LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140309.D
Acq On : 08 Nov 2024 19:48
Operator : RC/JU
Sample : P4768-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-1

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-BF110524.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140309.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	6	19	rVB	1078090	1517735	75.98%	7.239%
2	2.234	19	24	36	rVB2	35385	64064	3.21%	0.306%
3	4.546	410	417	426	rVB3	23567	45914	2.30%	0.219%
4	5.016	490	497	505	rBV6	17701	45588	2.28%	0.217%
5	5.093	505	510	516	rBV2	144276	224883	11.26%	1.073%
6	5.299	538	545	549	rBV	48975	76285	3.82%	0.364%
7	5.493	570	578	588	rVB	1445912	1952213	97.73%	9.311%
8	5.575	588	592	596	rBV	34133	45665	2.29%	0.218%
9	5.657	601	606	611	rVV4	43922	83591	4.18%	0.399%
10	5.734	615	619	625	rBV3	33656	57676	2.89%	0.275%
11	5.804	625	631	637	rVB3	61392	122697	6.14%	0.585%
12	5.893	641	646	652	rBV4	85754	142869	7.15%	0.681%
13	5.951	652	656	659	rBV3	21627	37566	1.88%	0.179%
14	6.040	667	671	674	rVB3	34086	48887	2.45%	0.233%
15	6.081	674	678	681	rBV3	31742	53319	2.67%	0.254%
16	6.151	684	690	693	rVV5	38252	69558	3.48%	0.332%
17	6.222	698	702	708	rVB5	29972	74784	3.74%	0.357%
18	6.316	713	718	722	rBV3	51260	89985	4.50%	0.429%
19	6.357	722	725	730	rVB5	31798	47211	2.36%	0.225%
20	6.416	730	735	744	rBV2	224893	362559	18.15%	1.729%
21	6.498	744	749	756	rBV	1428290	1997474	100.00%	9.527%
22	6.551	756	758	761	rVV2	76734	77509	3.88%	0.370%
23	6.581	761	763	766	rVB	42360	39614	1.98%	0.189%
24	6.628	767	771	774	rBV	61117	89900	4.50%	0.429%
25	6.657	774	776	782	rVB6	78582	103554	5.18%	0.494%
26	6.716	782	786	788	rBV2	57759	85081	4.26%	0.406%
27	6.793	793	799	802	rBV5	38291	80097	4.01%	0.382%
28	6.840	802	807	809	rBV5	76772	112614	5.64%	0.537%
29	6.875	809	813	819	rVB	558815	751543	37.62%	3.585%
30	6.969	826	829	834	rBV3	61256	87662	4.39%	0.418%
31	7.016	834	837	841	rVB3	50068	58557	2.93%	0.279%
32	7.145	855	859	864	rVB2	153935	208423	10.43%	0.994%
33	7.269	878	880	883	rBV	38066	41682	2.09%	0.199%
34	7.304	883	886	891	rVB2	85759	125534	6.28%	0.599%
35	7.351	891	894	898	rBV3	36293	49114	2.46%	0.234%
36	7.404	898	903	904	rBV3	134527	190181	9.52%	0.907%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140309.D
Acq On : 08 Nov 2024 19:48
Operator : RC/JU
Sample : P4768-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-1

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-BF110524.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.434	904	908	913	rVB	839296	1074246	53.78%	5.124%
38	7.516	918	922	926	rVB4	138414	199194	9.97%	0.950%
39	7.569	926	931	934	rBV5	60027	111199	5.57%	0.530%
40	7.657	942	946	948	rBV2	74478	101396	5.08%	0.484%
41	7.681	948	950	956	rVB2	147453	177547	8.89%	0.847%
42	7.751	959	962	966	rVB4	69789	88741	4.44%	0.423%
43	7.798	966	970	974	rBV3	161176	188987	9.46%	0.901%
44	7.981	998	1001	1005	rVB3	44920	61202	3.06%	0.292%
45	8.034	1006	1010	1012	rBV3	81396	113023	5.66%	0.539%
46	8.157	1025	1031	1037	rBV	679040	945635	47.34%	4.510%
47	8.210	1038	1040	1043	rVV	118283	129749	6.50%	0.619%
48	8.245	1043	1046	1053	rVB6	83948	129060	6.46%	0.616%
49	8.363	1062	1066	1073	rVB3	141655	225519	11.29%	1.076%
50	8.445	1074	1080	1086	rBV9	100089	240507	12.04%	1.147%
51	8.498	1087	1089	1092	rVV3	41026	44118	2.21%	0.210%
52	8.598	1103	1106	1114	rVB4	105002	203470	10.19%	0.970%
53	8.663	1114	1117	1119	rBV	41802	41413	2.07%	0.198%
54	8.698	1119	1123	1128	rBV2	87042	132638	6.64%	0.633%
55	8.839	1144	1147	1152	rVB2	111709	159654	7.99%	0.761%
56	9.034	1177	1180	1184	rBV5	46199	63070	3.16%	0.301%
57	9.234	1209	1214	1219	rBV	1582755	1958981	98.07%	9.344%
58	9.316	1224	1228	1232	rBV2	62068	90441	4.53%	0.431%
59	9.916	1325	1330	1334	rVB	660871	818146	40.96%	3.902%
60	10.322	1396	1399	1405	rBV3	44744	67238	3.37%	0.321%
61	10.628	1447	1451	1456	rBV	314970	392782	19.66%	1.873%
62	10.704	1459	1464	1470	rBV	881551	1156215	57.88%	5.515%
63	11.410	1579	1584	1591	rBV	659798	996757	49.90%	4.754%
64	13.004	1851	1855	1862	rBV	1283786	1793539	89.79%	8.554%

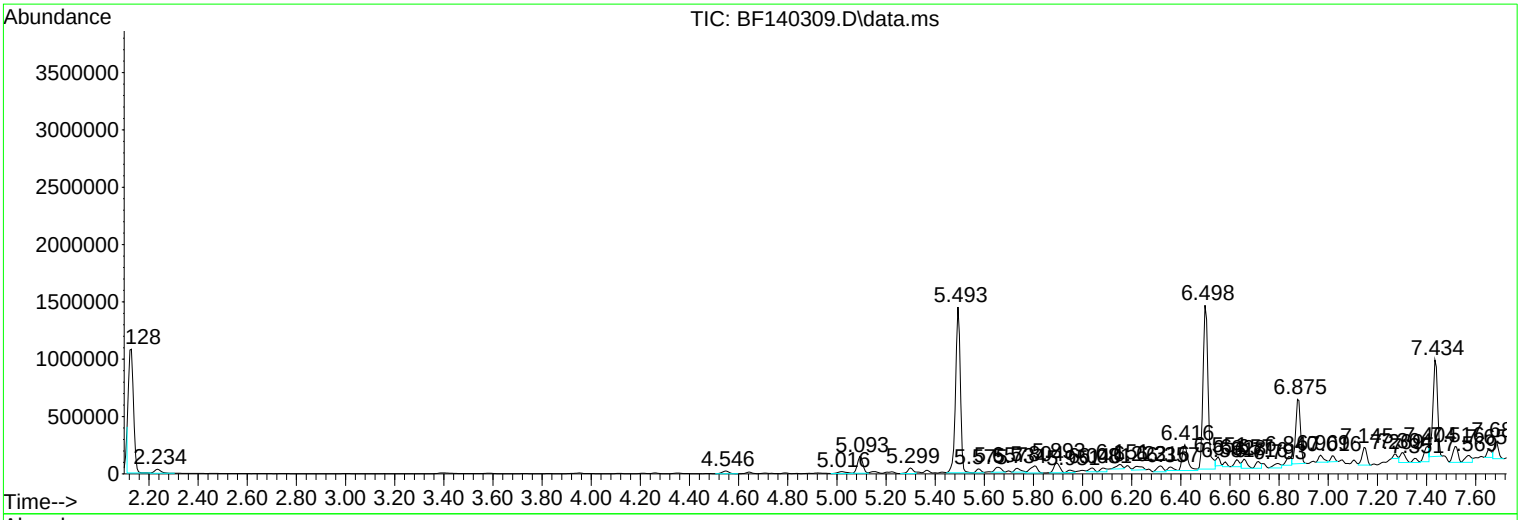
Sum of corrected areas: 20966055

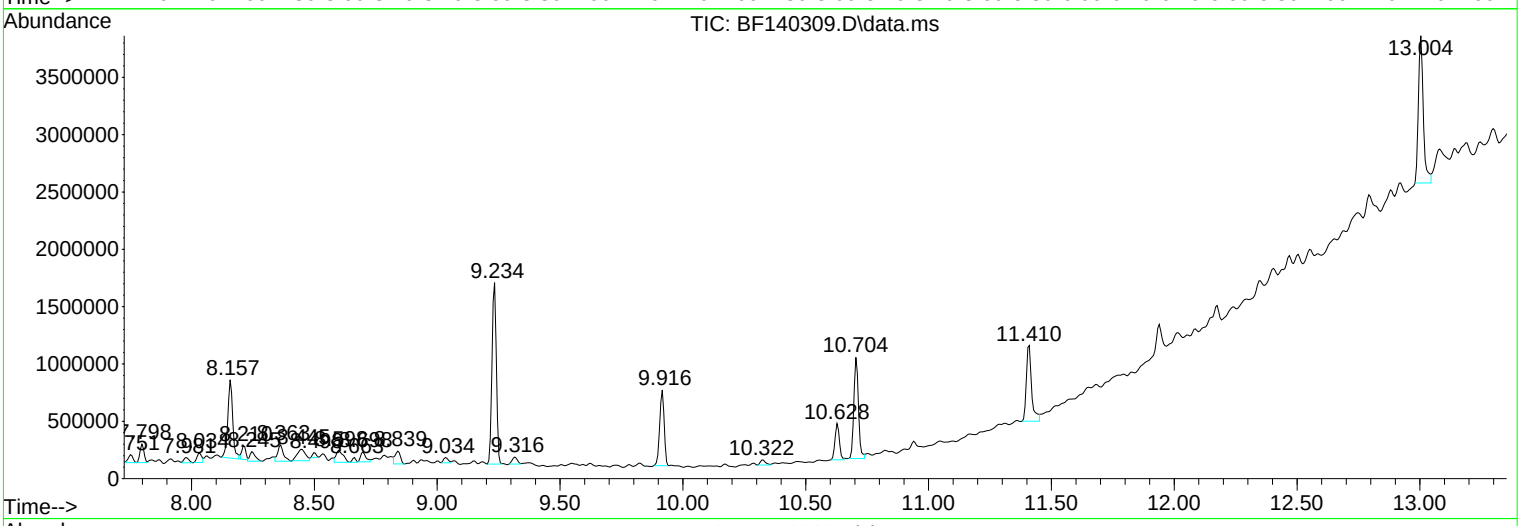
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140309.D
Acq On : 08 Nov 2024 19:48
Operator : RC/JU
Sample : P4768-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

