LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140508.D
Acq On : 20 Nov 2024 19:09
Operator : RC/JU
Sample : P4768-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-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-BF111324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140508.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	8	21	rVB	1233786	1959059	98.14%	9.026%
2	2.251	21	27	36	rVB	36756	58828	2.95%	0.271%
3	4.545	409	417	426	rVB3	27256	48246	2.42%	0.222%
4	5.092	504	510	515	rBV	151921	218061	10.92%	1.005%
5	5.298	537	545	548	rBV	43999	68669	3.44%	0.316%
6	5.504	574	580	588	rBV	1385173	1844113	92.38%	8.496%
7	5.651	600	605	610	rVB4	48632	91999	4.61%	0.424%
8	5.739	615	620	626	rBV5	22603	49098	2.46%	0.226%
9	5.804	626	631	635	rVB	69380	90704	4.54%	0.418%
10	5.886	640	645	651	rVB4	94565	150425	7.54%	0.693%
11	6.081	673	678	683	rBV6	40116	99533	4.99%	0.459%
12	6.145	685	689	692	rVV3	42449	63622	3.19%	0.293%
13	6.310	712	717	720	rBV4	54051	91263	4.57%	0.420%
14	6.351	720	724	729	rVB5	45518	67713	3.39%	0.312%
15	6.410	729	734	742	rBV2	289522	457443	22.92%	2.108%
16	6.510	744	751	755	rBV	1407613	1996196	100.00%	9.197%
17	6.545	755	757	760	rVV2	110689	127507	6.39%	0.587%
18	6.575	760	762	766	rVV2	55921	60725	3.04%	0.280%
19	6.622	766	770	772	rVV2	72488	93630	4.69%	0.431%
20	6.651	772	775	781	rVB4	107508	159356	7.98%	0.734%
21	6.710	781	785	786	rBV3	43573	51502	2.58%	0.237%
22	6.786	792	798	801	rBV4	55999	114227	5.72%	0.526%
23	6.833	801	806	809	rVV4	117032	195205	9.78%	0.899%
24	6.875	809	813	820	rVV	500035	692320	34.68%	3.190%
25	6.963	824	828	833	rVV4	90713	160383	8.03%	0.739%
26	7.010	833	836	839	rVB3	49892	61318	3.07%	0.283%
27	7.098	848	851	854	rVV3	51266	54807	2.75%	0.253%
28	7.139	854	858	862	rVB2	201643	265141	13.28%	1.222%
29	7.292	881	884	890	rVB3	113201	170353	8.53%	0.785%
30	7.345	890	893	896	rBV2	53547	69879	3.50%	0.322%
31	7.392	896	901	904	rBV3	180025	308841	15.47%	1.423%
32	7.433	904	908	913	rVV	895640	1201869	60.21%	5.537%
33	7.510	917	921	925	rBV3	177106	245632	12.31%	1.132%
34	7.563	925	930	933	rBV3	78392	140077	7.02%	0.645%
35	7.645	941	944	946	rBV2	89889	107202	5.37%	0.494%
36	7.675	946	949	955	rVB2	200966	259222	12.99%	1.194%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140508.D
Acq On : 20 Nov 2024 19:09
Operator : RC/JU
Sample : P4768-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-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-BF111324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.745	958	961	965	rVB2	93726	117146	5.87%	0.540%
38	7.792	965	969	972	rBV2	224628	261532	13.10%	1.205%
39	7.969	996	999	1004	rBV4	67754	96551	4.84%	0.445%
40	8.022	1005	1008	1011	rBV3	123522	172768	8.65%	0.796%
41	8.151	1026	1030	1036	rVV	551402	721215	36.13%	3.323%
42	8.204	1036	1039	1042	rVV	195671	220830	11.06%	1.017%
43	8.239	1042	1045	1052	rVB5	126515	199349	9.99%	0.918%
44	8.357	1061	1065	1072	rVB3	217284	363241	18.20%	1.674%
45	8.439	1073	1079	1085	rBV6	165121	400079	20.04%	1.843%
46	8.492	1085	1088	1091	rBV3	86763	105690	5.29%	0.487%
47	8.563	1098	1100	1102	rBV2	51903	59800	3.00%	0.276%
48	8.592	1102	1105	1112	rVB3	188845	355673	17.82%	1.639%
49	8.657	1113	1116	1118	rBV	75768	81161	4.07%	0.374%
50	8.692	1118	1122	1127	rBV2	149496	241629	12.10%	1.113%
51	8.833	1143	1146	1150	rVB2	199683	270717	13.56%	1.247%
52	9.022	1175	1178	1182	rBV4	84614	120151	6.02%	0.554%
53	9.227	1208	1213	1218	rBV	1483725	1924382	96.40%	8.866%
54	9.304	1223	1226	1230	rVB2	91271	124873	6.26%	0.575%
55	9.616	1276	1279	1283	rVB4	44208	59326	2.97%	0.273%
56	9.904	1324	1328	1333	rVB	484631	630925	31.61%	2.907%
57	10.310	1394	1397	1402	rBV2	55187	67624	3.39%	0.312%
58	10.616	1445	1449	1456	rBV	276527	383034	19.19%	1.765%
59	10.698	1458	1463	1473	rBV	717133	1018408	51.02%	4.692%
60	11.398	1578	1582	1587	rBV	511348	728158	36.48%	3.355%
61	12.992	1850	1853	1859	rBV	905248	1086059	54.41%	5.004%

Sum of corrected areas: 21704489

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140508.D
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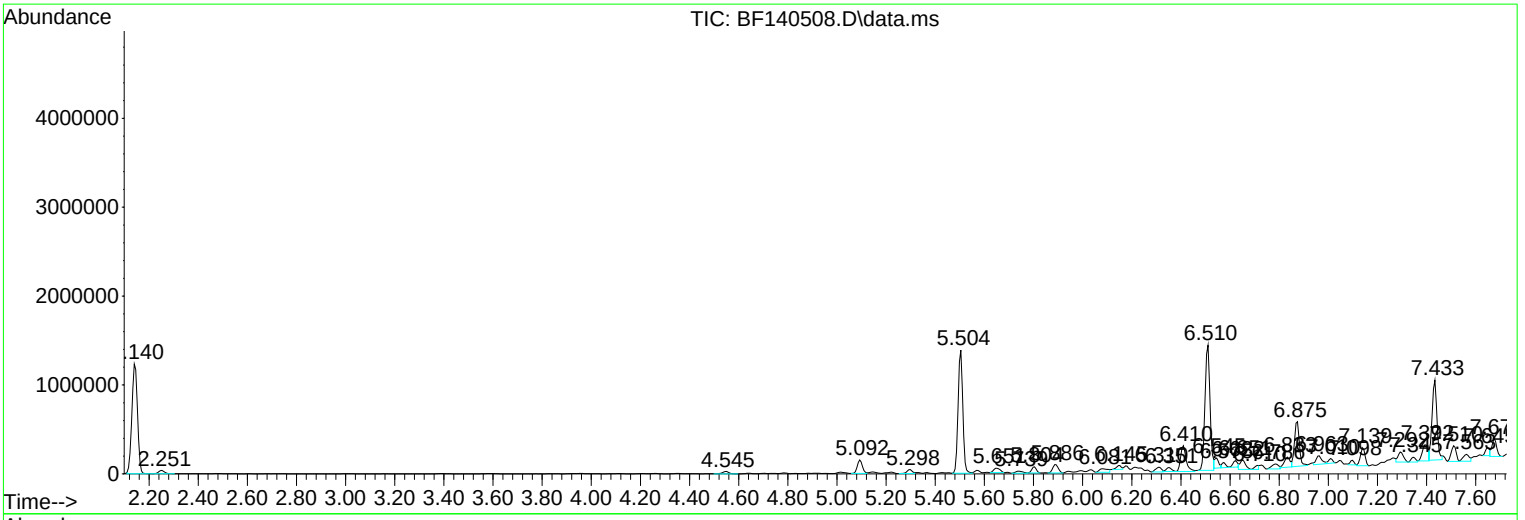
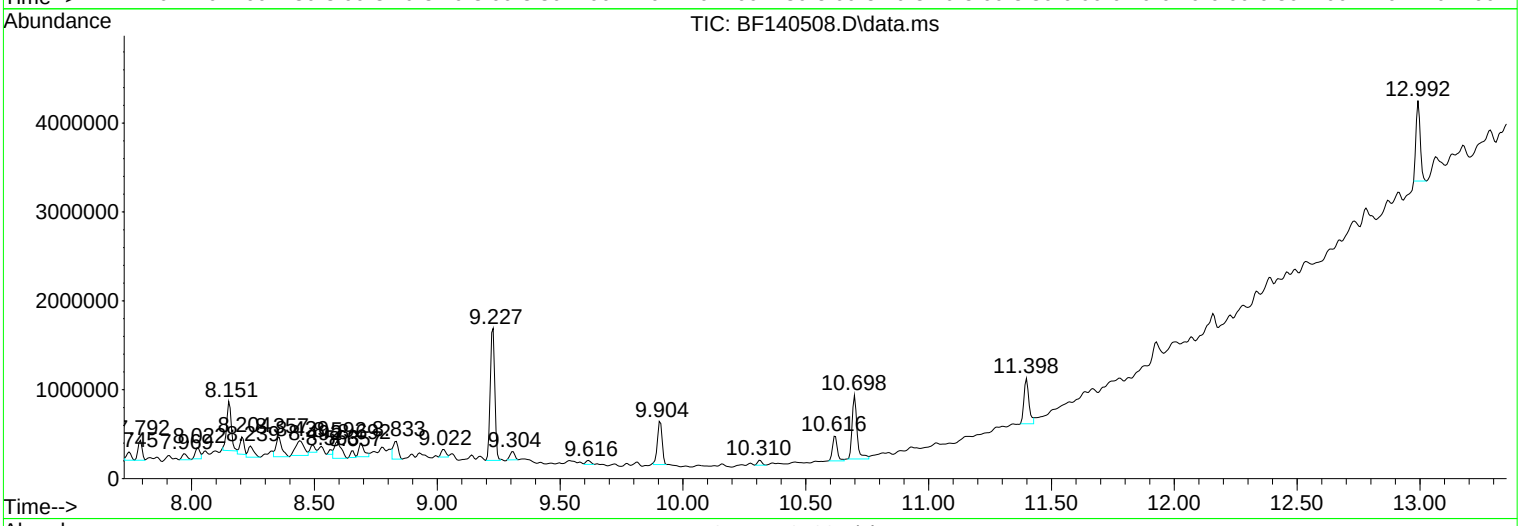
Operator : RC/JU
Sample : P4768-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

