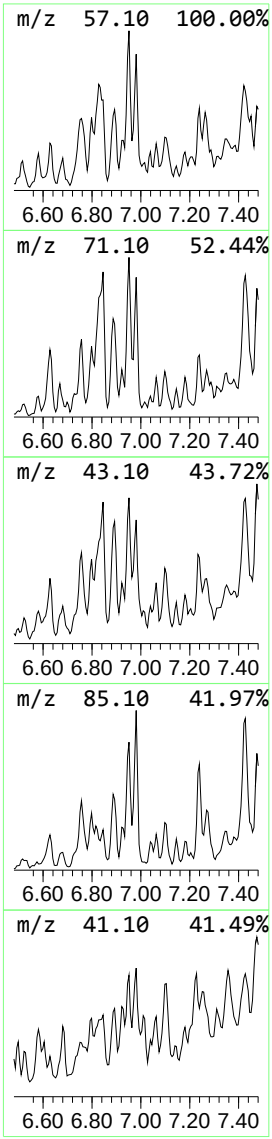
****

Peak Number 12 Undecane, 2,9-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.980	31.70 ng	1443130	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	59
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	59
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
4	Decane, 3-methyl-	156	C11H24	013151-34-3	53
5	Oxalic acid, bis(6-ethyloct-3-yl...	370	C22H42O4	1000309-34-6	50





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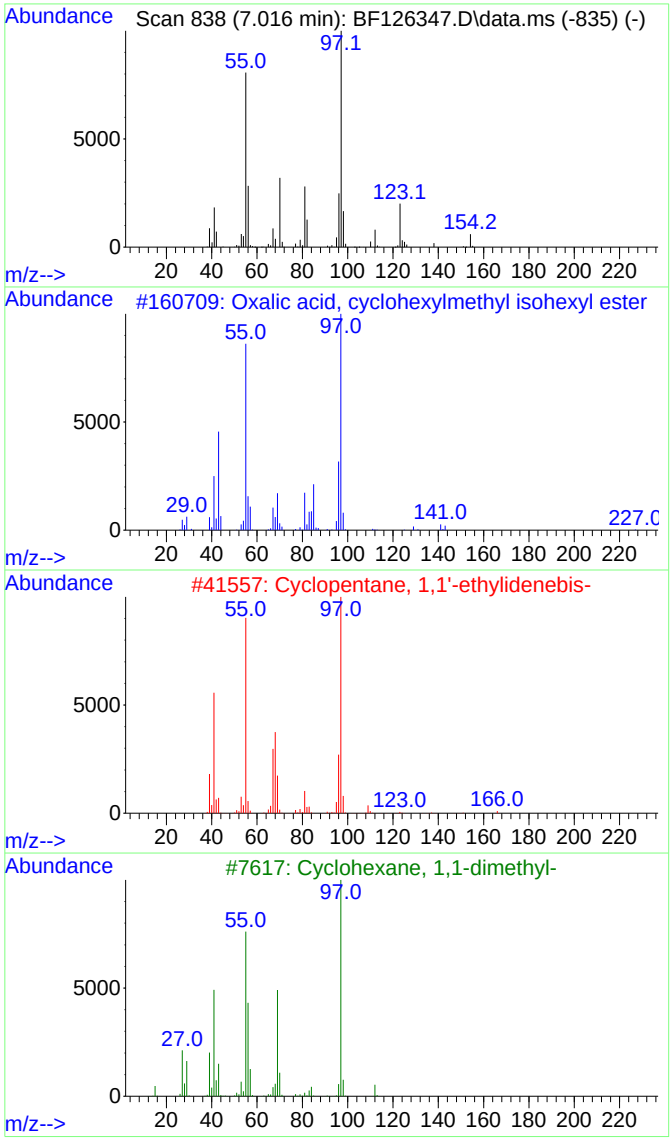
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

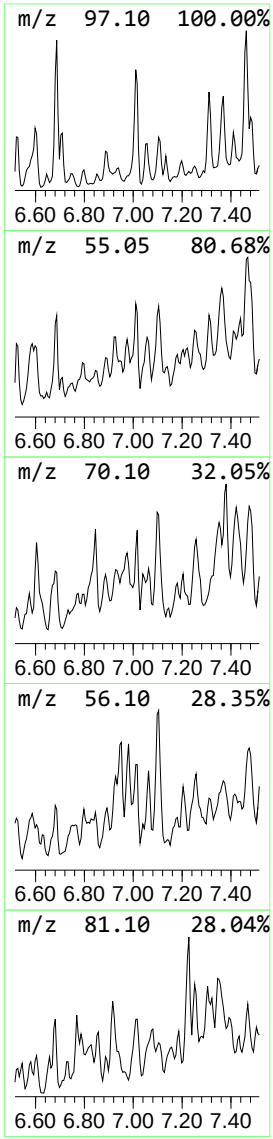
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Oxalic acid, cyclohexylmeth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.016	40.15 ng	1827920	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	50