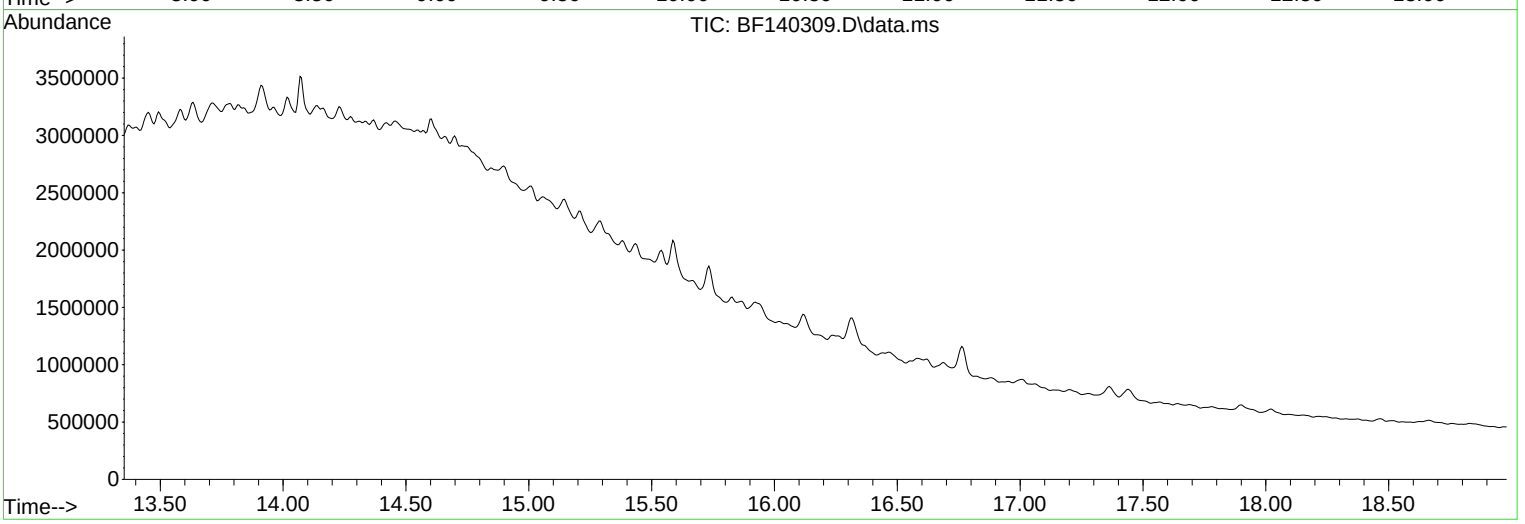
Instrument :
BNA_F
ClientSampleId :
B-3-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.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\BF110824\
Data File : BF140309.D
Acq On : 08 Nov 2024 19:48
Operator : RC/JU
Sample : P4768-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

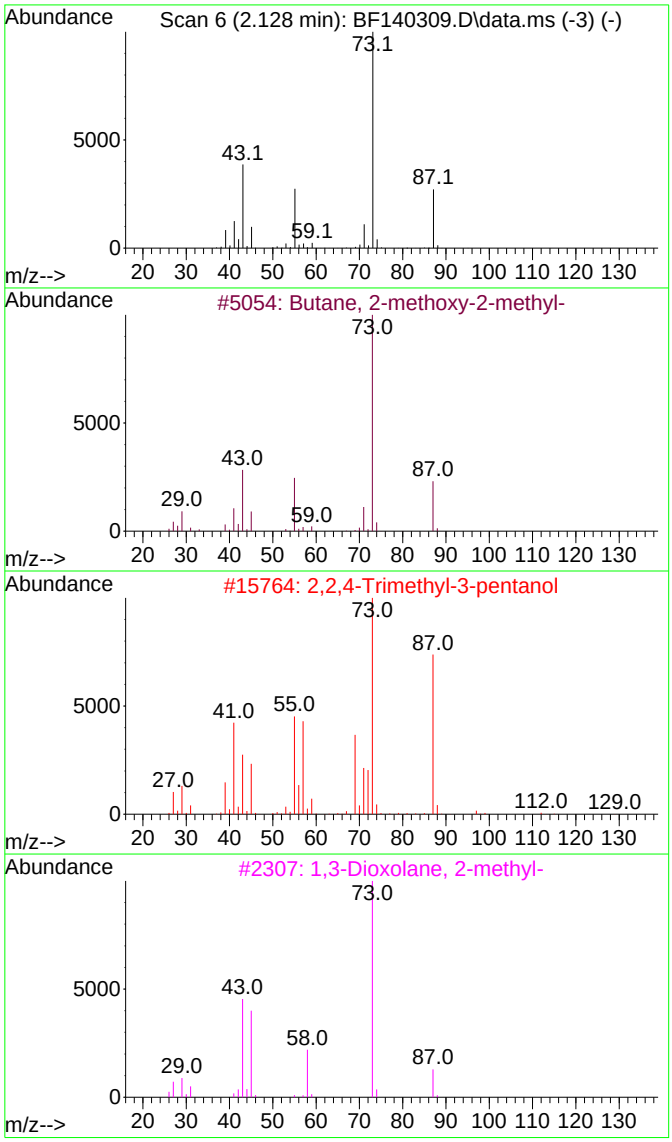
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

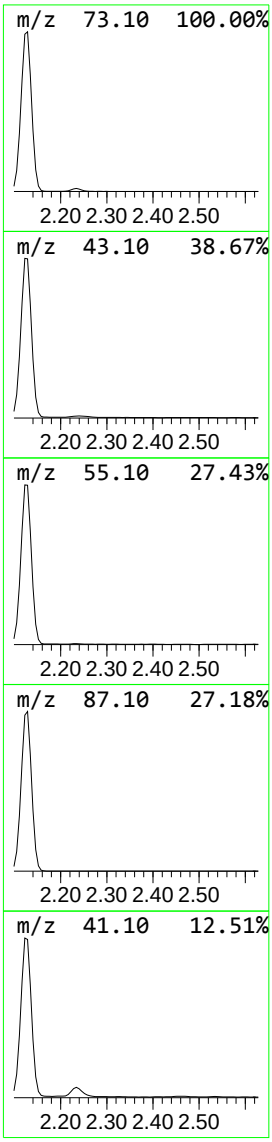
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	40.39 ng	1517740	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140309.D
Acq On : 08 Nov 2024 19:48
Operator : RC/JU
Sample : P4768-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

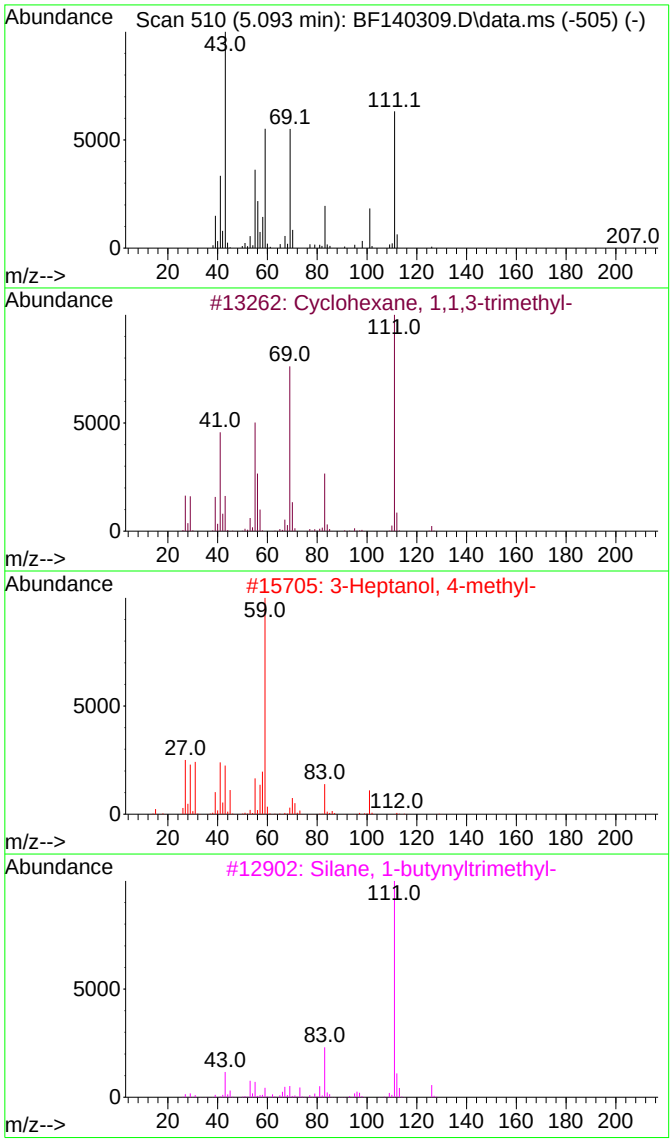
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

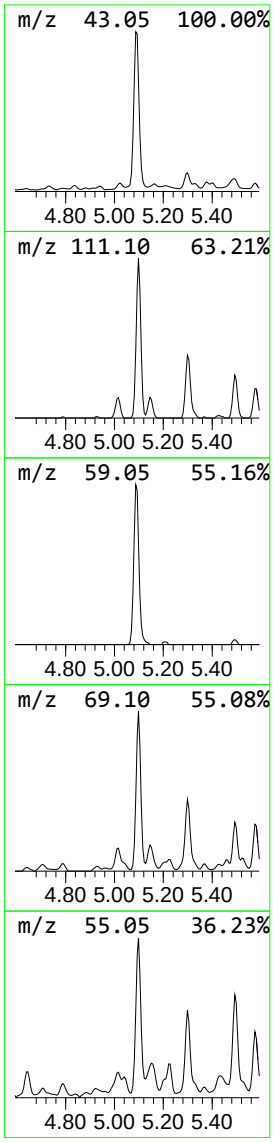
****

Peak Number 2 unknown5.093 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	5.98 ng	224883	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	46
2	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	35
3	Silane, 1-butynyltrimethyl-	126	C7H14Si	062108-37-6	27
4	3-Octanol	130	C8H18O	000589-98-0	27
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140309.D
Acq On : 08 Nov 2024 19:48
Operator : RC/JU
Sample : P4768-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