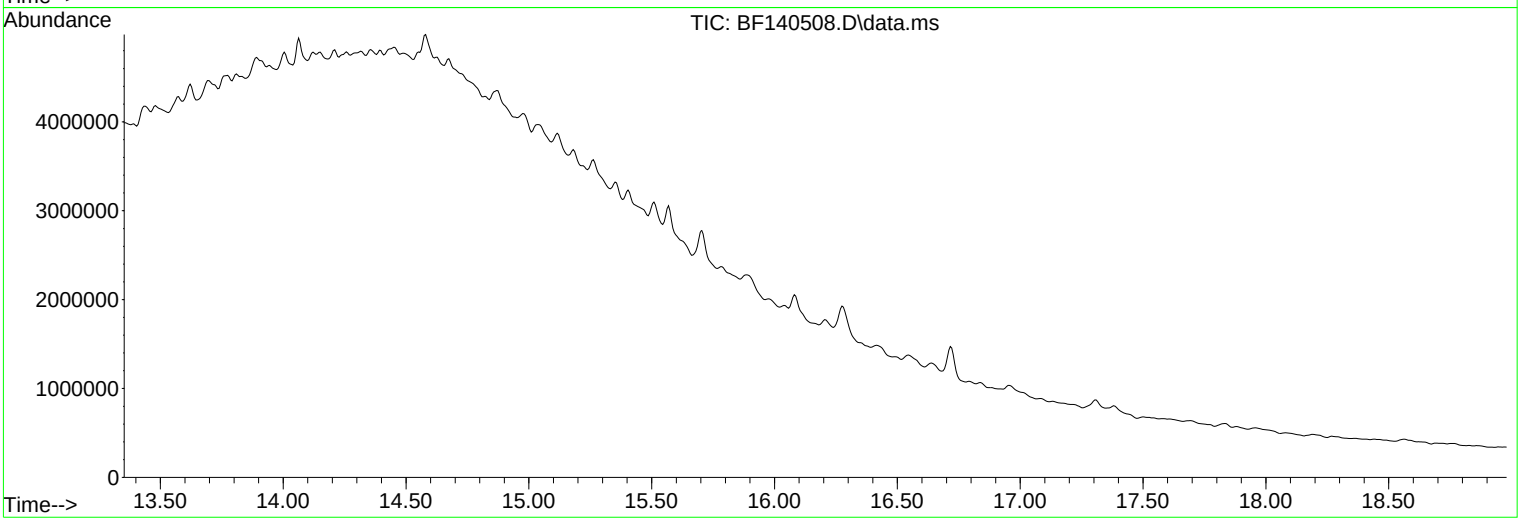
Instrument :
BNA_F
ClientSampleId :
B-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.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\BF112024\
Data File : BF140508.D
Acq On : 20 Nov 2024 19:09
Operator : RC/JU
Sample : P4768-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5

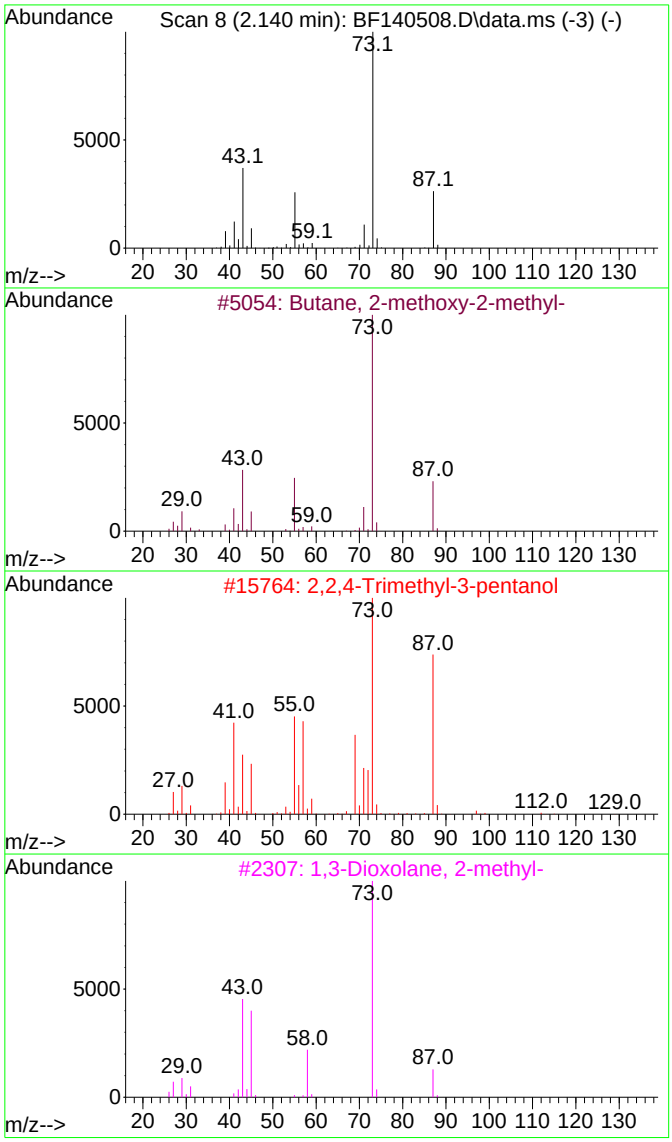
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

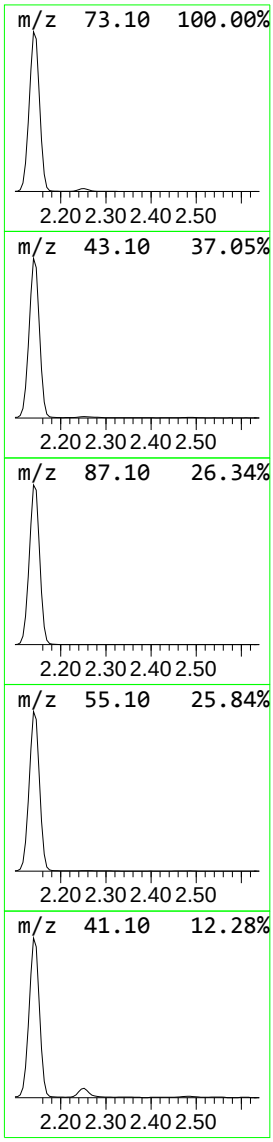
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	56.59 ng	1959060	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140508.D
Acq On : 20 Nov 2024 19:09
Operator : RC/JU
Sample : P4768-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5

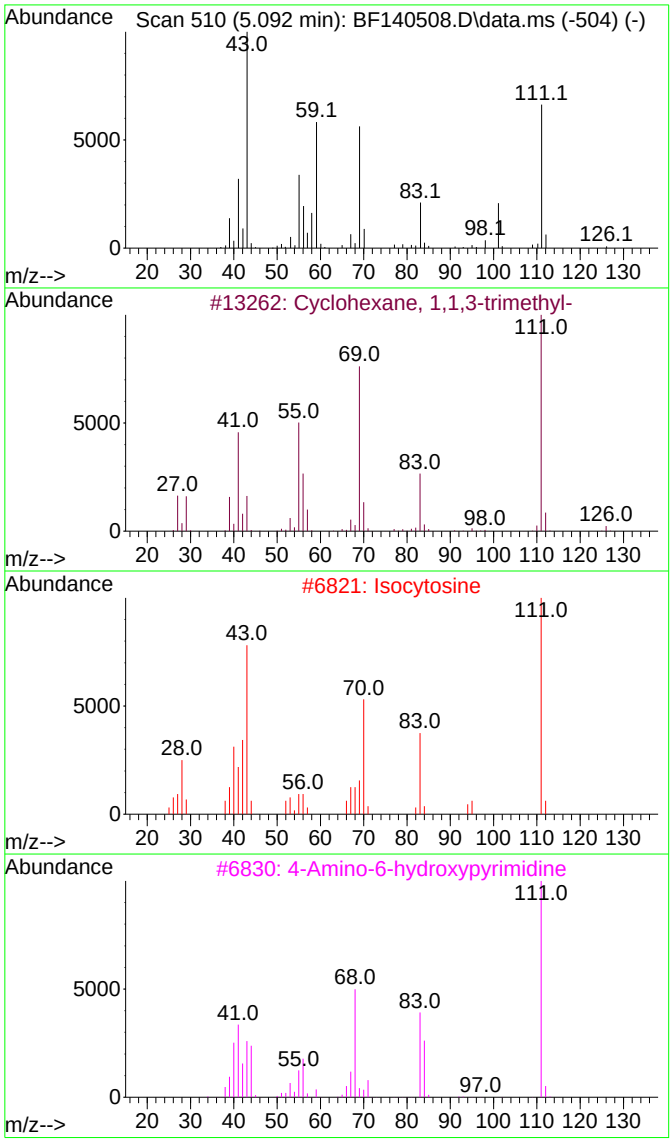
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

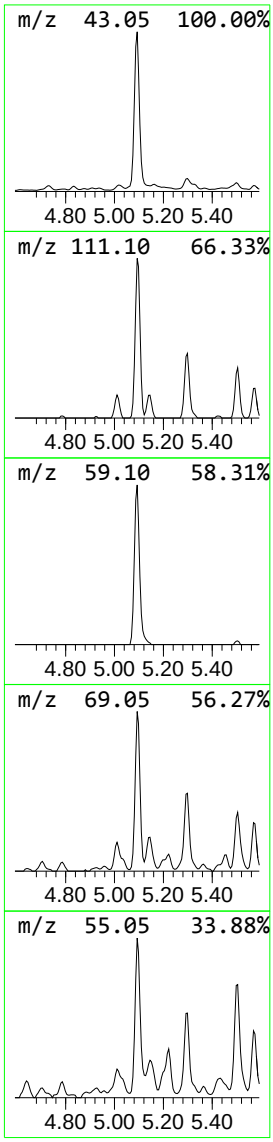
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.092	6.30 ng	218061	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	50
2	Isocytosine	111	C4H5N3O	000108-53-2	35
3	4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	27
4	2-Pentanone, 5-(2-propynyloxy)-	140	C8H12O2	055702-70-0	27
5	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140508.D
Acq On : 20 Nov 2024 19:09
Operator : RC/JU
Sample : P4768-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5

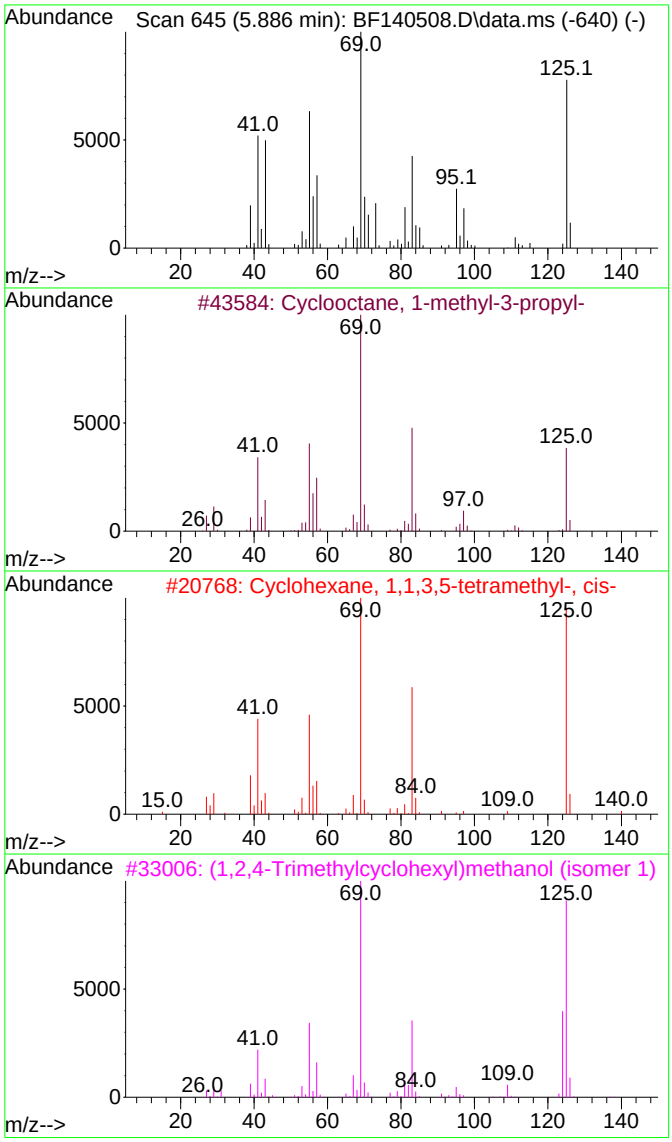
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