2	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	50
3	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	47
4	Sulfurous acid, di(cyclohexylmet...	274	C14H26O3S	1010309-22-7	43
5	5-Amino-3-methylpyrazole	97	C4H7N3	031230-17-8	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

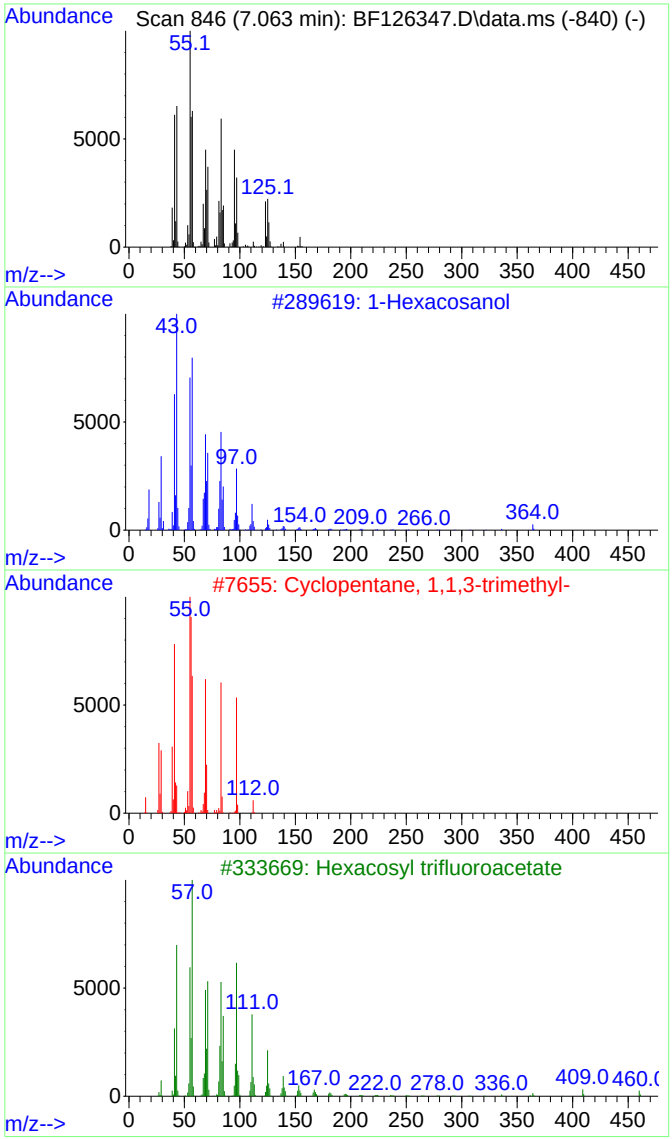
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

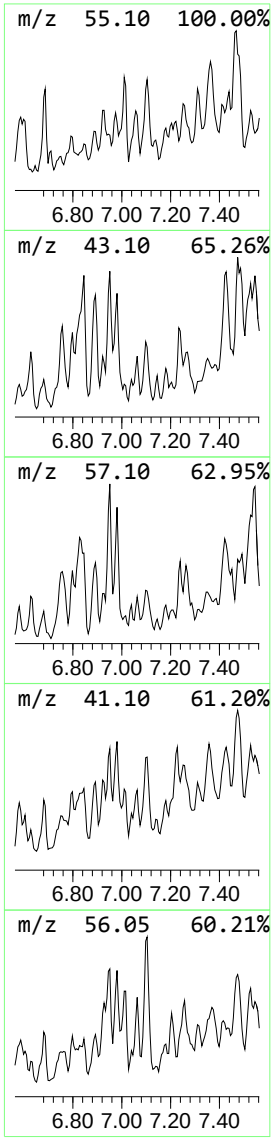
****

Peak Number 14 unknown7.063 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.063	53.02 ng	2413880	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	46
2	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	38
3	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	35
4	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	35
5	6,10,14-Trimethyl-pentadecan-2-ol	270	C18H38O	069729-17-5	27





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