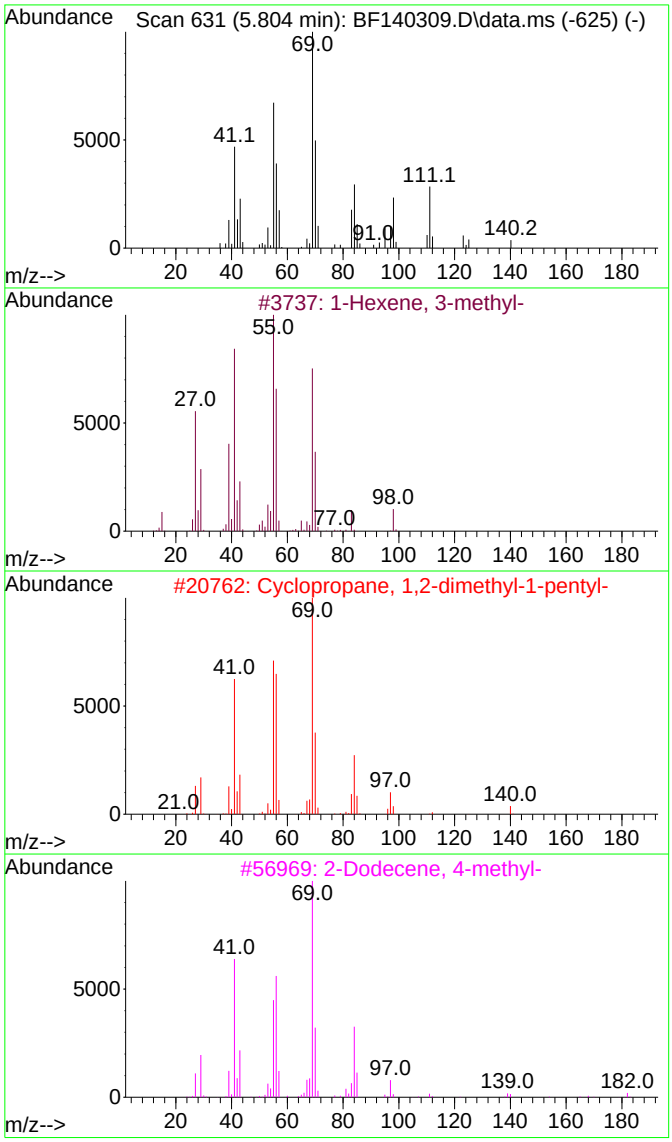
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

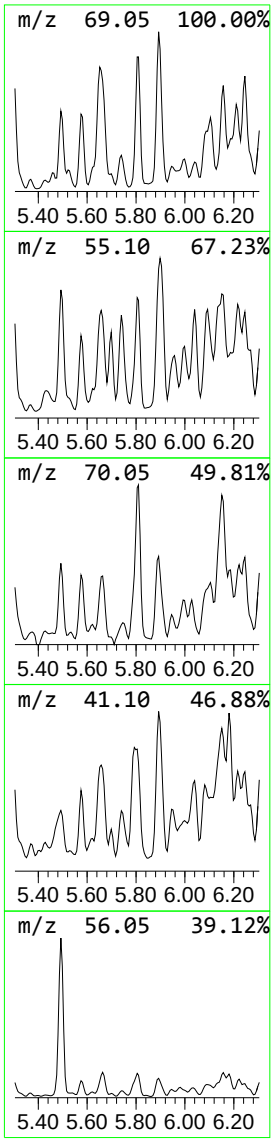
****

Peak Number 3 1-Hexene, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.804	3.27 ng	122697	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	58
2	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	58
3	2-Dodecene, 4-methyl-	182	C13H26	056851-45-7	53
4	2-Undecene, 4-methyl-	168	C12H24	091695-32-8	53
5	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140309.D
Acq On : 08 Nov 2024 19:48
Operator : RC/JU
Sample : P4768-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

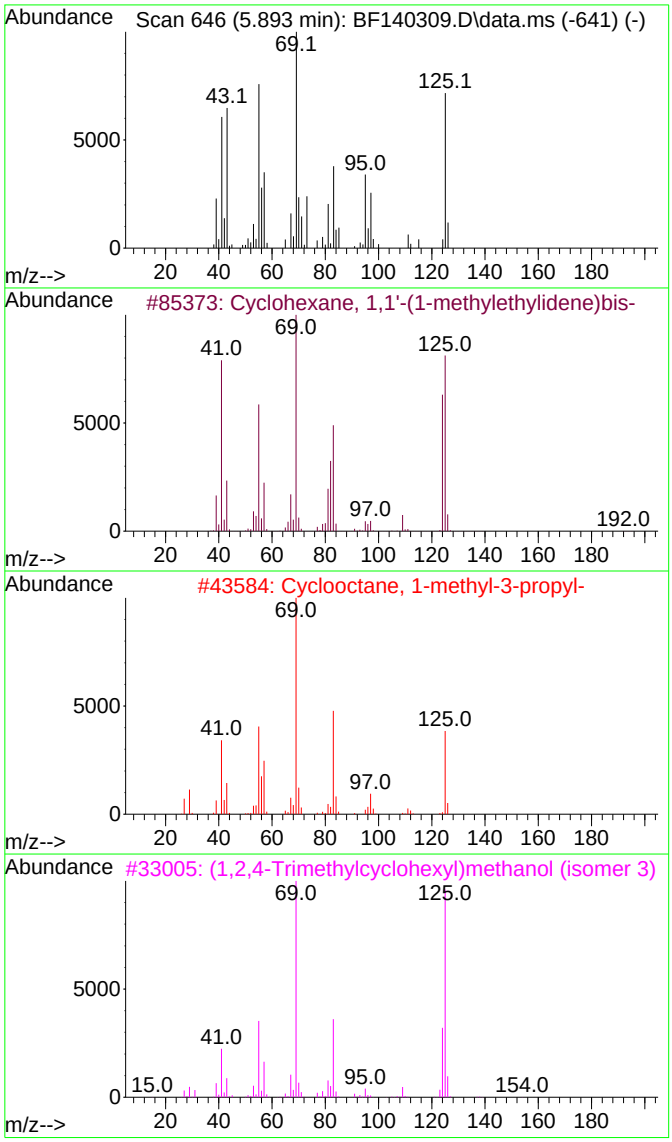
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

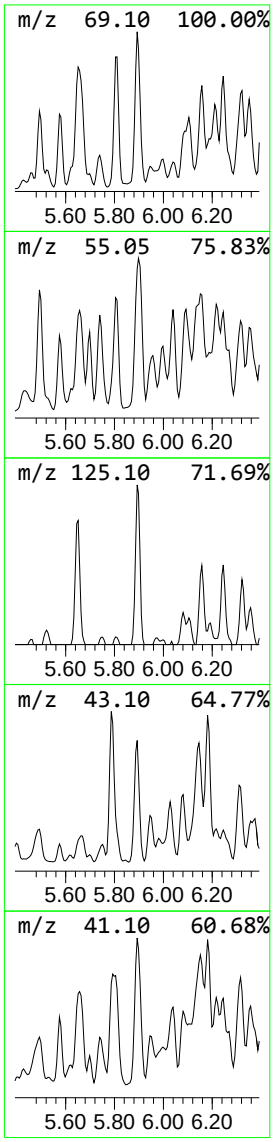
****

Peak Number 4 Cyclohexane, 1,1'-(1-methyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.893	3.80 ng	142869	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-(1-methylethyl...	208	C15H28	054934-90-6	50
2	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	50
3	(1,2,4-Trimethylcyclohexyl)metha...	156	C10H20O	1000499-04-0	47
4	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	47
5	Cyclopentaneethanol, .beta.,2,3-...	156	C10H20O	021721-18-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140309.D
Acq On : 08 Nov 2024 19:48
Operator : RC/JU
Sample : P4768-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-1

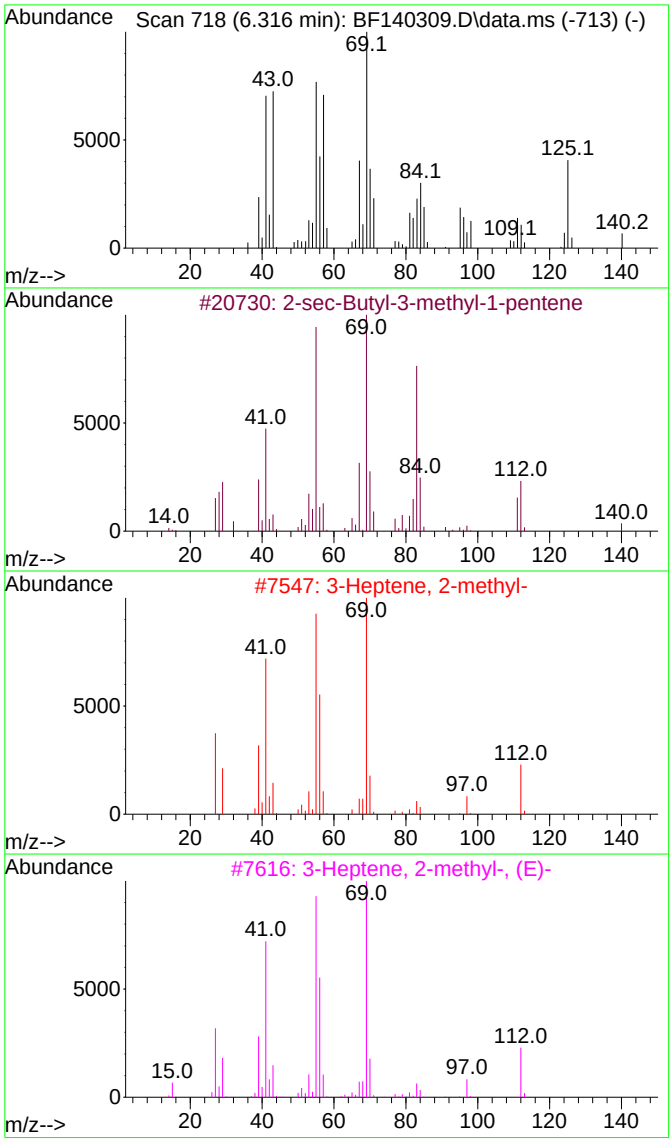
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

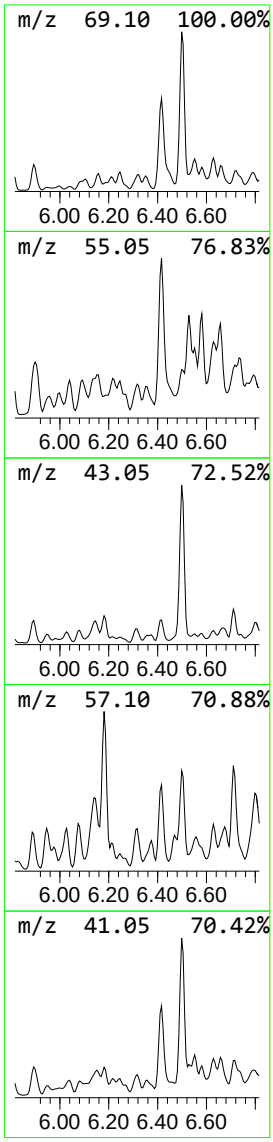
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-sec-Butyl-3-methyl-1-pentene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.316	2.39 ng	89985	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-sec-Butyl-3-methyl-1-pentene	140	C10H20	075144-24-0	53
2	3-Heptene, 2-methyl-	112	C8H16	017618-76-7	43
3	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	43
4	3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	43
5	Pentane, 3-methylene-	84	C6H12	000760-21-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140309.D
Acq On : 08 Nov 2024 19:48
Operator : RC/JU
Sample : P4768-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-1