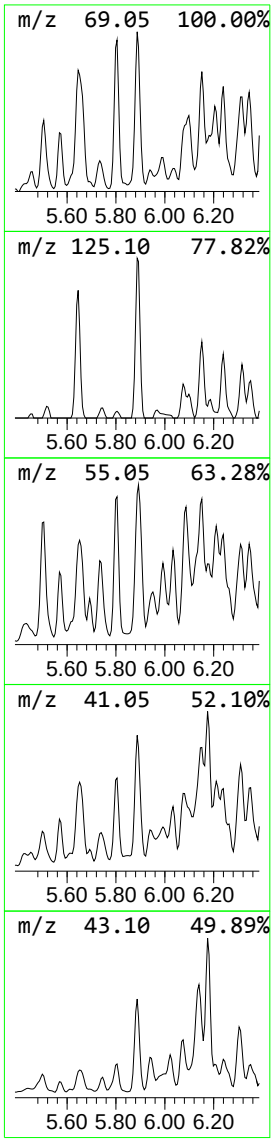
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclooctane, 1-methyl-3-pro... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.886	4.35 ng	150425	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	64
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	53
3	(1,2,4-Trimethylcyclohexyl)metha...	156	C10H20O	1000499-03-8	45
4	Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	43
5	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140508.D
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Sample : P4768-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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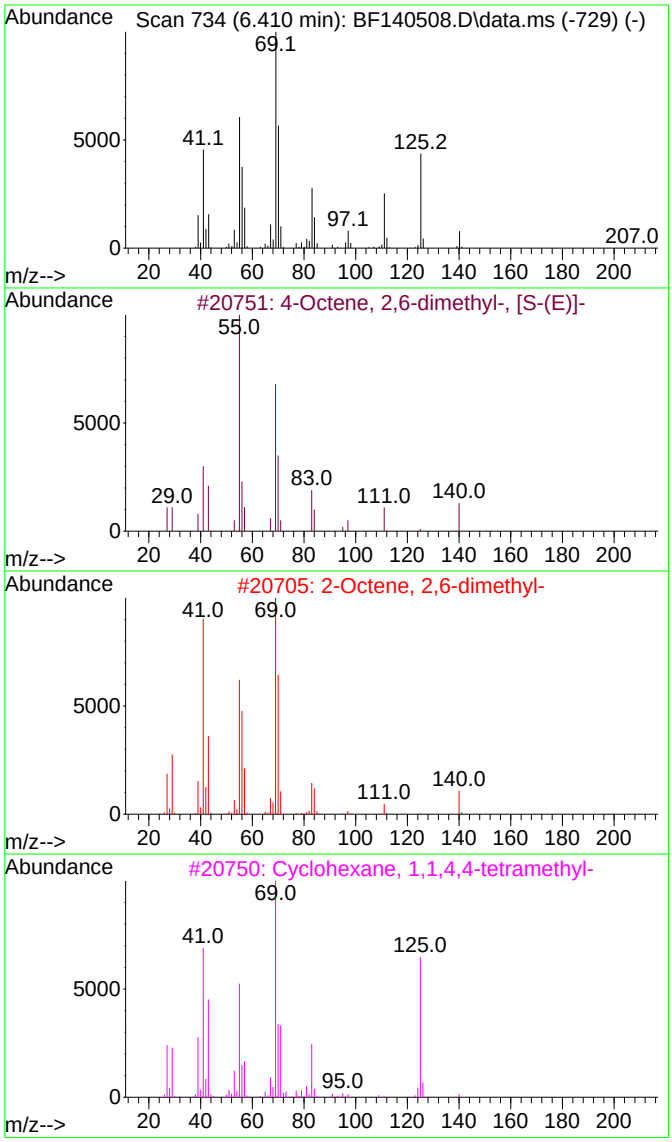
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

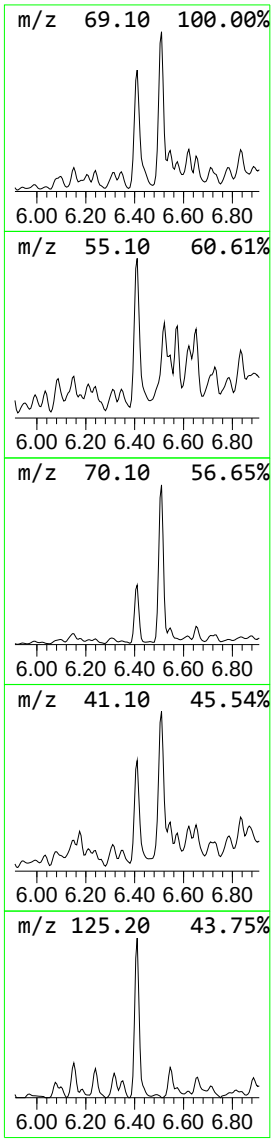
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4-Octene, 2,6-dimethyl-, [S... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.410	13.21 ng	457443	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	58
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
3	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	53
4	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	45
5	3-Ethyl-4-octene	140	C10H20	019781-32-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140508.D
Acq On : 20 Nov 2024 19:09
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Sample : P4768-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

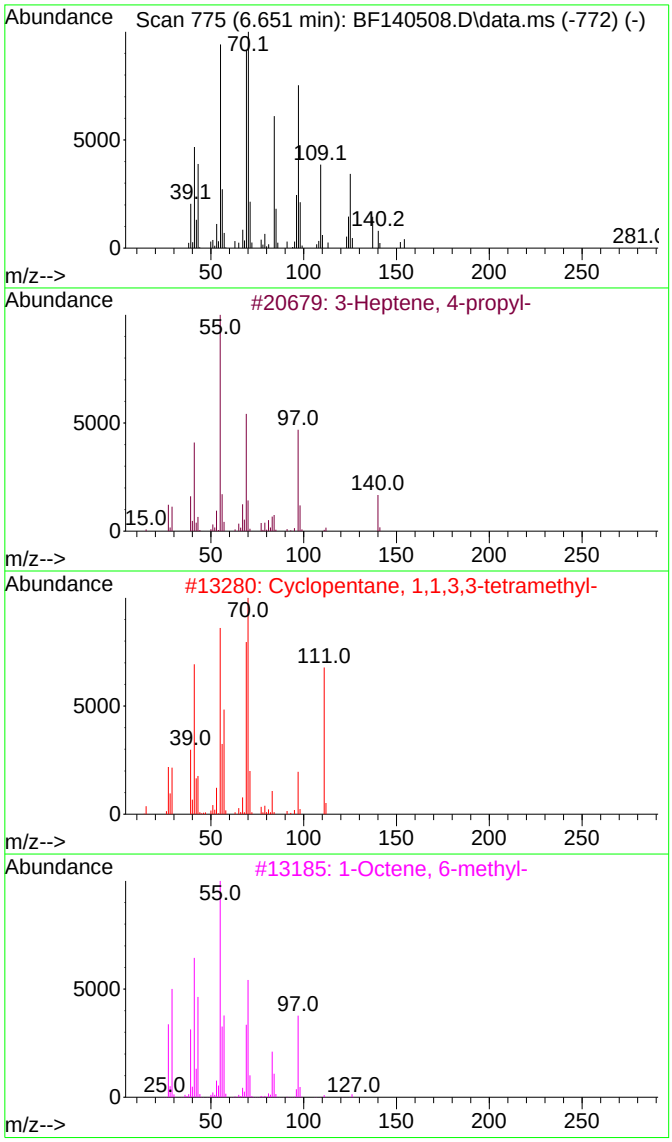
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

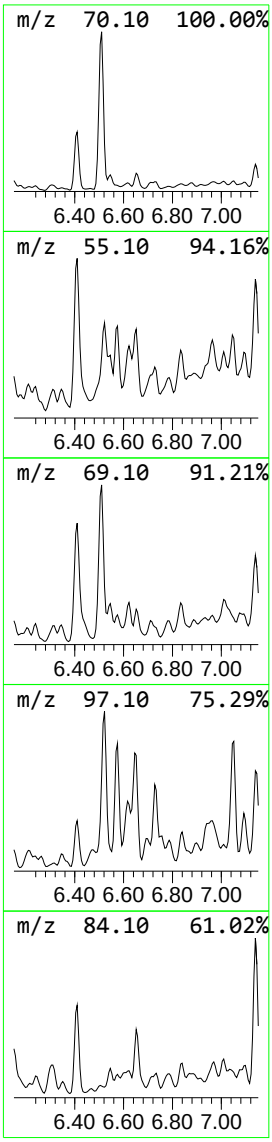
****

Peak Number 5 unknown6.651 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.651	4.60 ng	159356	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 4-propyl-	140	C10H20	004485-13-6	38
2	Cyclopentane, 1,1,3,3-tetramethyl-	126	C9H18	050876-33-0	27
3	1-Octene, 6-methyl-	126	C9H18	013151-10-5	25
4	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	25
5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	22





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

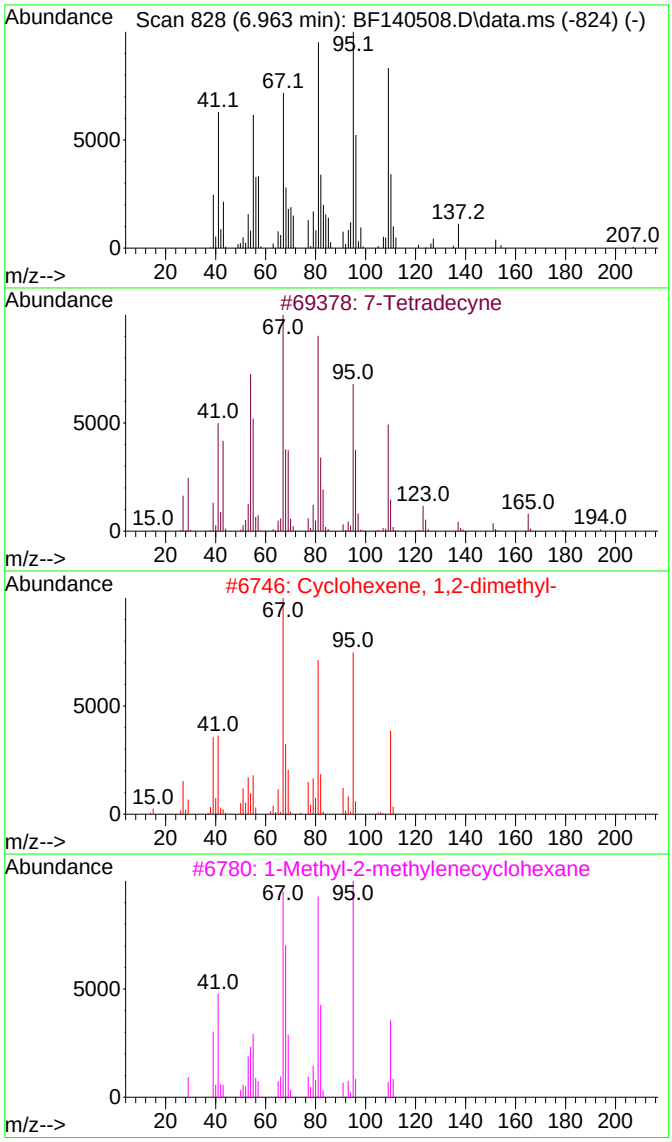
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