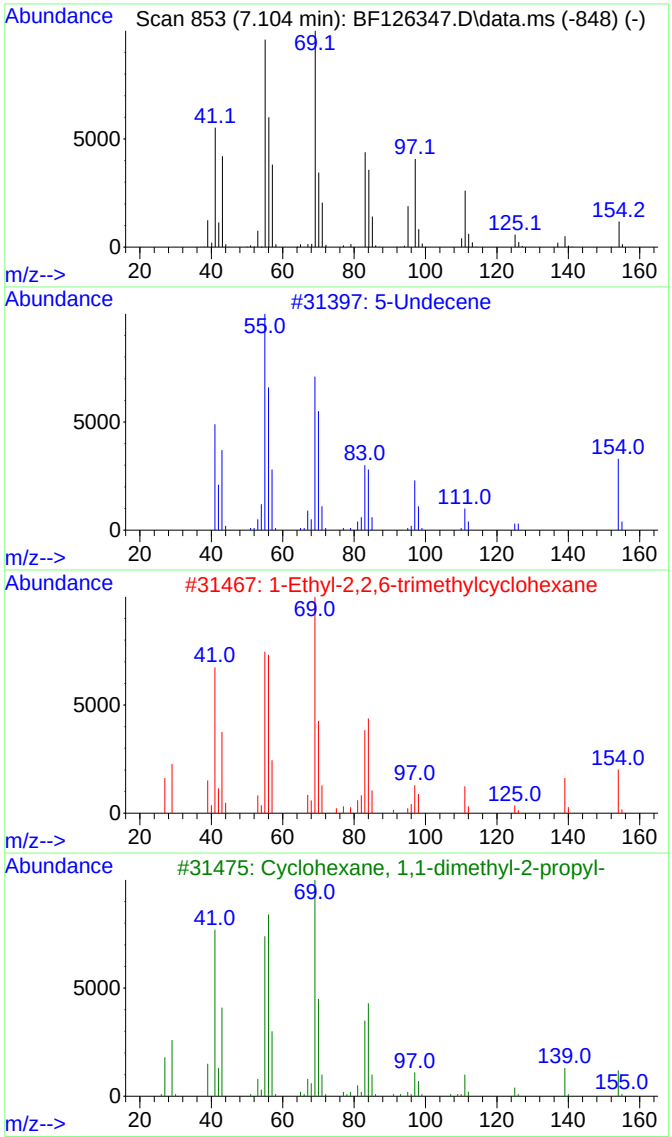
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

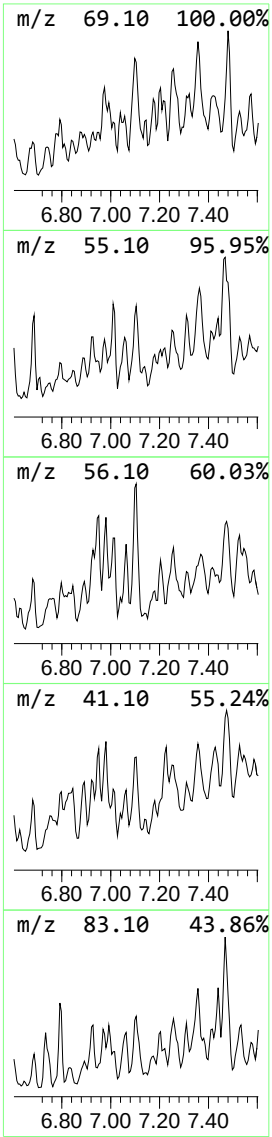
****

Peak Number 15 5-Undecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.104	75.69 ng	3445850	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Undecene	154	C11H22	004941-53-1	87
2	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	68
3	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	64
4	4-Decene, 4-methyl-, (E)-	154	C11H22	060366-66-7	52
5	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	49





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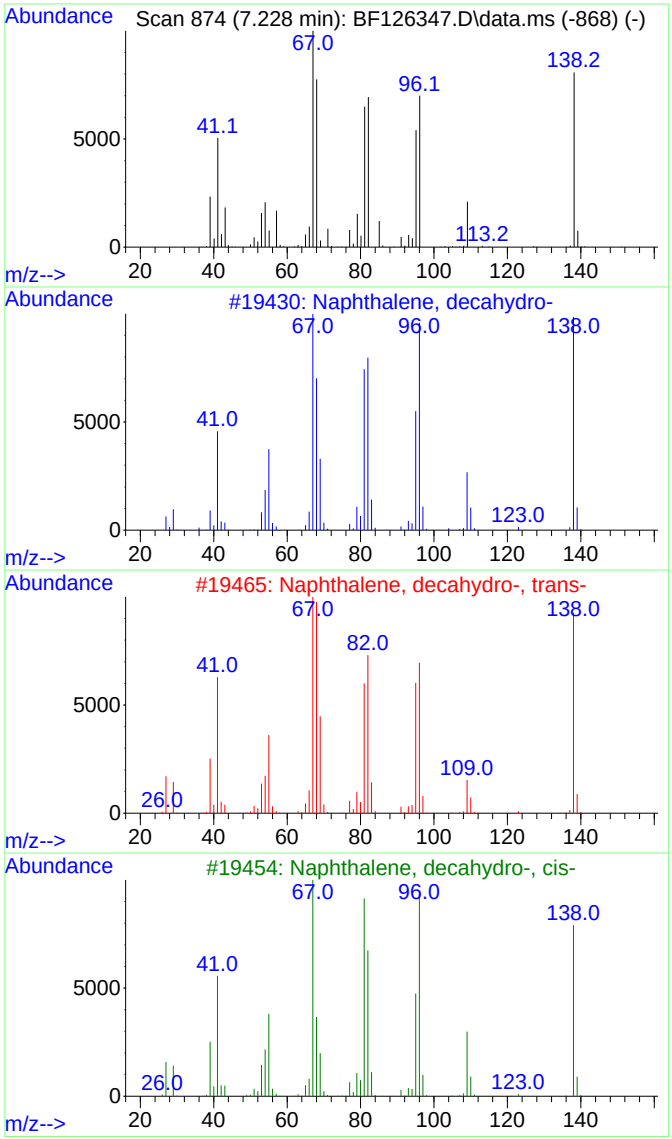
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

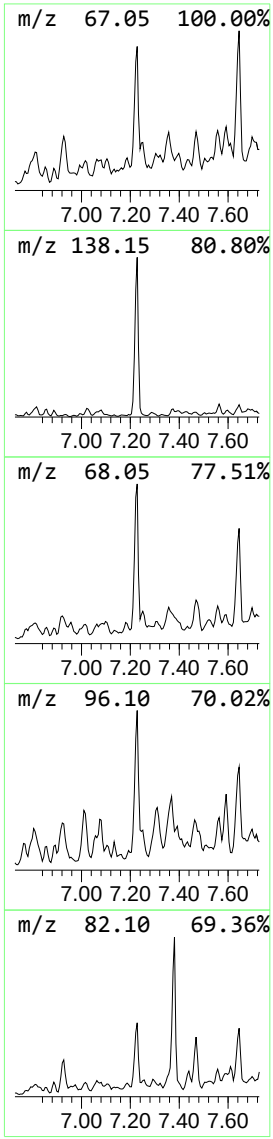