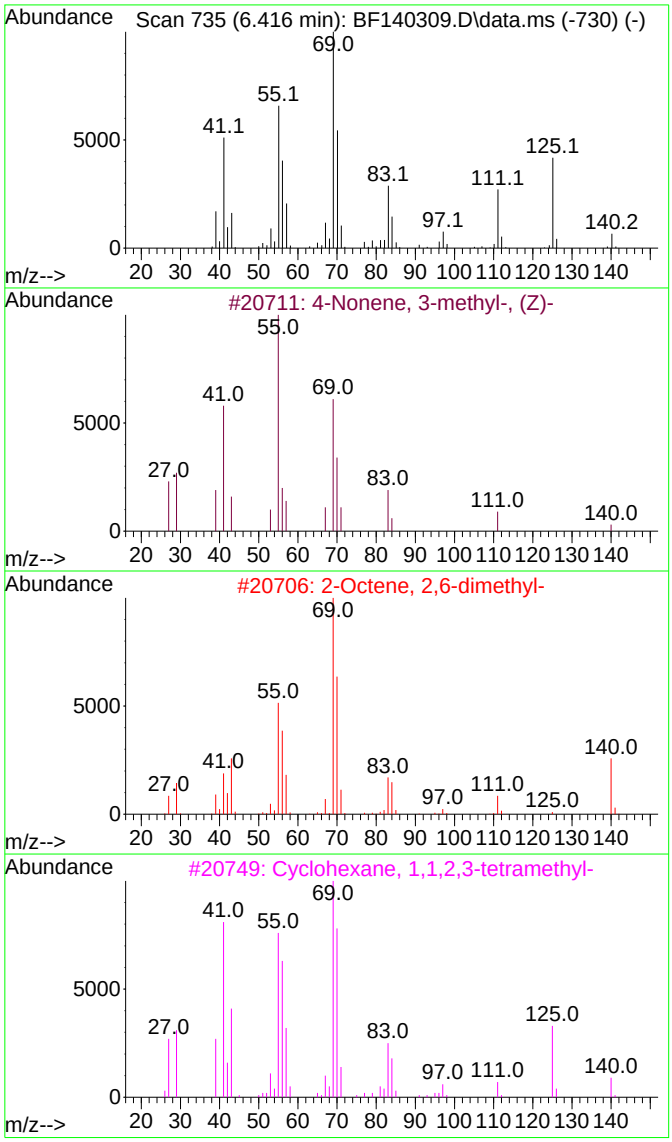
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

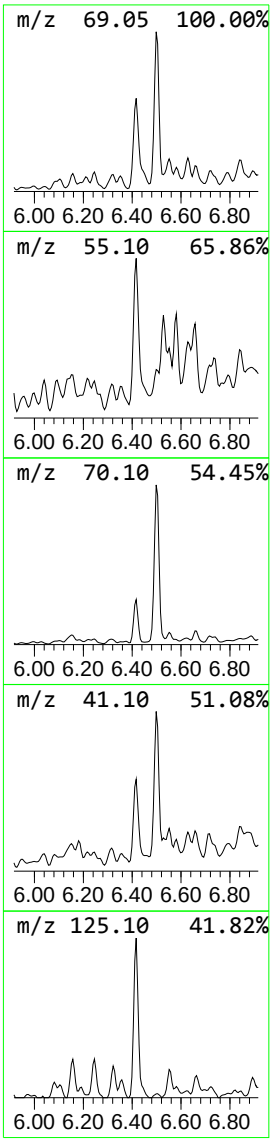
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4-Nonene, 3-methyl-, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.416	9.65 ng	362559	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	59
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
3	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	55
4	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	53
5	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140309.D
Acq On : 08 Nov 2024 19:48
Operator : RC/JU
Sample : P4768-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-1

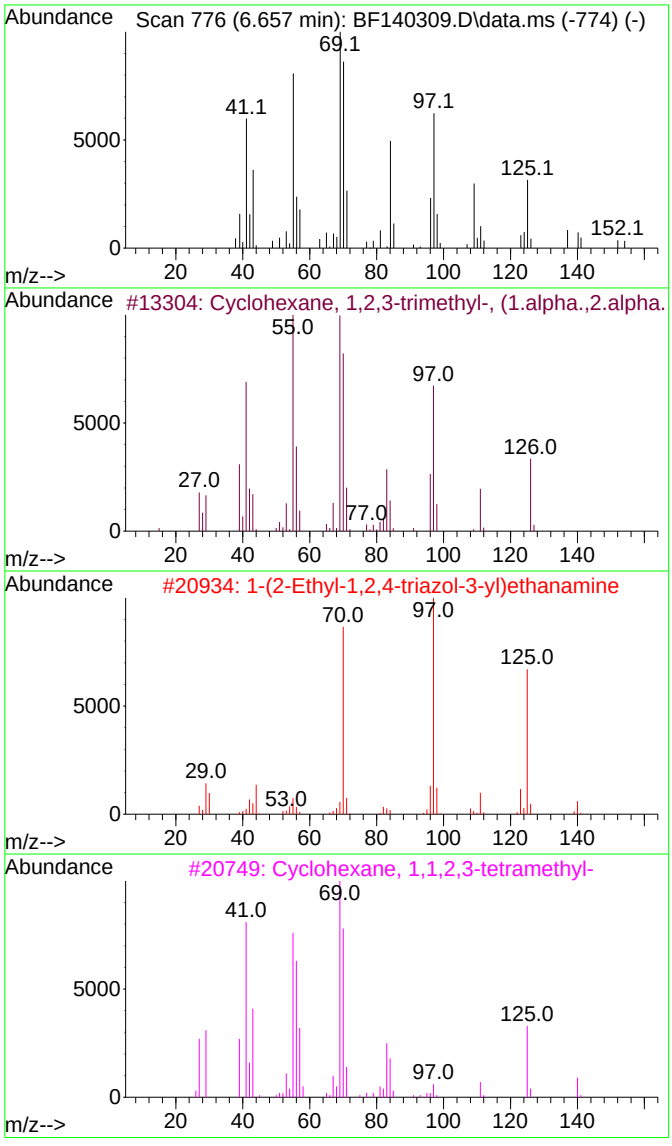
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

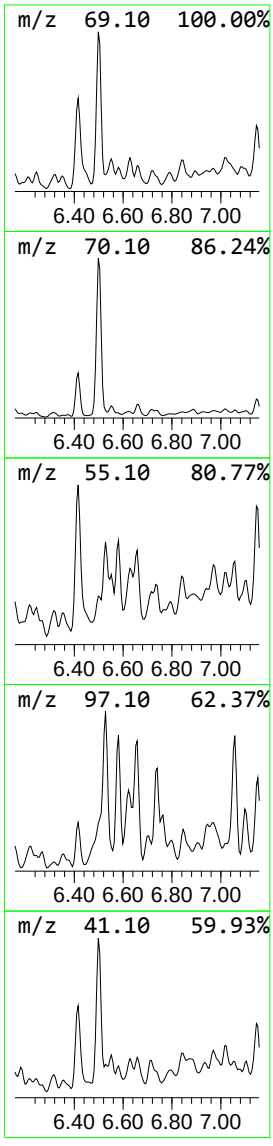
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexane, 1,2,3-trimethy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.657	2.76 ng	103554	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	64
2	1-(2-Ethyl-1,2,4-triazol-3-yl)et...	140	C6H12N4	1015846-51-1	38
3	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	38
4	1,3-Cyclohexanedione, 2,2-dimethyl-	140	C8H12O2	000562-13-0	35
5	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140309.D
Acq On : 08 Nov 2024 19:48
Operator : RC/JU
Sample : P4768-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

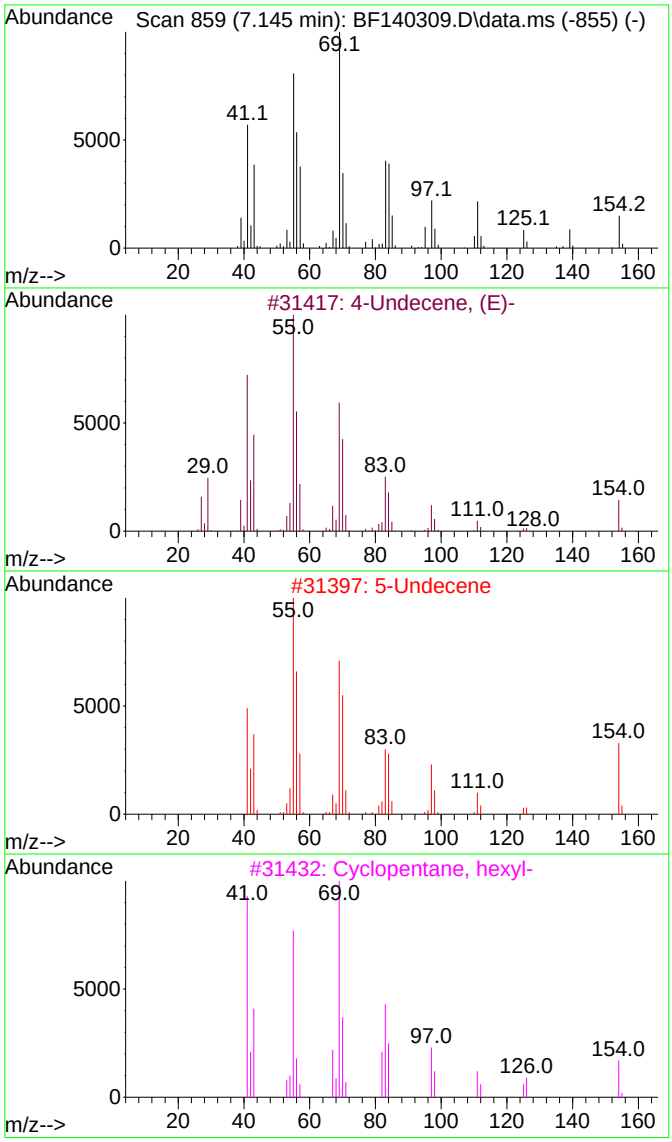
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

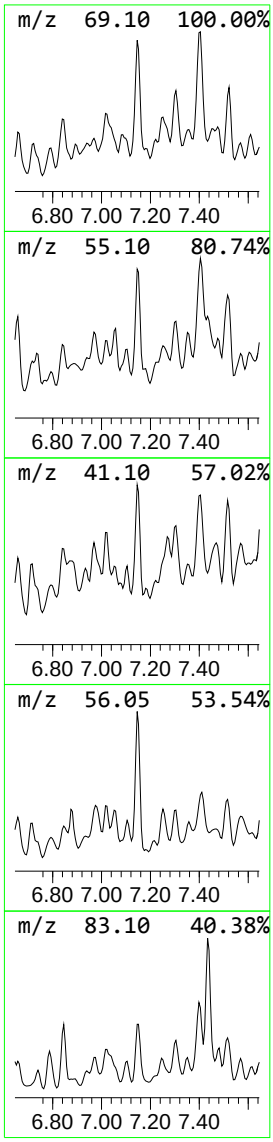
****

Peak Number 8 4-Undecene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.145	5.55 ng	208423	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Undecene, (E)-	154	C11H22	000693-62-9	74
2	5-Undecene	154	C11H22	004941-53-1	72
3	Cyclopentane, hexyl-	154	C11H22	004457-00-5	53
4	Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	010458-14-7	52
5	4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140309.D
Acq On : 08 Nov 2024 19:48
Operator : RC/JU
Sample : P4768-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-1