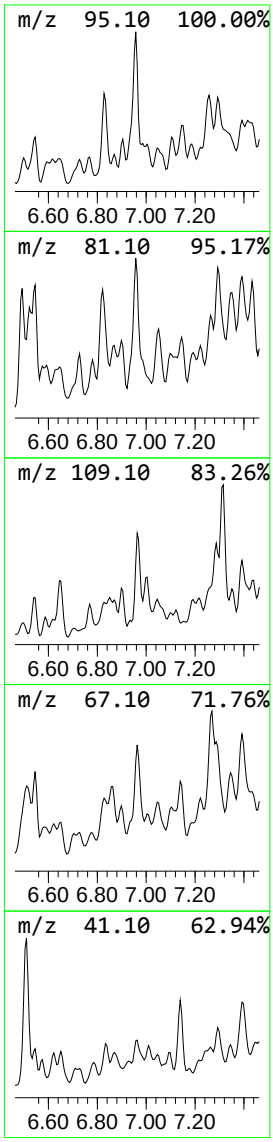
****

Peak Number 6 7-Tetradecyne Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.963	4.63 ng	160383	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Tetradecyne	194	C14H26	035216-11-6	72
2	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	60
3	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	49
4	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	38
5	4-Methyl-1,3-heptadiene	110	C8H14	017603-57-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140508.D
Acq On : 20 Nov 2024 19:09
Operator : RC/JU
Sample : P4768-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5

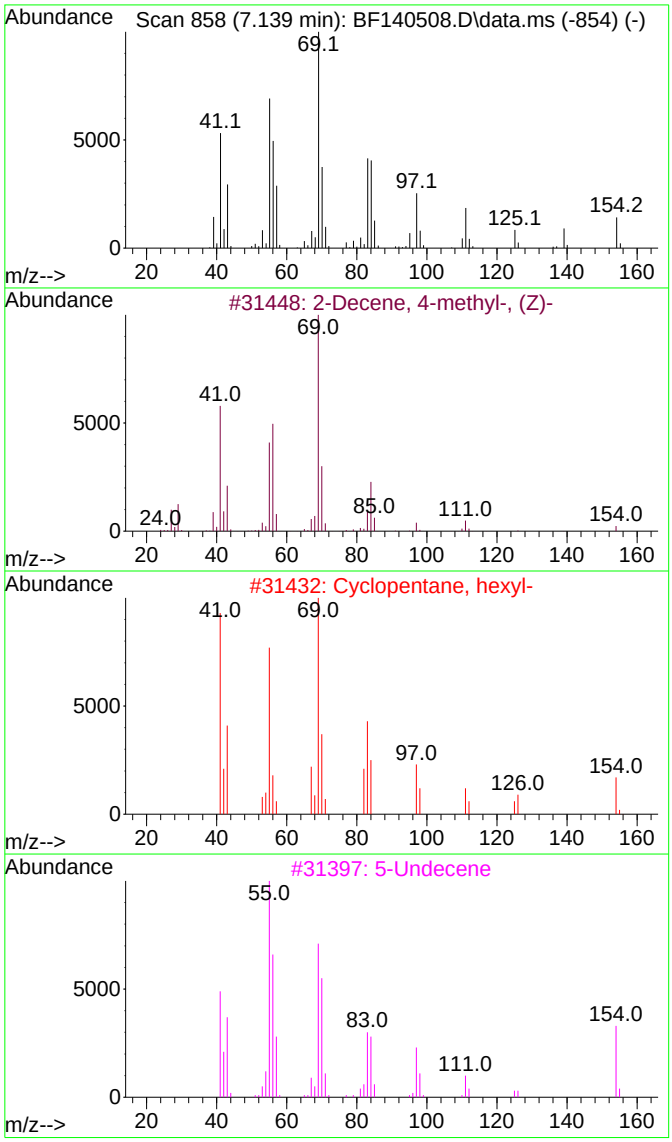
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

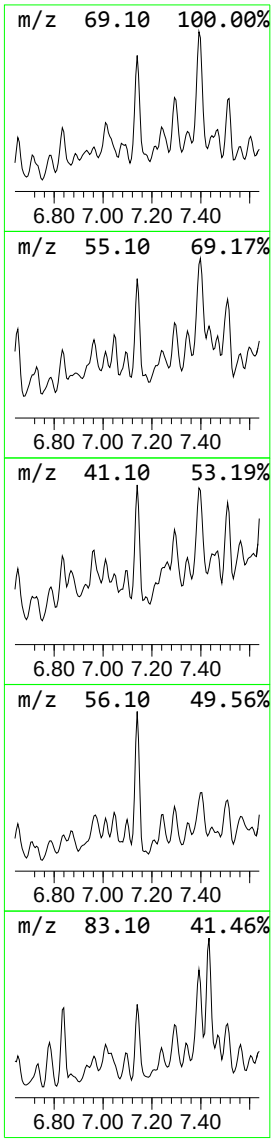
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2-Decene, 4-methyl-, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.139	7.66 ng	265141	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	72
2	Cyclopentane, hexyl-	154	C11H22	004457-00-5	58
3	5-Undecene	154	C11H22	004941-53-1	58
4	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	52
5	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	46





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Acq On : 20 Nov 2024 19:09
Operator : RC/JU
Sample : P4768-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5

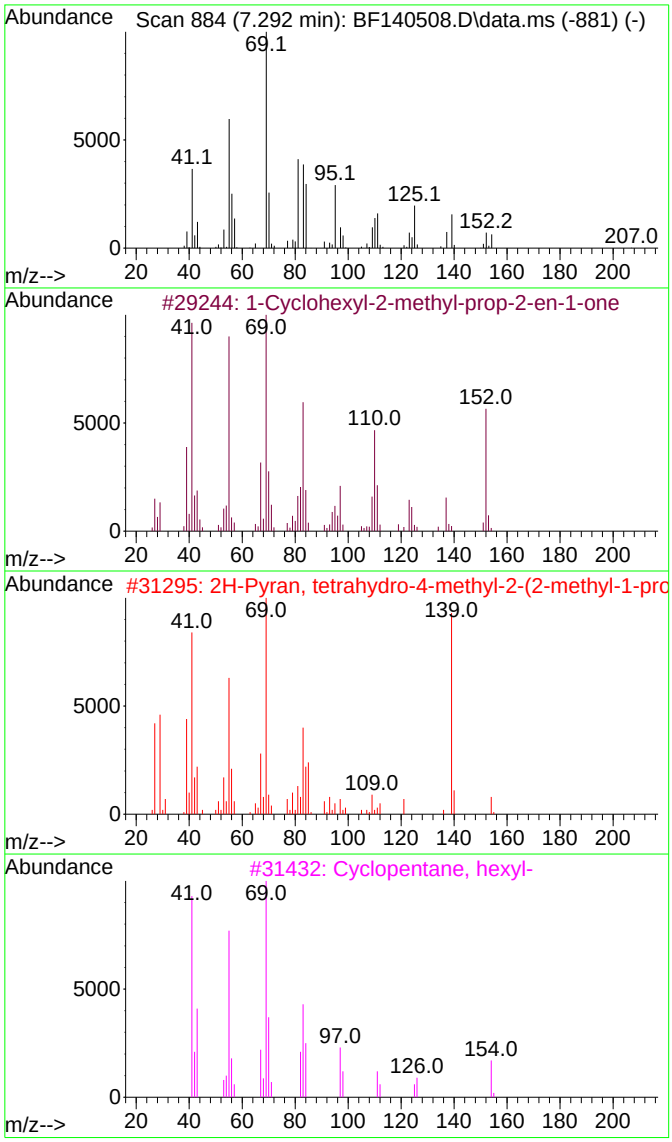
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

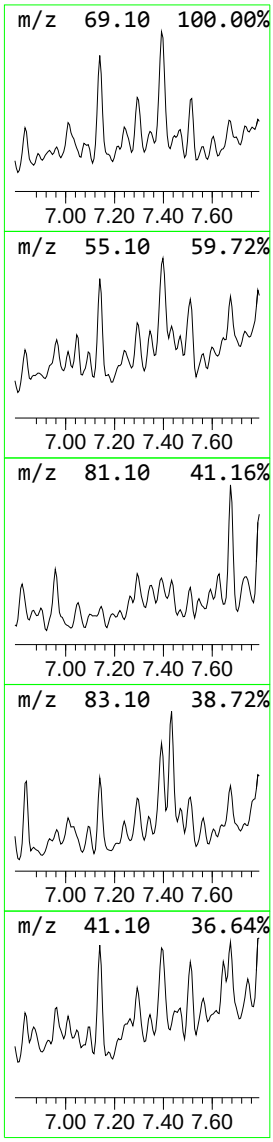
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1-Cyclohexyl-2-methyl-prop-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.292	4.92 ng	170353	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	53
2	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	50
3	Cyclopentane, hexyl-	154	C11H22	004457-00-5	50
4	Citral	152	C10H16O	005392-40-5	43
5	Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	43





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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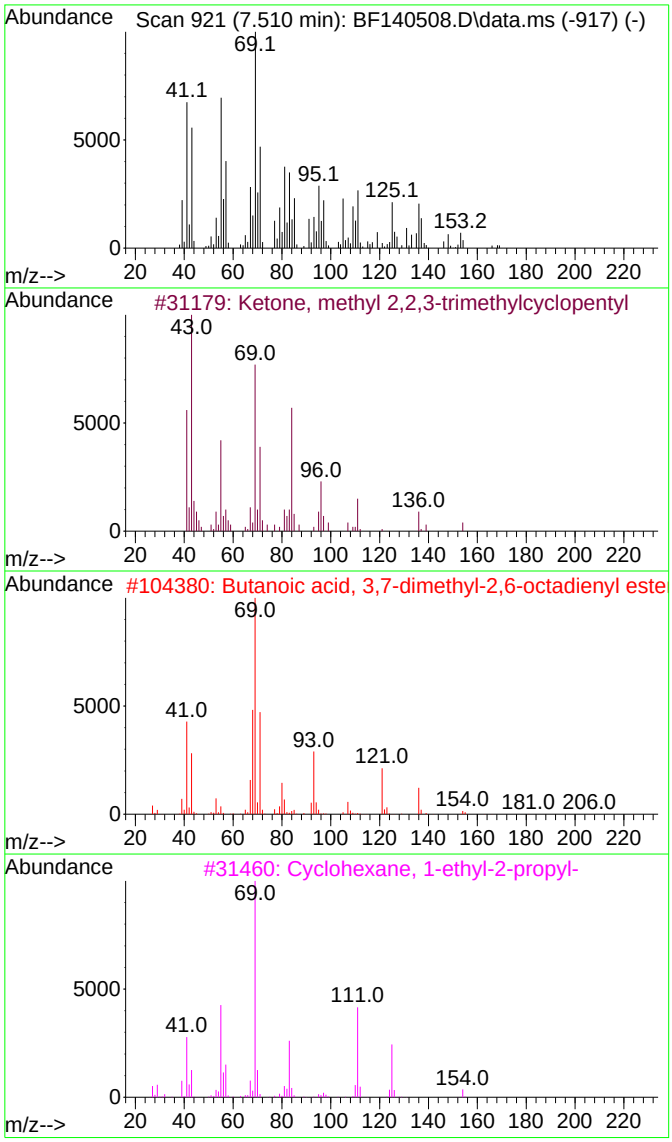
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