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, decahydro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.228	78.29 ng	3564440	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	94
4	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	81
5	Spiro[4.5]decane	138	C10H18	000176-63-6	70





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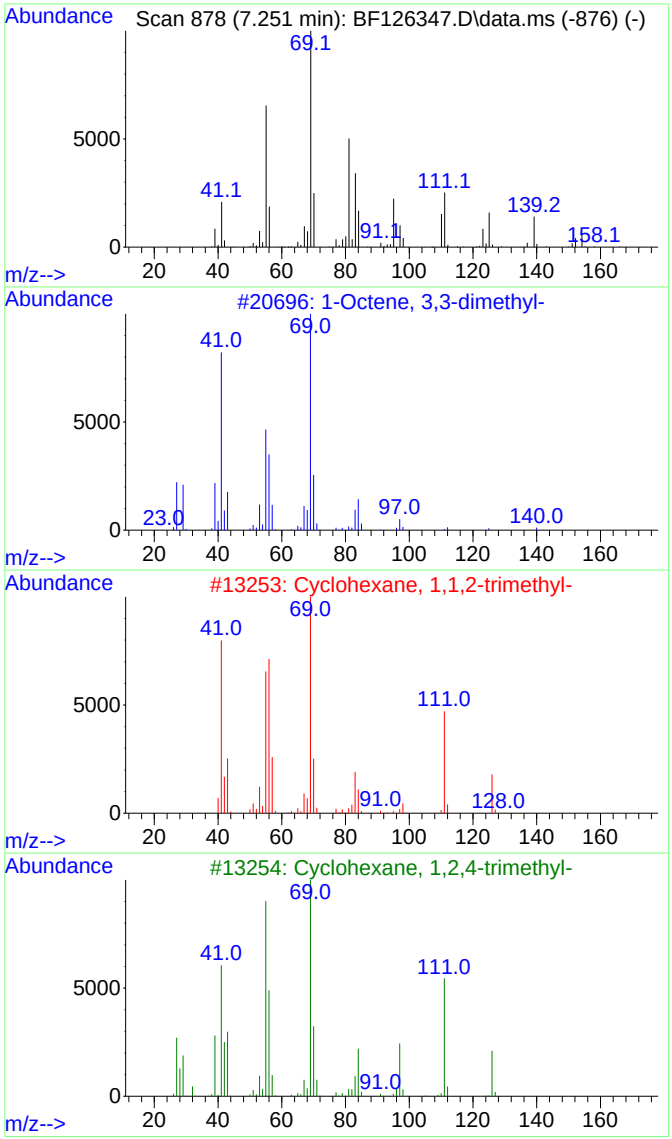
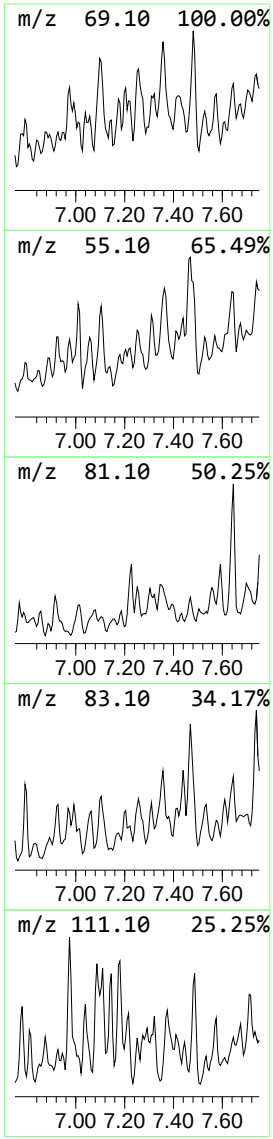
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1-Octene, 3,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.251	49.62 ng	2259340	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	53
2	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	50
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	50
4	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	43
5	2-Propenoic acid, 2-methyl-, 2-p...	126	C7H10O2	000096-05-9	43





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Data File : BF126347.D