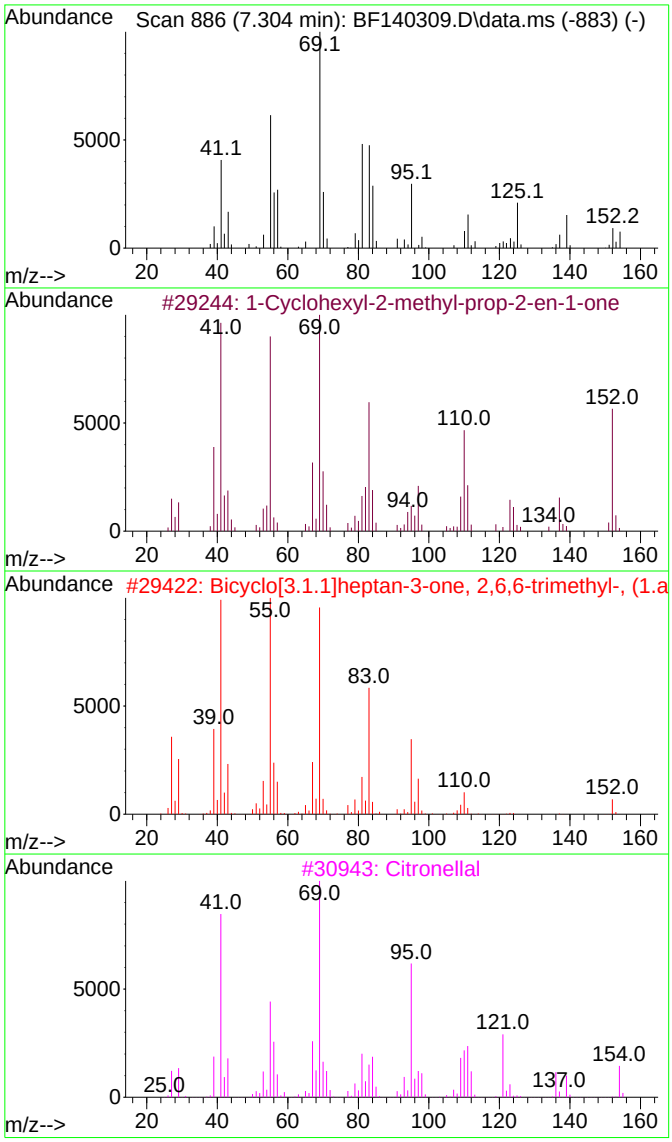
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

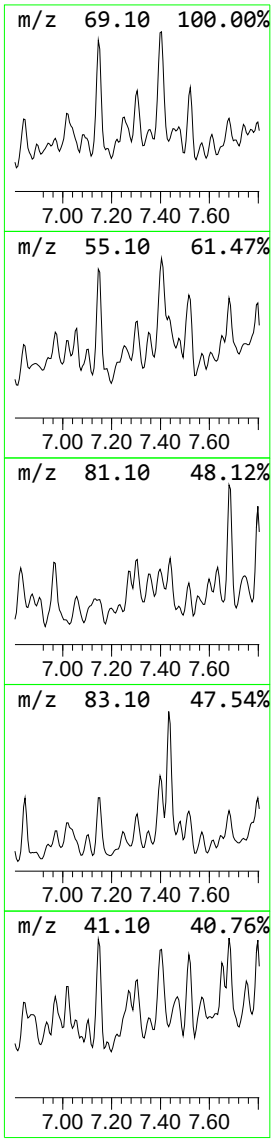
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1-Cyclohexyl-2-methyl-prop-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.304	3.34 ng	125534	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	53
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	47
3	Citronellal	154	C10H18O	000106-23-0	43
4	Heptane, 2-methyl-3-methylene-	126	C9H18	062187-11-5	43
5	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140309.D
Acq On : 08 Nov 2024 19:48
Operator : RC/JU
Sample : P4768-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

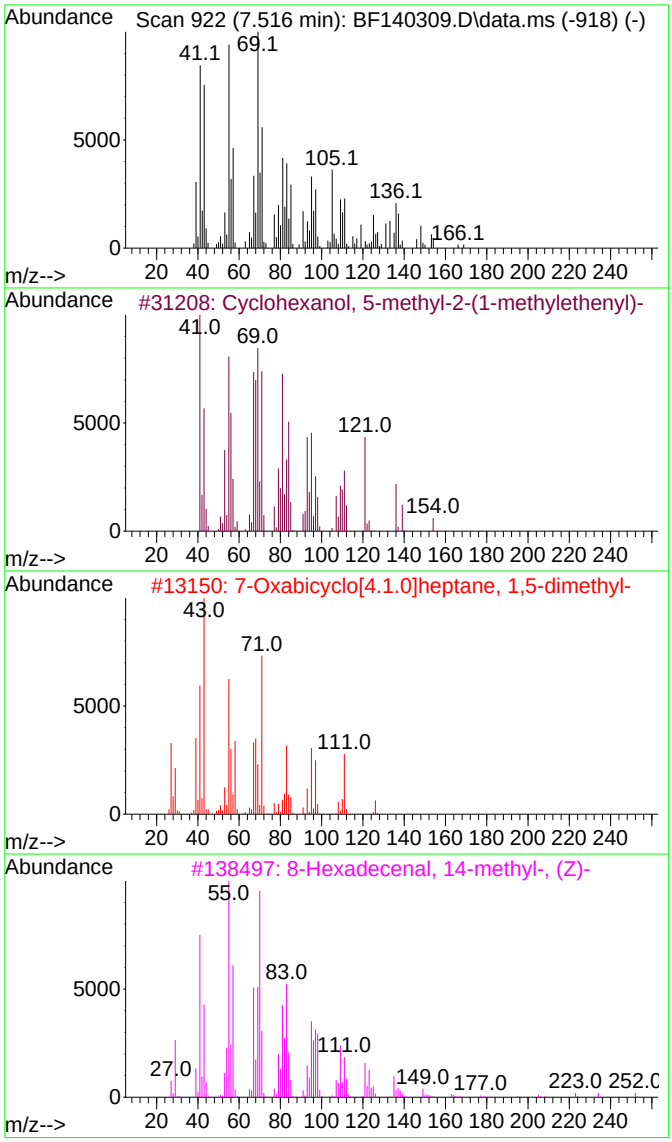
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

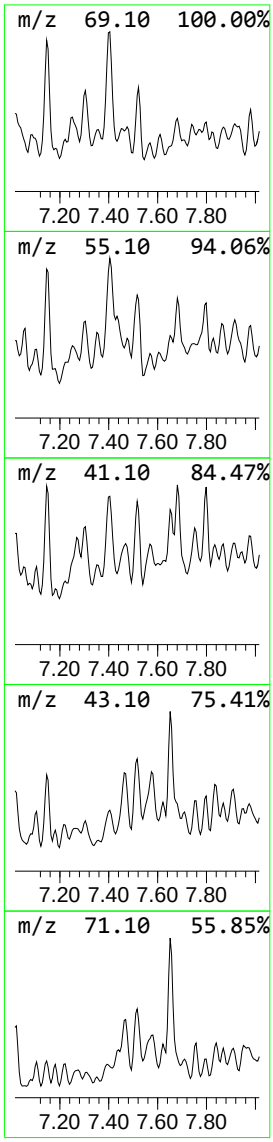
****

Peak Number 10 unknown7.516 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.516	5.30 ng	199194	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 5-methyl-2-(1-meth...	154	C10H18O	007786-67-6	45
2	7-Oxabicyclo[4.1.0]heptane, 1,5-...	126	C8H14O	162239-52-3	42
3	8-Hexadecenal, 14-methyl-, (Z)-	252	C17H32O	060609-53-2	25
4	2,6-Octadien-1-ol, 3,7-dimethyl-...	154	C10H18O	000106-25-2	18
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140309.D
Acq On : 08 Nov 2024 19:48
Operator : RC/JU
Sample : P4768-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

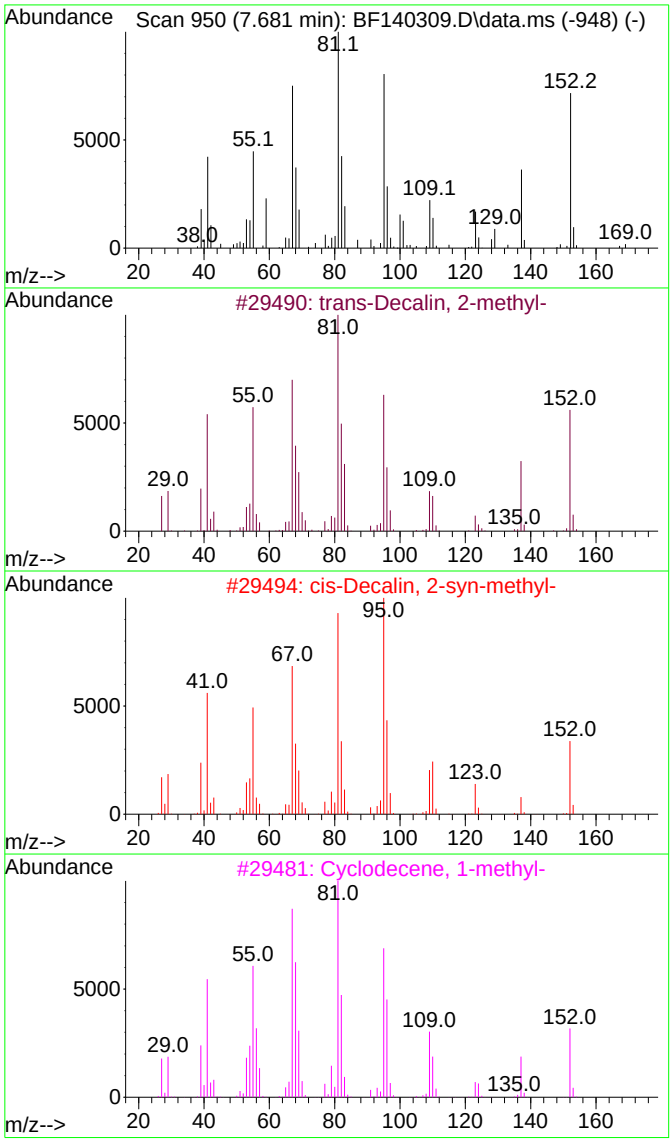
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

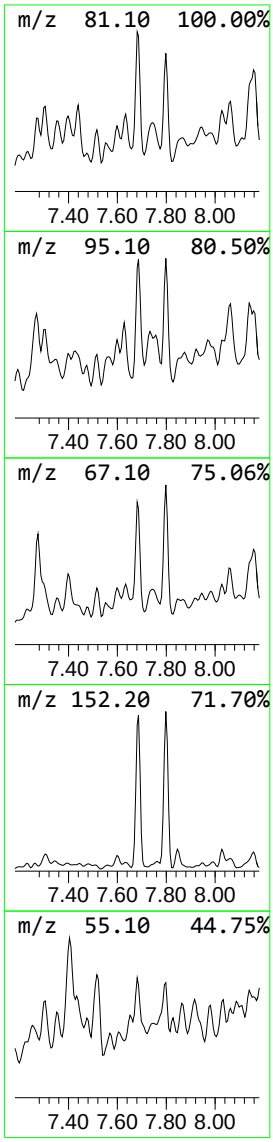
****

Peak Number 11 trans-Decalin, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.681	3.76 ng	177547	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	94
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	80
3	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	80
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	76
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140309.D
Acq On : 08 Nov 2024 19:48
Operator : RC/JU
Sample : P4768-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-1