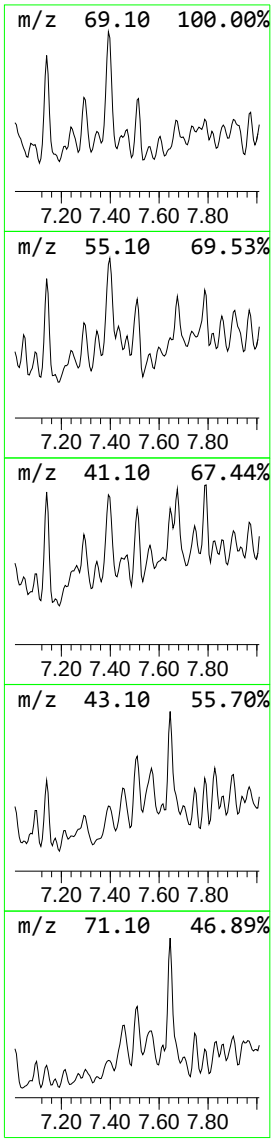
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Ketone, methyl 2,2,3-trimet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.510	7.10 ng	245632	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ketone, methyl 2,2,3-trimethylcy...	154	C10H18O	017983-22-1	50
2	Butanoic acid, 3,7-dimethyl-2,6-...	224	C14H24O2	000106-29-6	38
3	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	35
4	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	27
5	Geranyl bromide	216	C10H17Br	006138-90-5	22





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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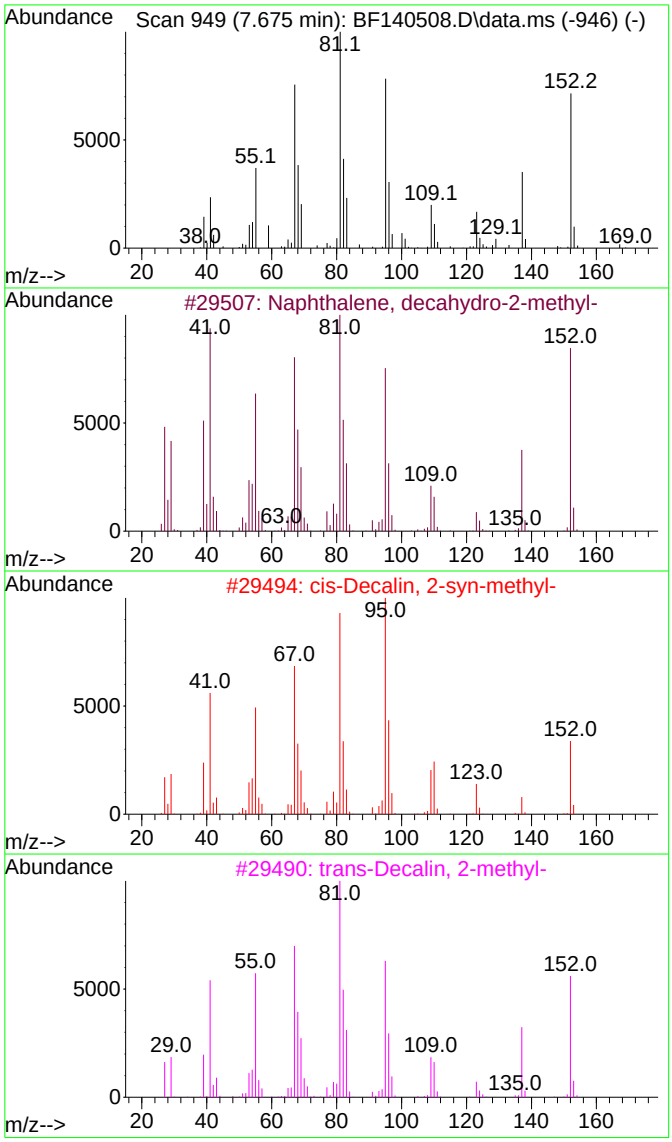
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

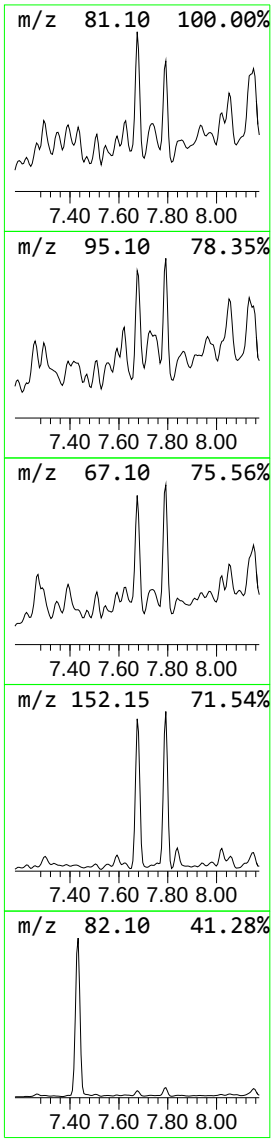
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, decahydro-2-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.675	7.19 ng	259222	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	93
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	74
4	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	72
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	64





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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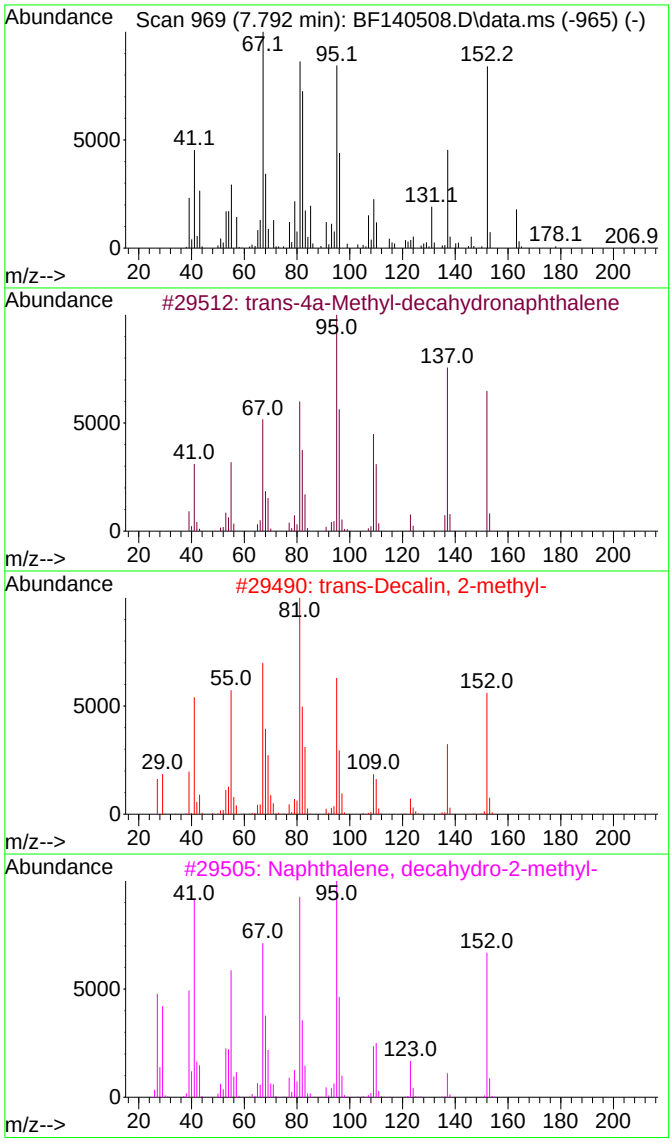
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

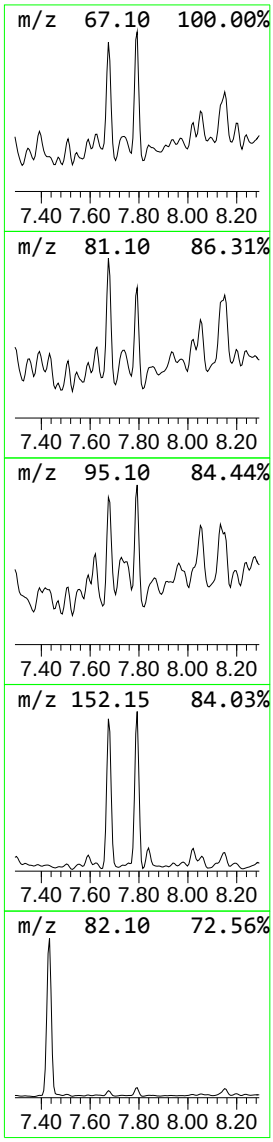
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 trans-4a-Methyl-decahydrona... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.792	7.25 ng	261532	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	76
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	62
4	9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	55
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	46





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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

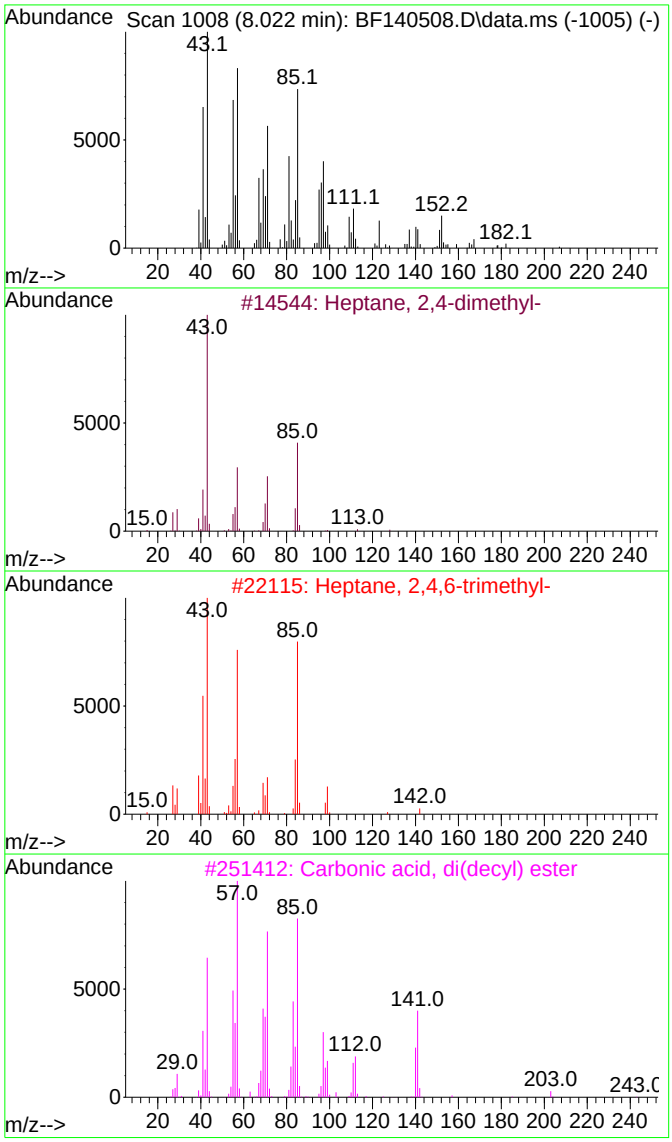
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