Acq On : 23 Dec 2021 16:40
Operator : JU/CG
Sample : M5181-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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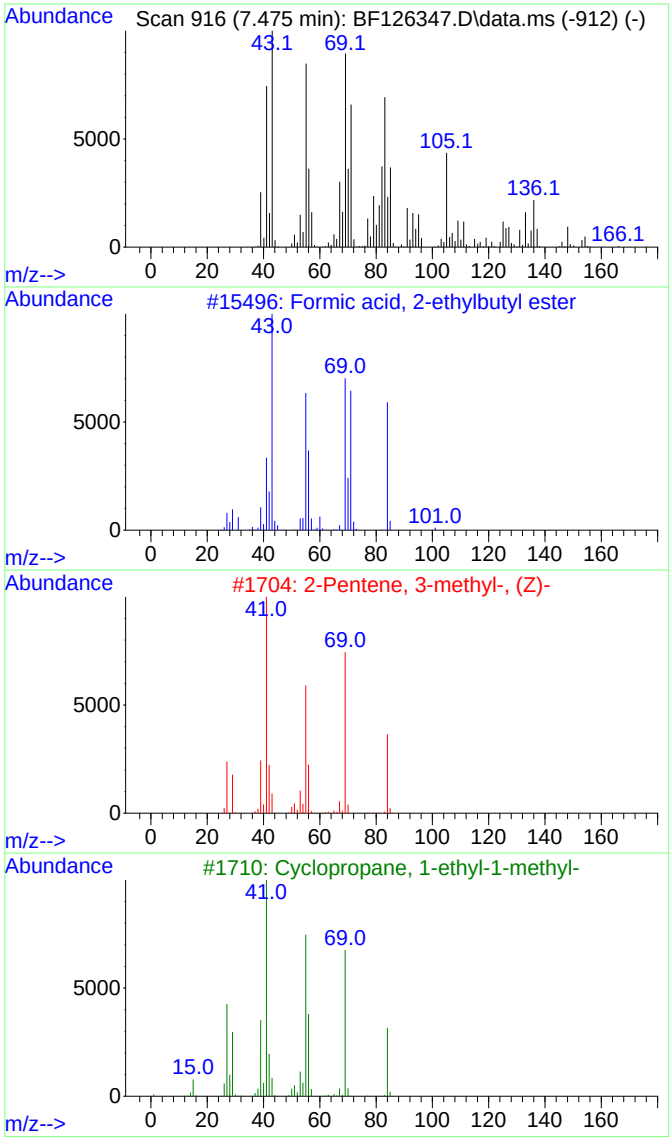
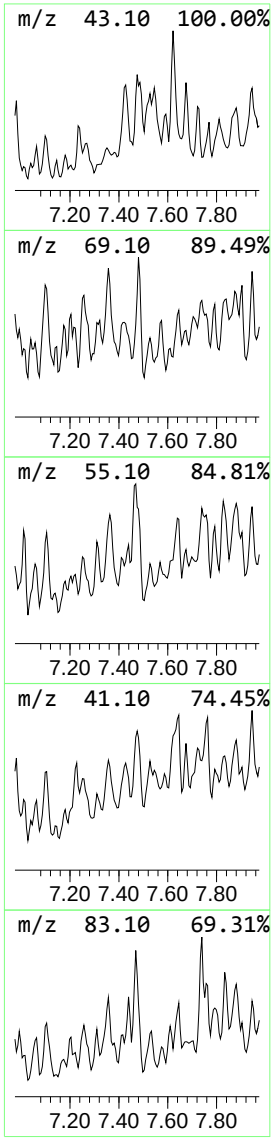
Peak Number 18 unknown7.475 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.475	37.37 ng	4963150	Naphthalene-d8	8.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formic acid, 2-ethylbutyl ester	130	C7H14O2	1000367-92-2	46
2	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	42
3	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	42
4	Cyclopentanol, 1,2-dimethyl-3-(1...	154	C10H18O	004028-60-8	38
5	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
Data File : BF126347.D
Acq On : 23 Dec 2021 16:40
Operator : JU/CG