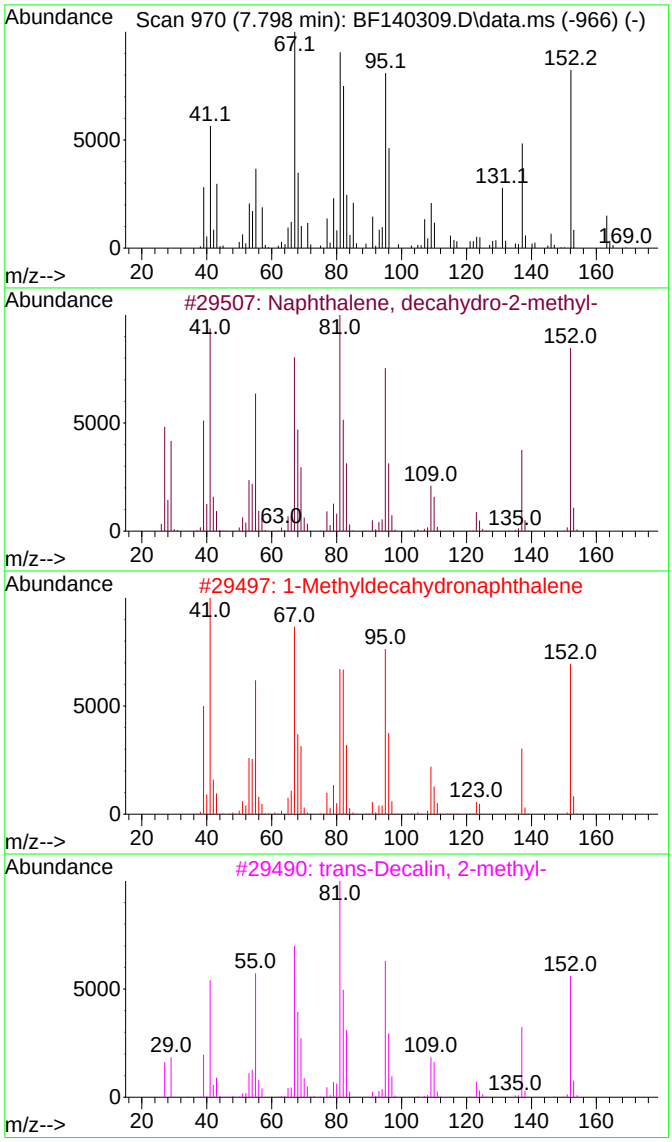
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

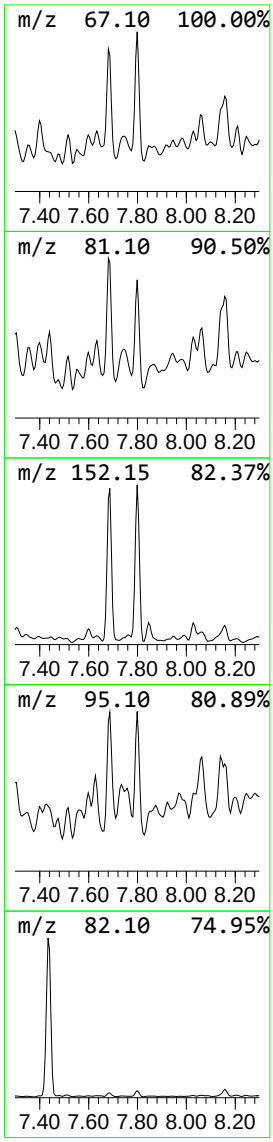
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, decahydro-2-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.798	4.00 ng	188987	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	93
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	68
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64
5	4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140309.D
Acq On : 08 Nov 2024 19:48
Operator : RC/JU
Sample : P4768-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

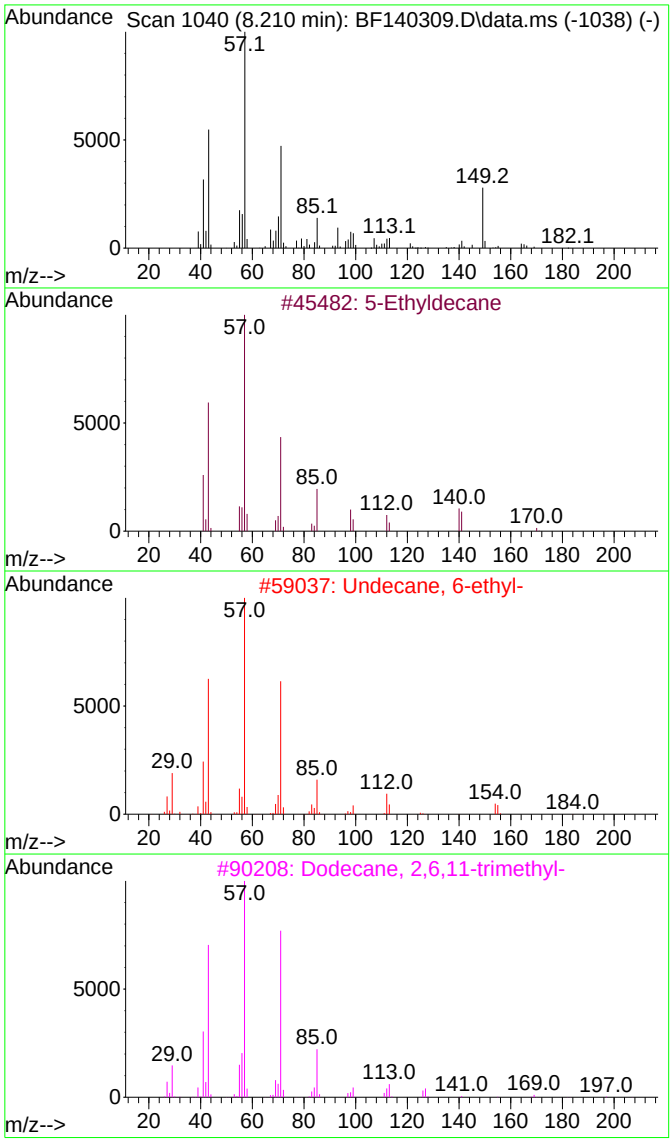
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

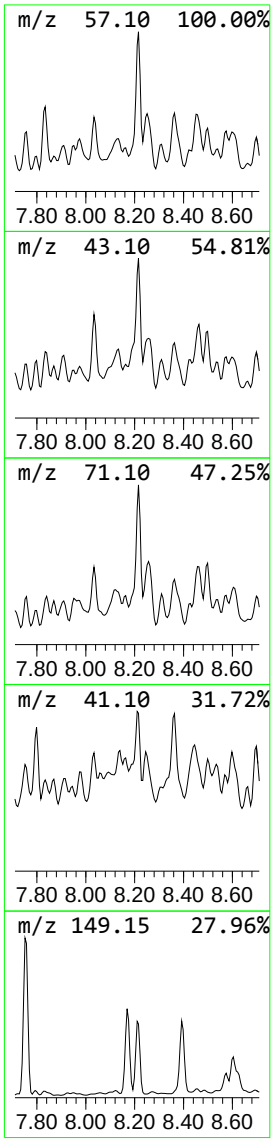
****

Peak Number 13 5-Ethyldecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.210	2.74 ng	129749	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyldecane	170	C12H26	017302-36-2	53
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	50
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	50
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	50
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140309.D
Acq On : 08 Nov 2024 19:48
Operator : RC/JU
Sample : P4768-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

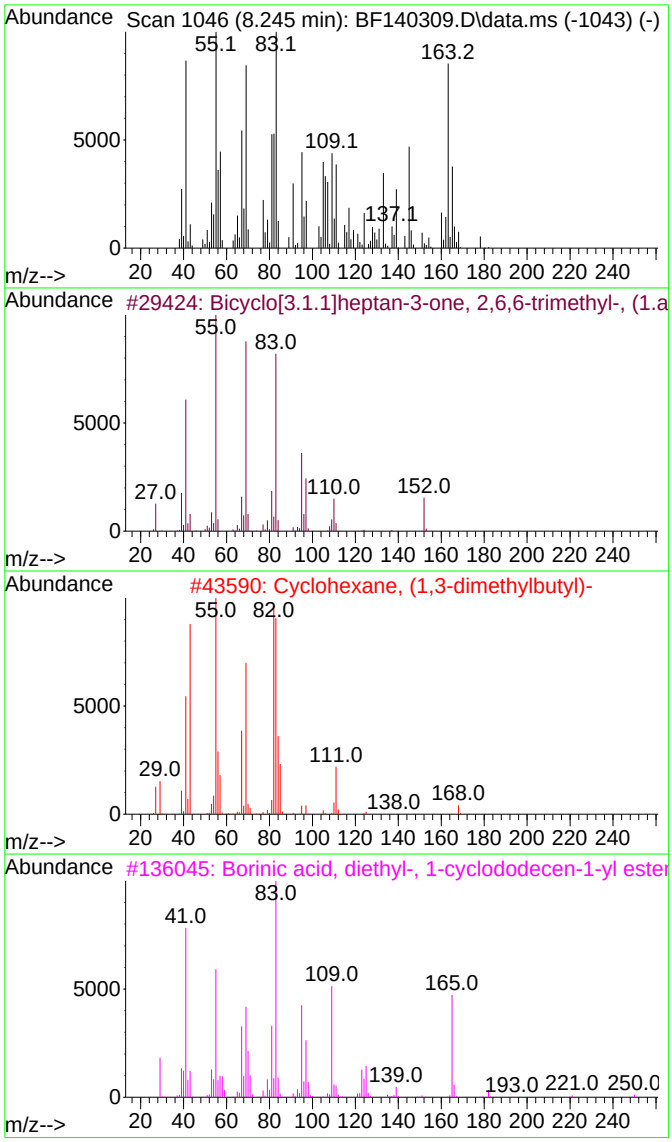
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

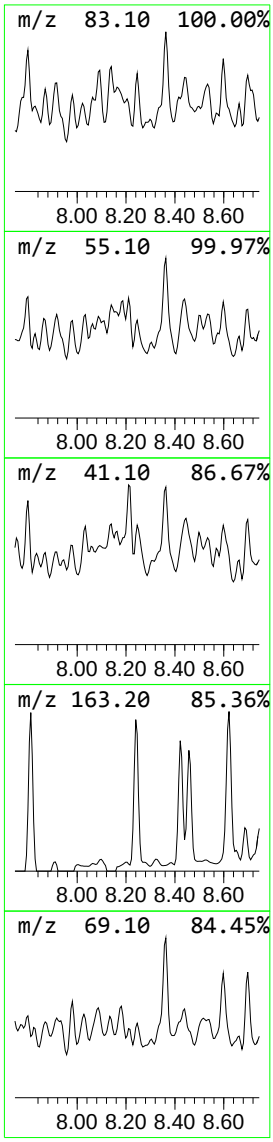
****

Peak Number 14 unknown8.245 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.245	2.73 ng	129060	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	35
2	Cyclohexane, (1,3-dimethylbutyl)-	168	C12H24	061142-19-6	30
3	Borinic acid, diethyl-, 1-cyclod...	250	C16H31BO	061142-73-2	27
4	Cyclohexane, 1,5-diethyl-2,3-dim...	168	C12H24	074663-66-4	27
5	(2,4-Dimethylcyclohexyl)methanol...	142	C9H18O	1000499-02-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140309.D
Acq On : 08 Nov 2024 19:48
Operator : RC/JU
Sample : P4768-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-1