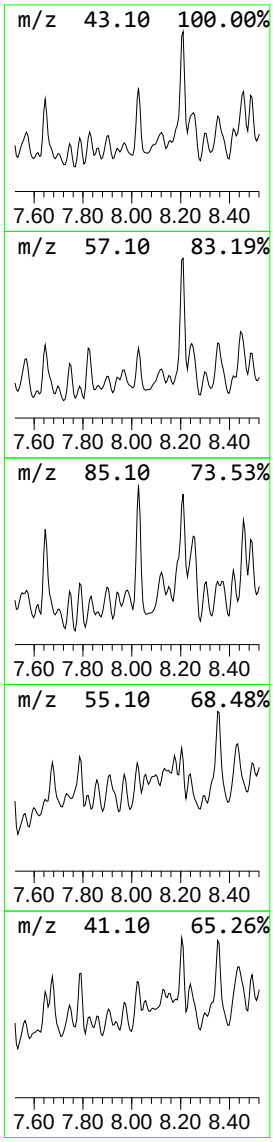
****

Peak Number 12 unknown8.022 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.022	4.79 ng	172768	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	45
2	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	42
3	Carbonic acid, di(decyl) ester	342	C21H42O3	1000383-15-9	35
4	Oxalic acid, butyl 6-ethyloct-3-...	286	C16H30O4	1000309-34-2	35
5	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	25





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

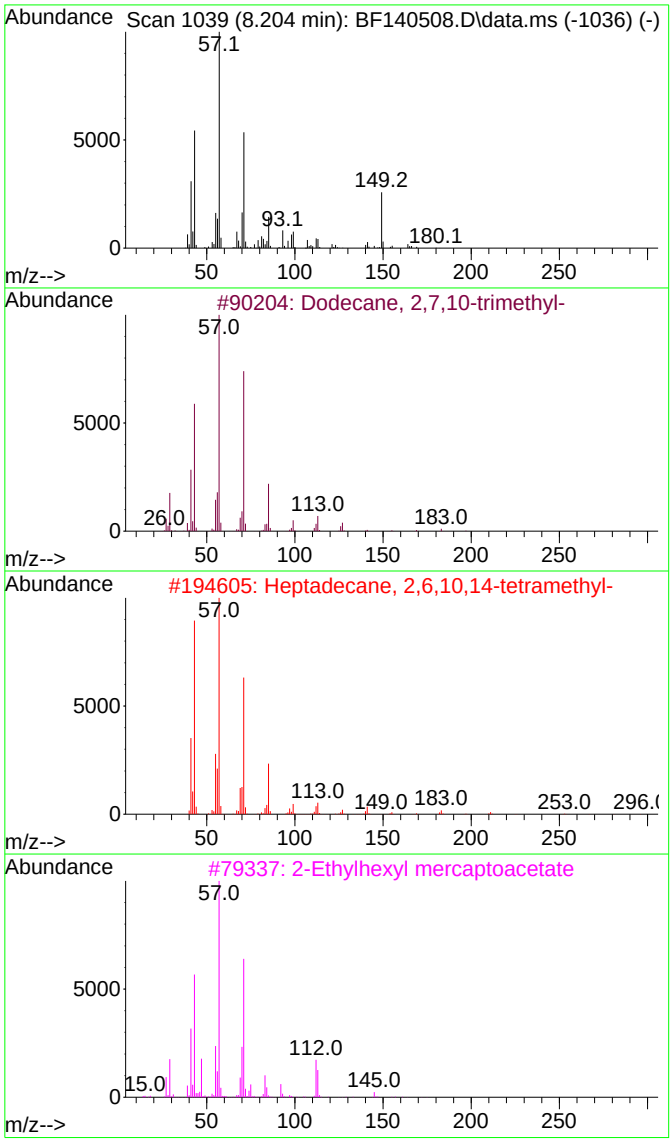
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

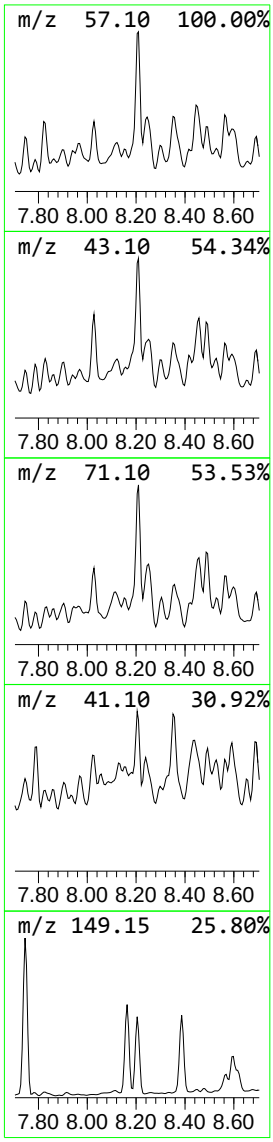
****

Peak Number 13 Dodecane, 2,7,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.204	6.12 ng	220830	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50
2	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	50
3	2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	47
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	43
5	Decane, 2-methyl-	156	C11H24	006975-98-0	43





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Operator : RC/JU
Sample : P4768-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

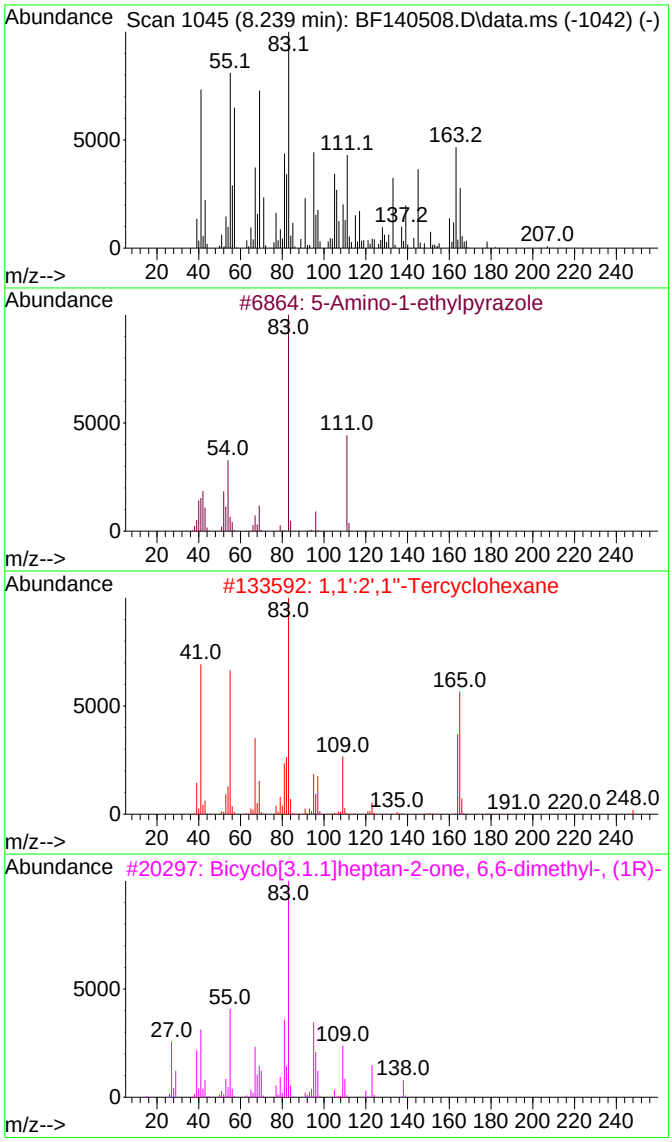
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

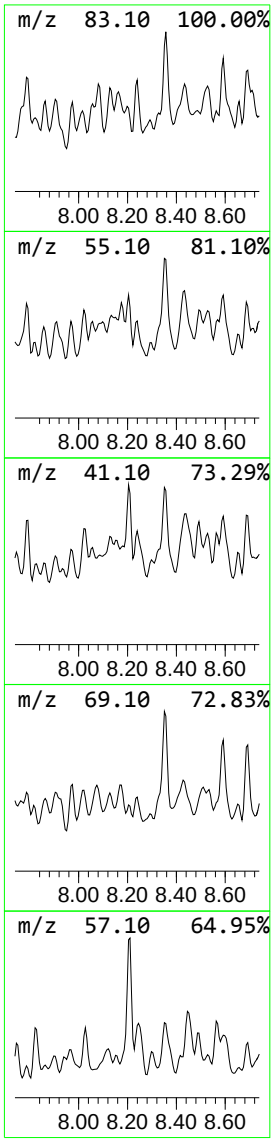
****

Peak Number 14 unknown8.239 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.239	5.53 ng	199349	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Amino-1-ethylpyrazole	111	C5H9N3	003528-58-3	25
2	1,1':2',1''-Tercyclohexane	248	C18H32	002456-43-1	22
3	Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	038651-65-9	22
4	Phosphonic acid, ethyl hexyl ester	194	C8H19O3P	001656-73-1	22
5	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	22





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Sample : P4768-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

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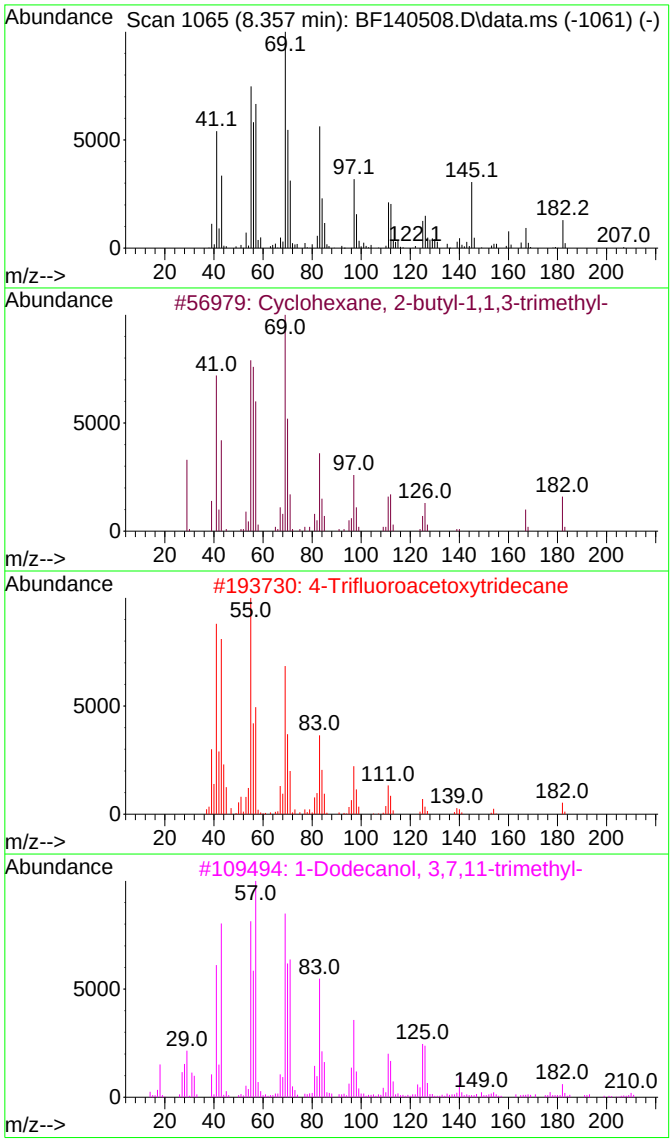
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