Sample : M5181-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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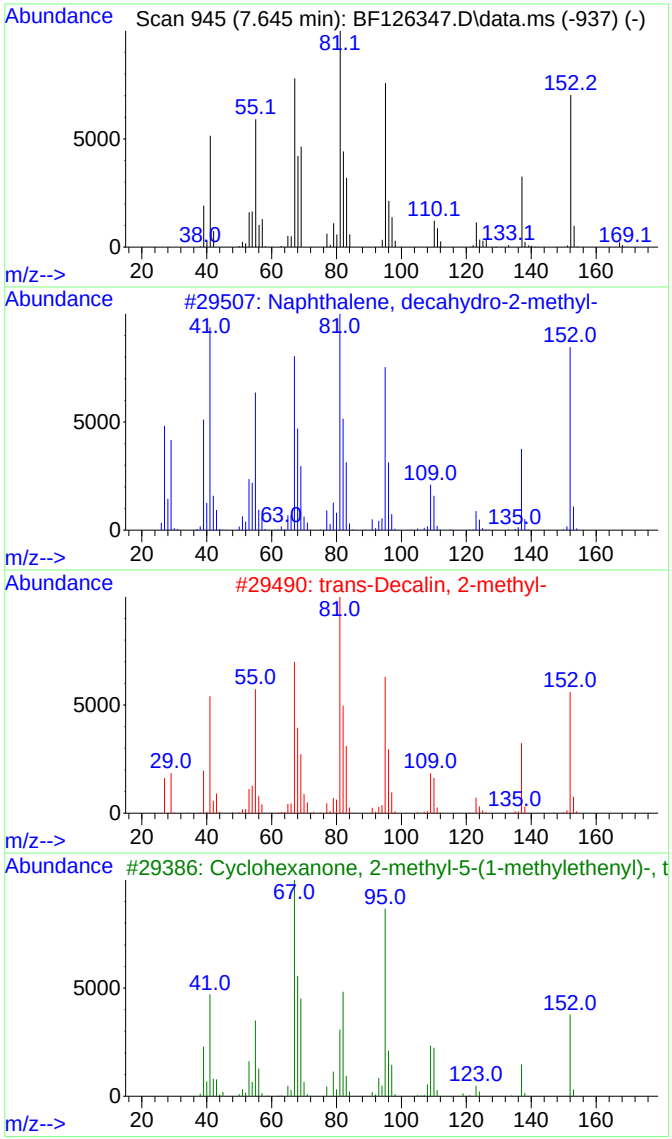
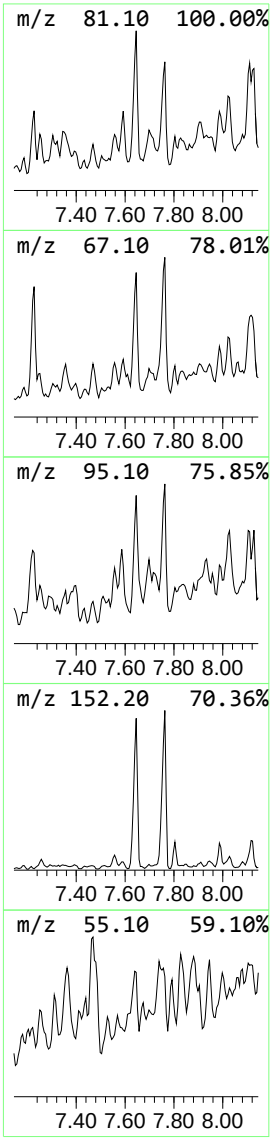
Peak Number 19 Naphthalene, decahydro-2-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.645	45.38 ng	6026740	Naphthalene-d8	8.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	94
3	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	76
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	70
5	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
Data File : BF126347.D
Acq On : 23 Dec 2021 16:40
Operator : JU/CG
Sample : M5181-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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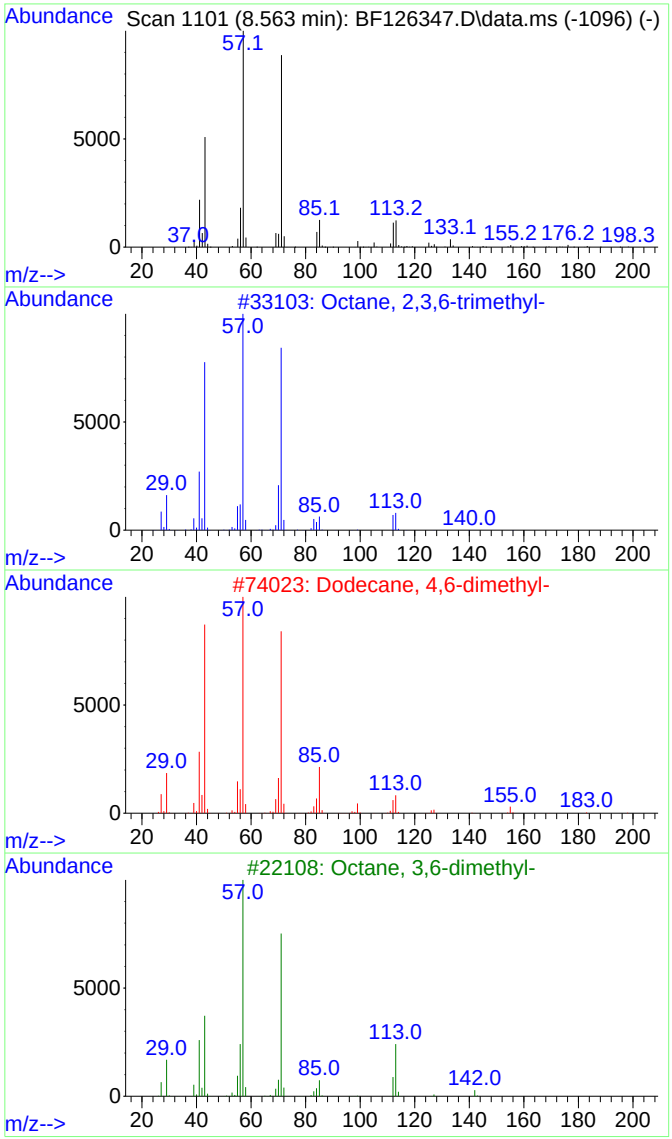
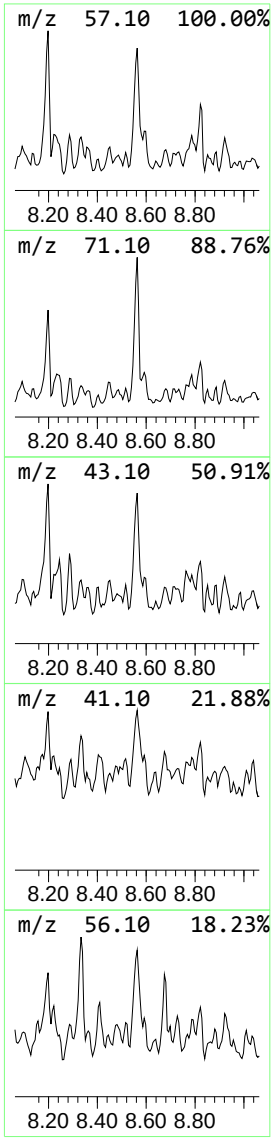