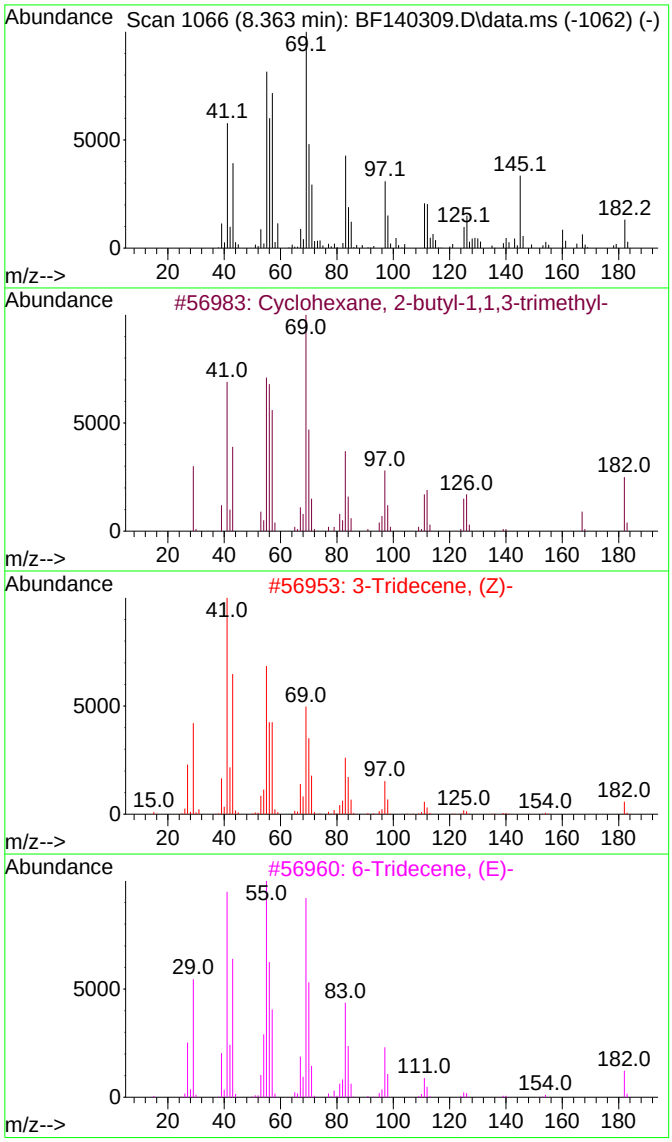
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

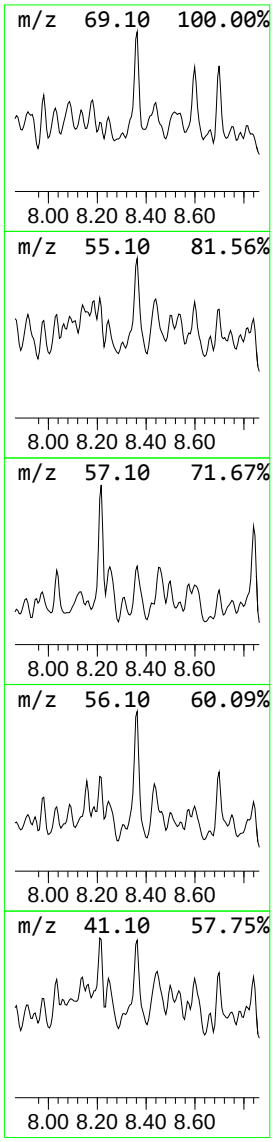
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.363	4.77 ng	225519	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
2	3-Tridecene, (Z)-	182	C13H26	041446-53-1	81
3	6-Tridecene, (E)-	182	C13H26	006434-76-0	76
4	3-Heptafluorobutyroxytridecane	396	C17H27F7O2	1000245-49-5	74
5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140309.D
Acq On : 08 Nov 2024 19:48
Operator : RC/JU
Sample : P4768-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

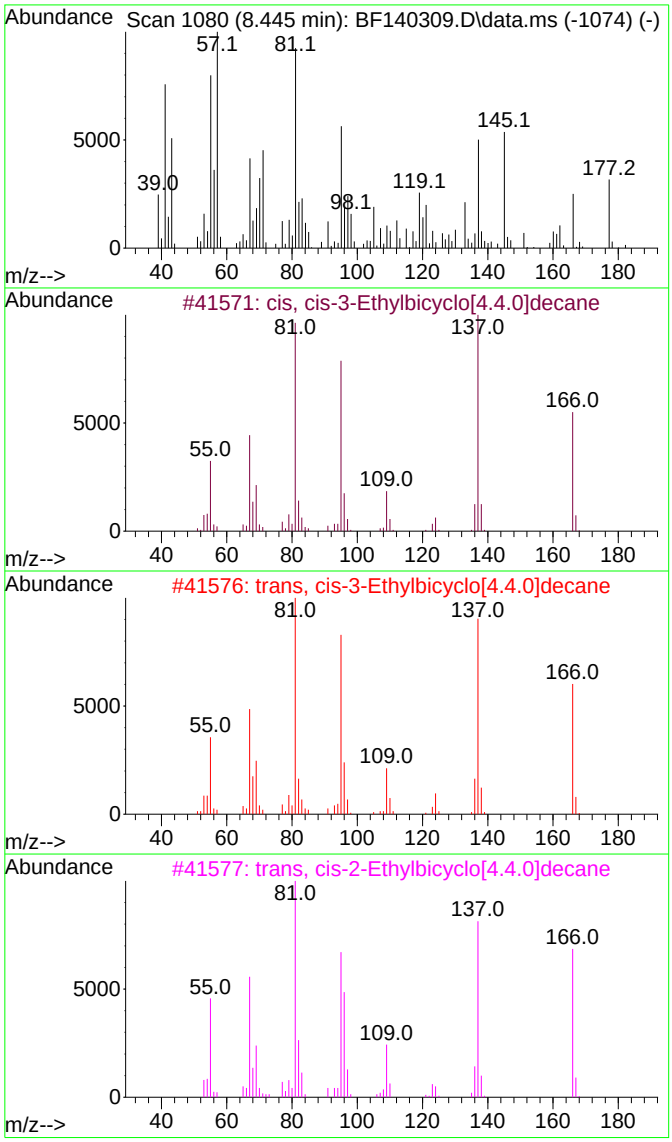
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

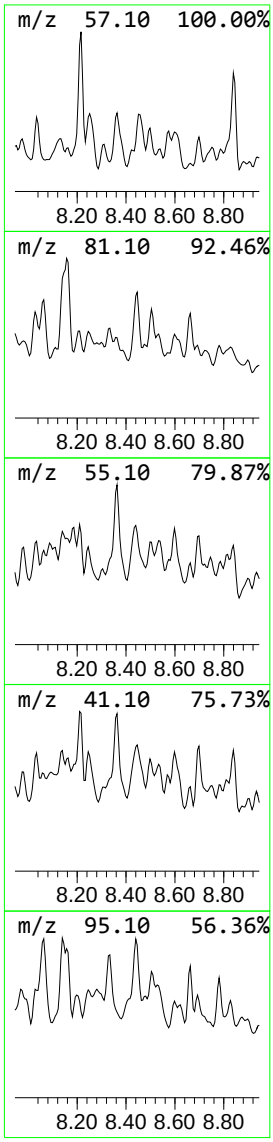
****

Peak Number 16 cis, cis-3-Ethylbicyclo[4.4... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.445	5.09 ng	240507	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	50
2	trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	49
3	trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	49
4	Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	46
5	cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140309.D
Acq On : 08 Nov 2024 19:48
Operator : RC/JU
Sample : P4768-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-1

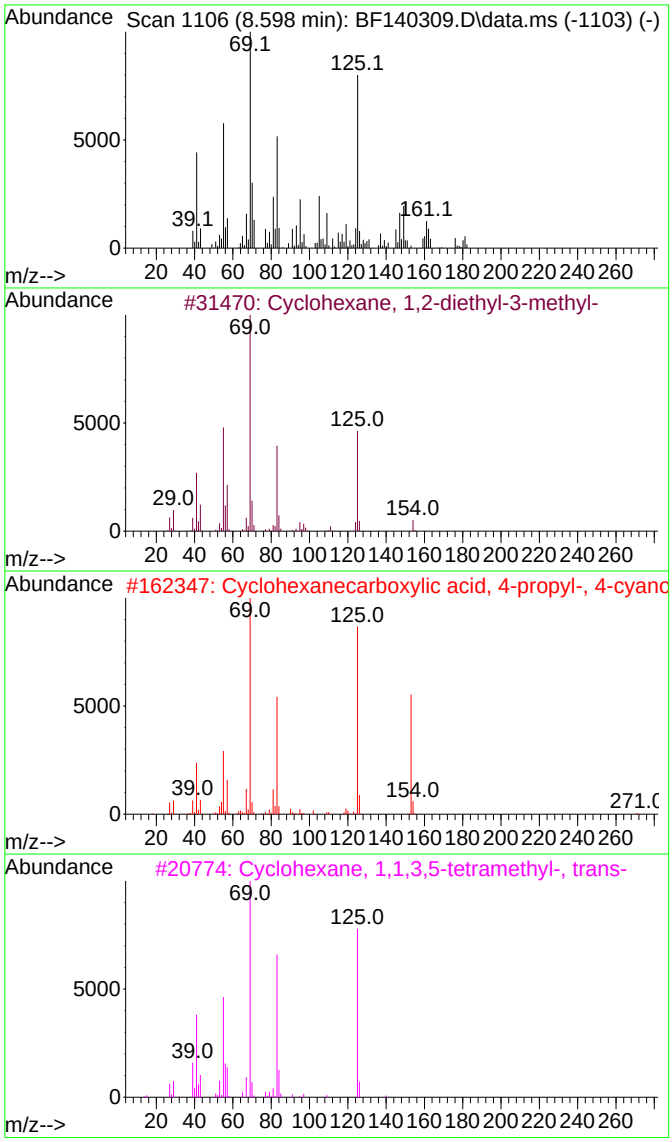
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