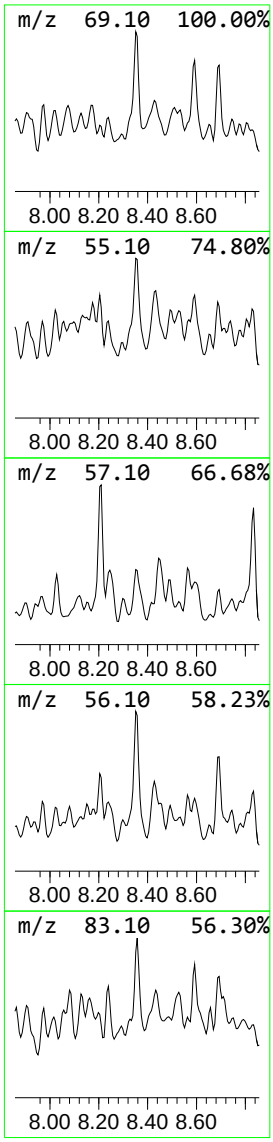
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.357	10.07 ng	363241	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	95
2	4-Trifluoroacetoxytridecane	296	C15H27F3O2	1000245-47-3	86
3	1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	86
4	6-Tridecene, (E)-	182	C13H26	006434-76-0	81
5	4-Heptafluorobutyroxytetradecane	410	C18H29F7O2	1000245-49-9	80





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ALS Vial : 9 Sample Multiplier: 1

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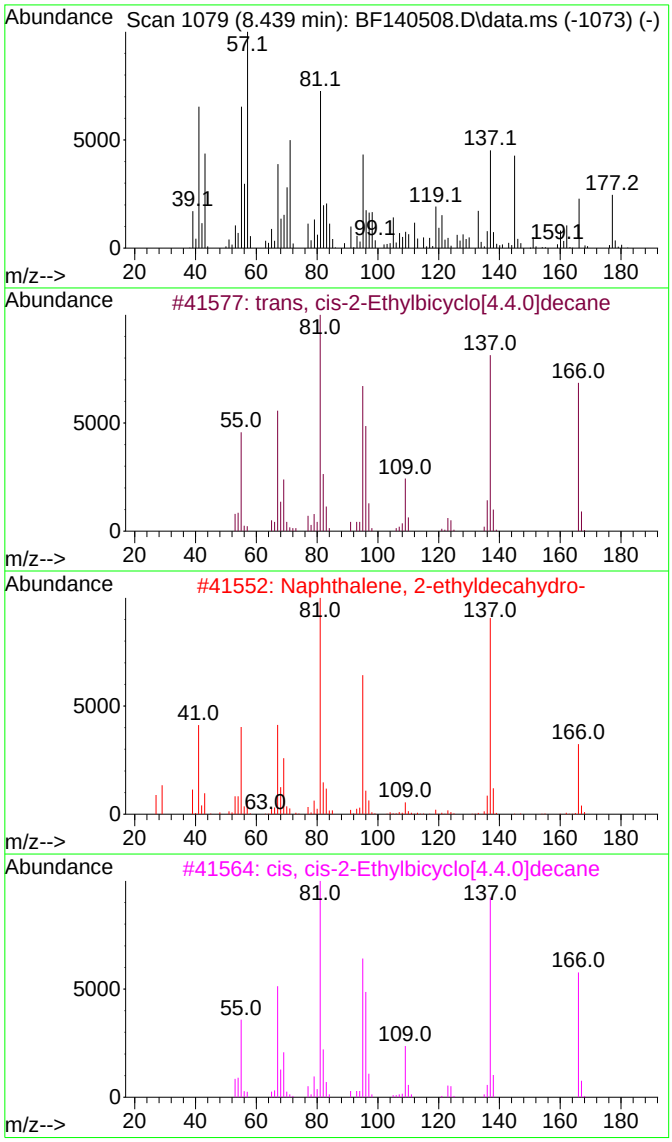
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

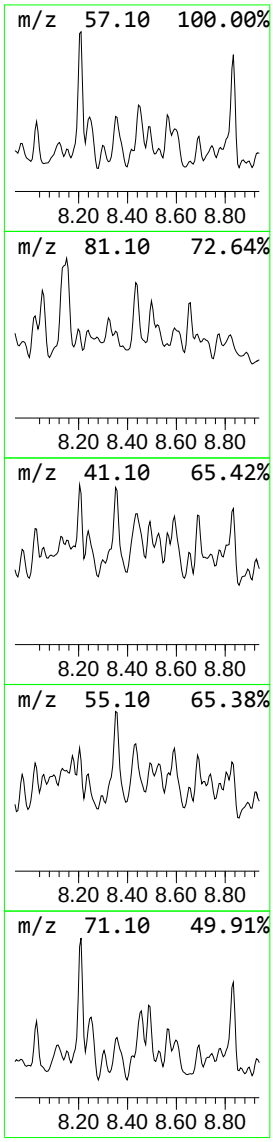
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 trans, cis-2-Ethylbicyclo[4... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.439	11.09 ng	400079	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	50
2	Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	43
3	cis, cis-2-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-40-0	38
4	4a(2H)-Naphthalenemethanol, octa...	168	C11H20O	099992-19-5	38
5	trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	30





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ALS Vial : 9 Sample Multiplier: 1

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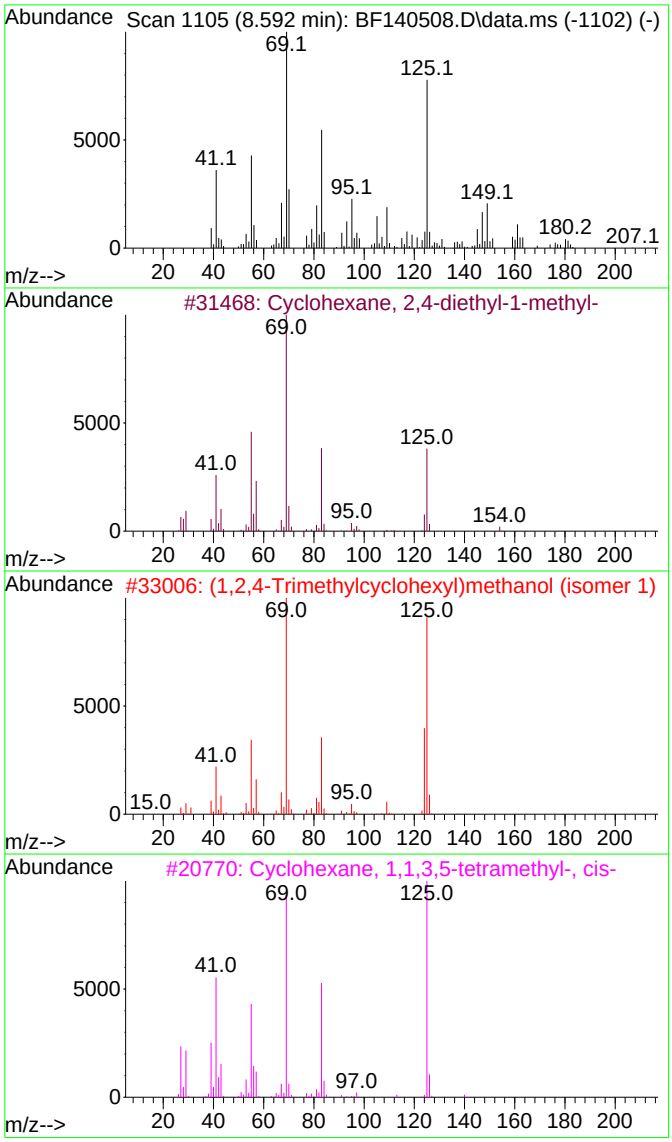
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

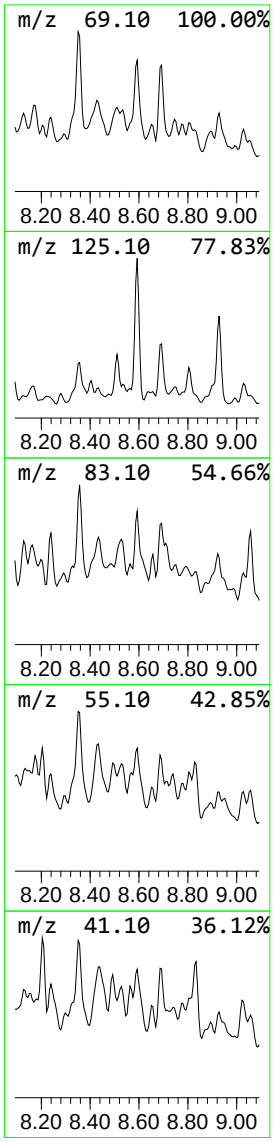
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Cyclohexane, 2,4-diethyl-1-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.592	9.86 ng	355673	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	53
2	(1,2,4-Trimethylcyclohexyl)metha...	156	C10H20O	1000499-03-8	53
3	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	50
4	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	40
5	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	35





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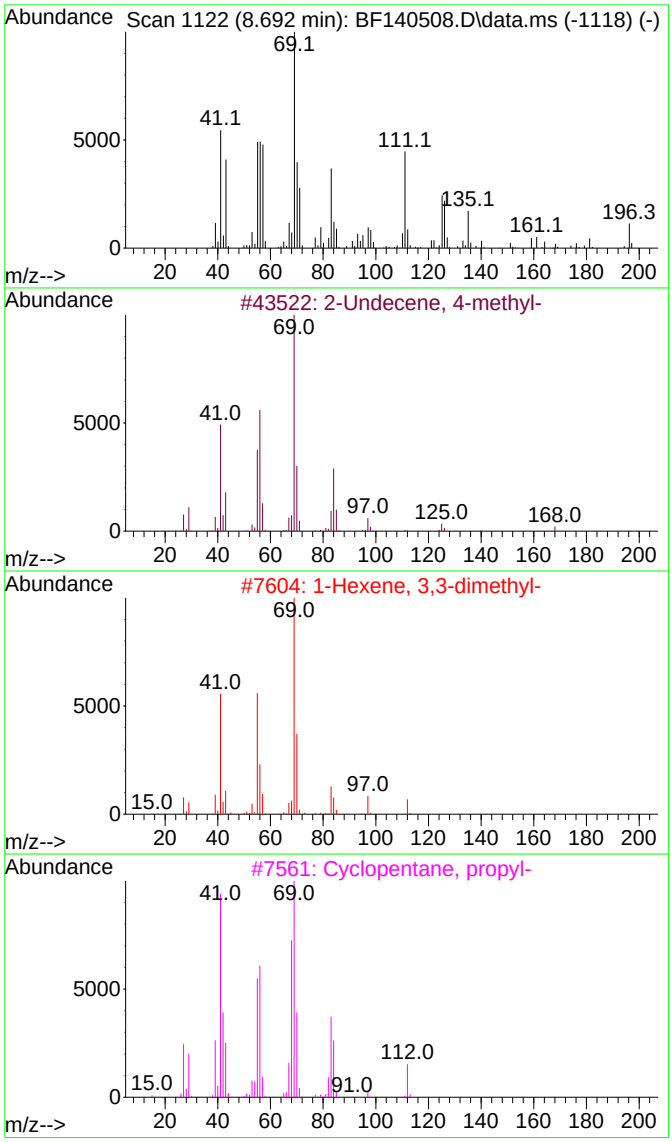
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