Peak Number 20 Octane, 2,3,6-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.563	77.39 ng	10278600	Naphthalene-d8	8.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	83
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	80
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
4	Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	72
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
Data File : BF126347.D
Acq On : 23 Dec 2021 16:40
Operator : JU/CG
Sample : M5181-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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,...	5.833	43.6	ng	1985490	1	6.816	910565	20.0
7-Methylbicyclo...	5.975	34.1	ng	1551490	1	6.816	910565	20.0
1-Decanol, 2-he...	6.028	32.5	ng	1481440	1	6.816	910565	20.0
Octane, 3,6-dim...	6.075	47.0	ng	2139040	1	6.816	910565	20.0
Heptane, 3-ethy...	6.133	36.7	ng	1670240	1	6.816	910565	20.0
unknown6.369	6.369	37.3	ng	1700200	1	6.816	910565	20.0
Cyclohexane, 1,...	6.581	51.6	ng	2349180	1	6.816	910565	20.0
Cyclohexane, 1-...	6.681	44.7	ng	2036760	1	6.816	910565	20.0
Sulfurous acid,...	6.757	40.6	ng	1846910	1	6.816	910565	20.0
unknown6.892	6.892	52.1	ng	2374200	1	6.816	910565	20.0
unknown6.922	6.922	38.5	ng	1755230	1	6.816	910565	20.0
Undecane, 2,9-d...	6.980	31.7	ng	1443130	1	6.816	910565	20.0
Oxalic acid, cy...	7.016	40.1	ng	1827920	1	6.816	910565	20.0
unknown7.063	7.063	53.0	ng	2413880	1	6.816	910565	20.0
5-Undecene	7.104	75.7	ng	3445850	1	6.816	910565	20.0
Naphthalene, de...	7.228	78.3	ng	3564440	1	6.816	910565	20.0
1-Octene, 3,3-d...	7.251	49.6	ng	2259340	1	6.816	910565	20.0
unknown7.475	7.475	37.4	ng	4963150	2	8.110	2656350	20.0
Naphthalene, de...	7.645	45.4	ng	6026740	2	8.110	2656350	20.0
Octane, 2,3,6-t...	8.563	77.4	ng	10278600	2	8.110	2656350	20.0