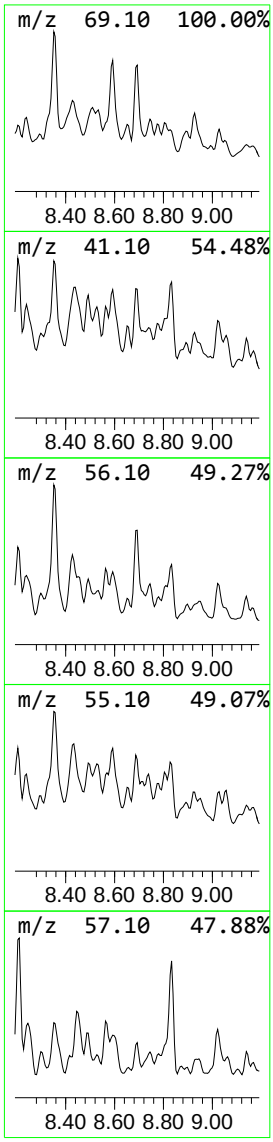
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2-Undecene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.692	6.70 ng	241629	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecene, 4-methyl-	168	C12H24	091695-32-8	52
2	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	49
3	Cyclopentane, propyl-	112	C8H16	002040-96-2	46
4	Cyclooctane, ethyl-	140	C10H20	013152-02-8	43
5	2-(Acetylmethylene)tetrahydrofuran	126	C7H10O2	112595-65-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140508.D
Acq On : 20 Nov 2024 19:09
Operator : RC/JU
Sample : P4768-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.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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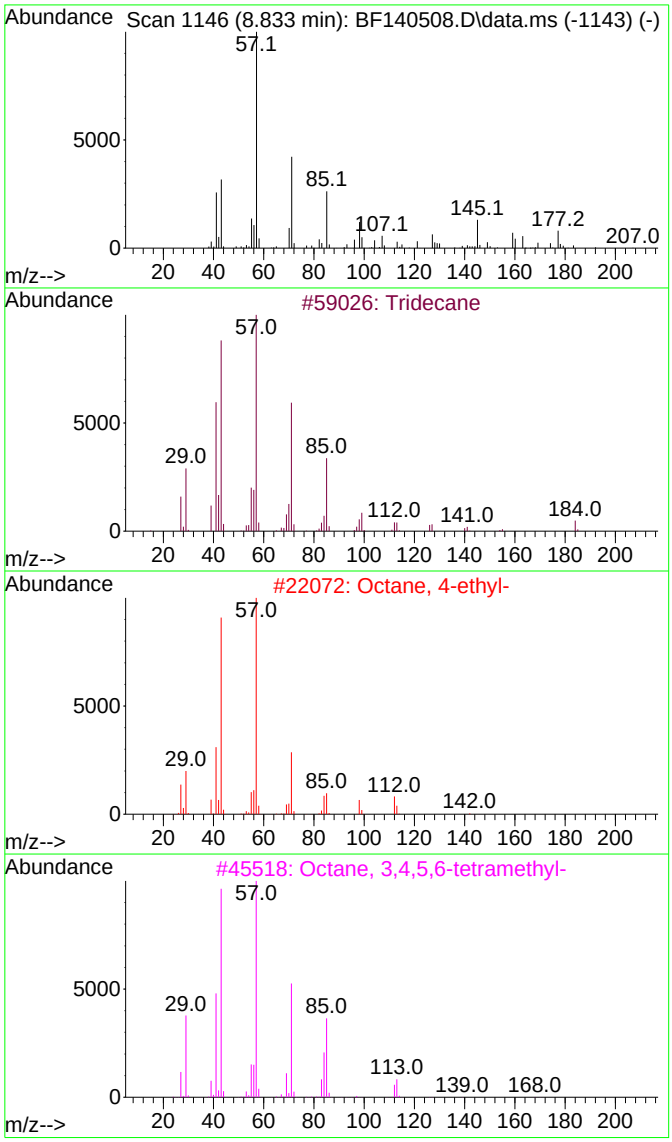
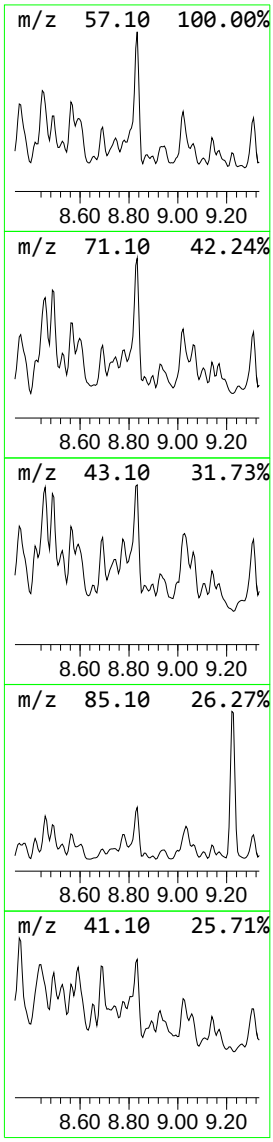
Peak Number 19 unknown8.833 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.833	7.51 ng	270717	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	47
2	Octane, 4-ethyl-	142	C10H22	015869-86-0	47
3	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	47
4	Dodecane	170	C12H26	000112-40-3	47
5	Hexadecane	226	C16H34	000544-76-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140508.D
Acq On : 20 Nov 2024 19:09
Operator : RC/JU
Sample : P4768-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.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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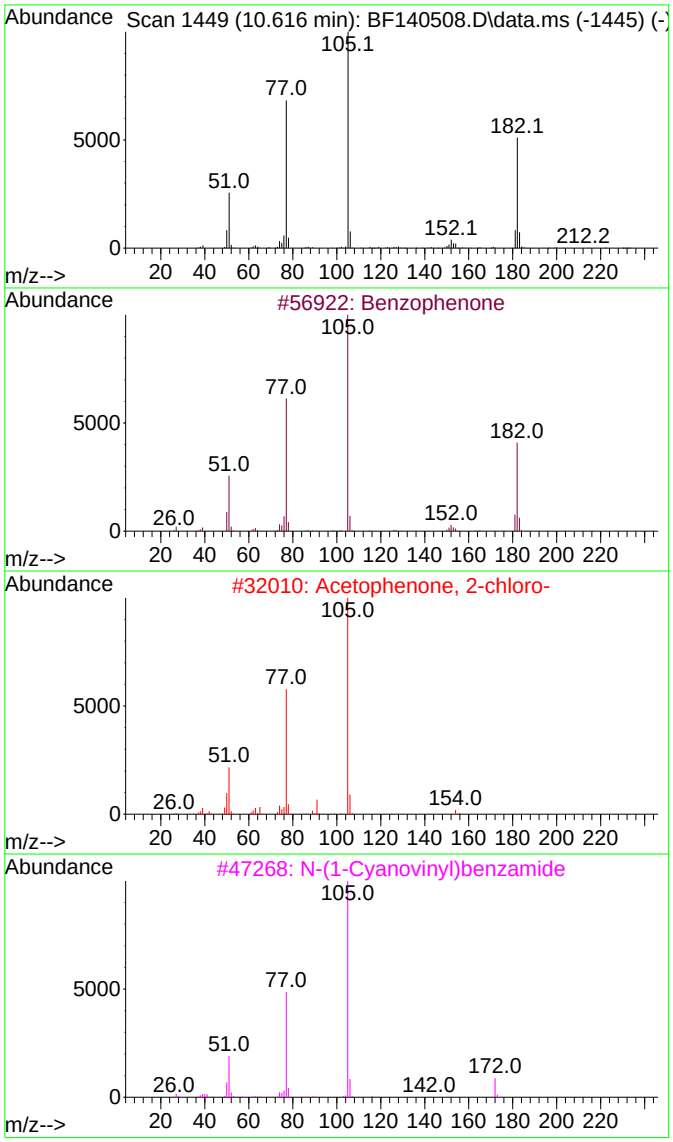
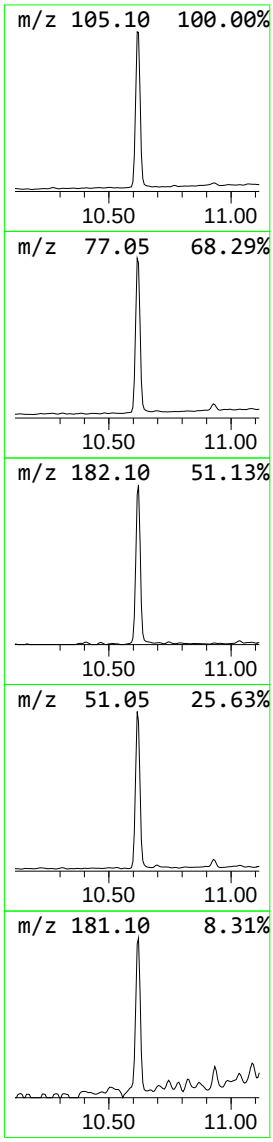
Peak Number 20 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	12.14 ng	383034	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	47
4	Methyl 2-benzoyl-4-cyanobutanoate	231	C13H13NO3	1010486-83-8	47
5	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140508.D
Acq On : 20 Nov 2024 19:09
Operator : RC/JU
Sample : P4768-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.140	56.6	ng	1959060	1	6.875	692320	20.0
Cyclohexane, 1,...	5.092	6.3	ng	218061	1	6.875	692320	20.0
Cyclooctane, 1-...	5.886	4.3	ng	150425	1	6.875	692320	20.0
4-Octene, 2,6-d...	6.410	13.2	ng	457443	1	6.875	692320	20.0
unknown6.651	6.651	4.6	ng	159356	1	6.875	692320	20.0
7-Tetradecyne	6.963	4.6	ng	160383	1	6.875	692320	20.0
2-Decene, 4-met...	7.139	7.7	ng	265141	1	6.875	692320	20.0
1-Cyclohexyl-2-...	7.292	4.9	ng	170353	1	6.875	692320	20.0
Ketone, methyl ...	7.510	7.1	ng	245632	1	6.875	692320	20.0
Naphthalene, de...	7.675	7.2	ng	259222	2	8.151	721215	20.0
trans-4a-Methyl...	7.792	7.3	ng	261532	2	8.151	721215	20.0
unknown8.022	8.022	4.8	ng	172768	2	8.151	721215	20.0
Dodecane, 2,7,1...	8.204	6.1	ng	220830	2	8.151	721215	20.0
unknown8.239	8.239	5.5	ng	199349	2	8.151	721215	20.0
Cyclohexane, 2-...	8.357	10.1	ng	363241	2	8.151	721215	20.0
trans, cis-2-Et...	8.439	11.1	ng	400079	2	8.151	721215	20.0
Cyclohexane, 2,...	8.592	9.9	ng	355673	2	8.151	721215	20.0
2-Undecene, 4-m...	8.692	6.7	ng	241629	2	8.151	721215	20.0
unknown8.833	8.833	7.5	ng	270717	2	8.151	721215	20.0
Benzophenone	10.616	12.1	ng	383034	3	9.904	630925	20.0