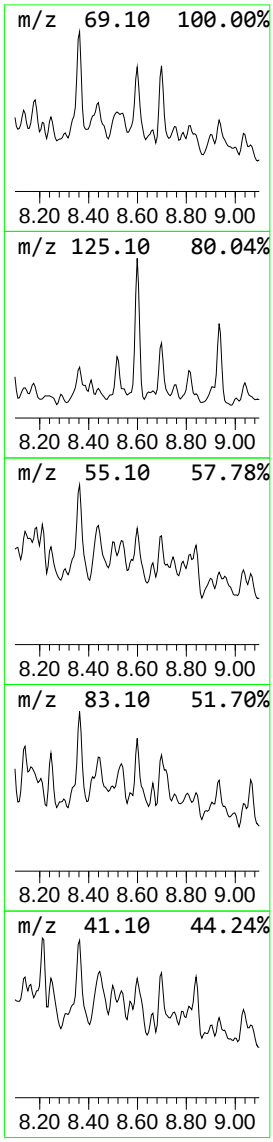
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Cyclohexane, 1,2-diethyl-3-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.598	4.30 ng	203470	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	64
2	Cyclohexanecarboxylic acid, 4-pr...	271	C17H21NO2	062439-33-2	53
3	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	52
4	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	38
5	2-Aminothiazole-5-carbonitrile	125	C4H3N3S	051640-52-9	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140309.D
Acq On : 08 Nov 2024 19:48
Operator : RC/JU
Sample : P4768-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-1

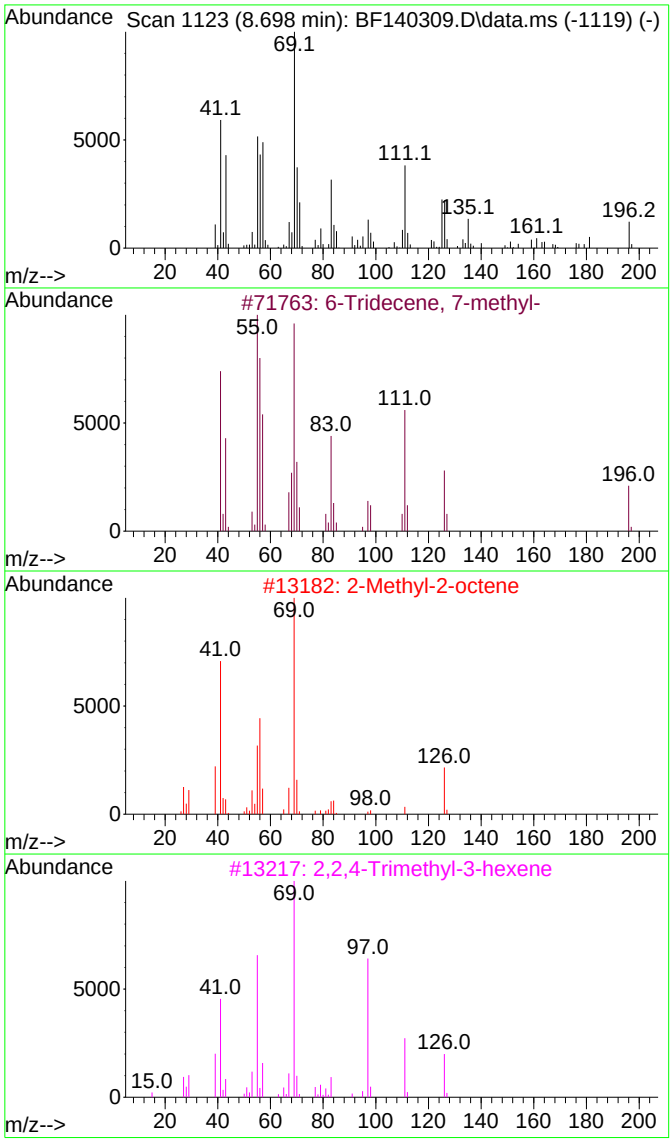
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

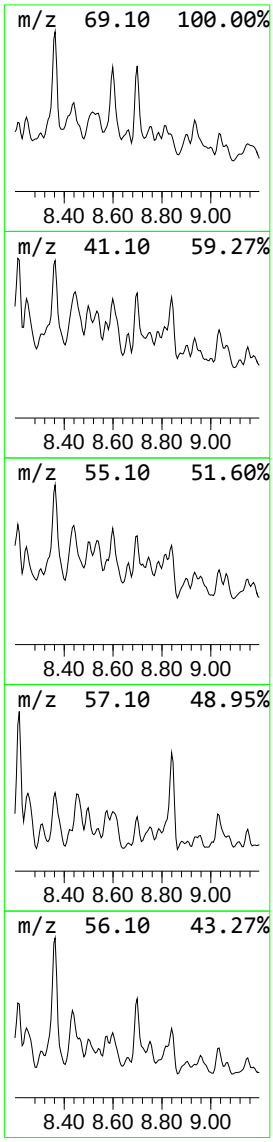
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 6-Tridecene, 7-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.698	2.81 ng	132638	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	70
2	2-Methyl-2-octene	126	C9H18	016993-86-5	46
3	2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	46
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	45
5	2-(Acetylmethylene)tetrahydrofuran	126	C7H10O2	112595-65-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140309.D
Acq On : 08 Nov 2024 19:48
Operator : RC/JU
Sample : P4768-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

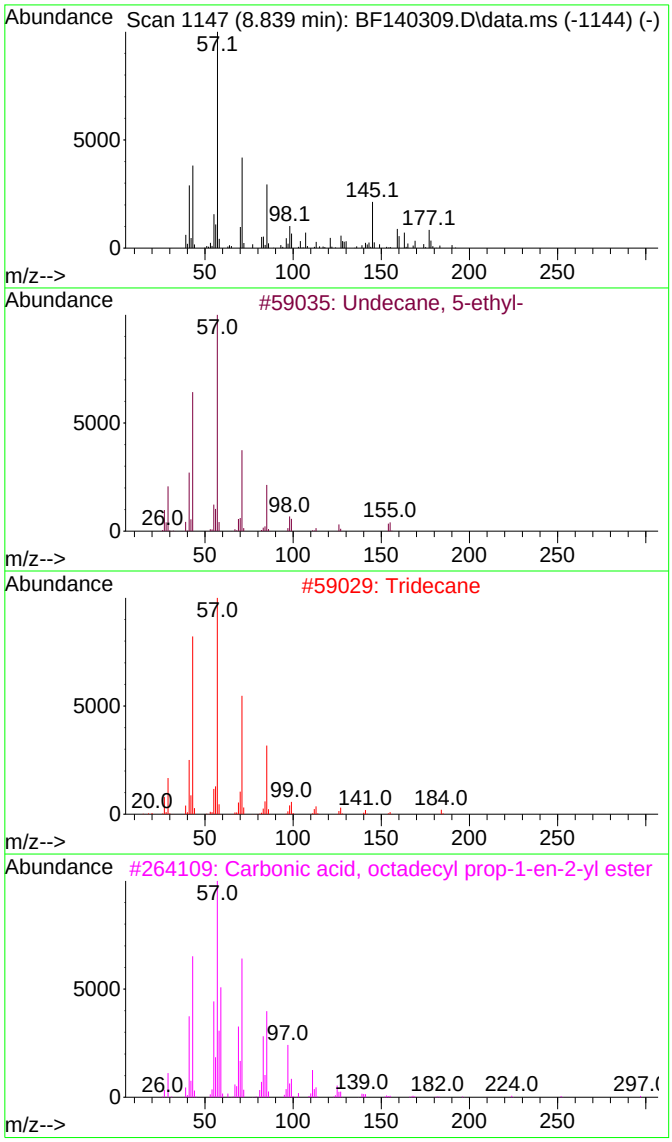
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

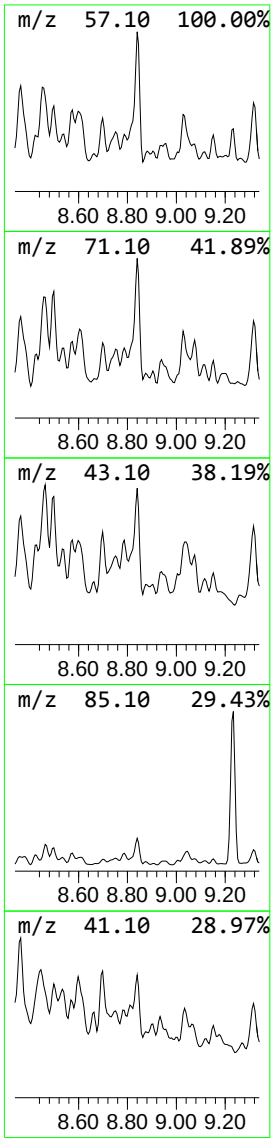
****

Peak Number 19 Undecane, 5-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.839	3.38 ng	159654	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-	184	C13H28	017453-94-0	50
2	Tridecane	184	C13H28	000629-50-5	47
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	43
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	38
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140309.D
Acq On : 08 Nov 2024 19:48
Operator : RC/JU
Sample : P4768-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

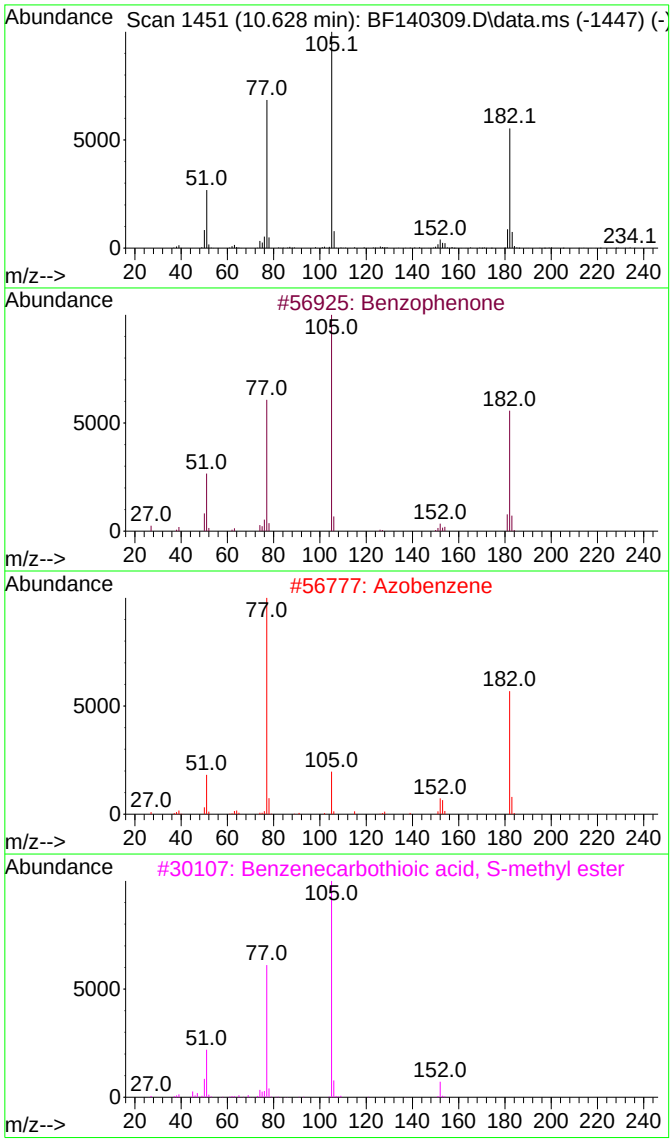
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

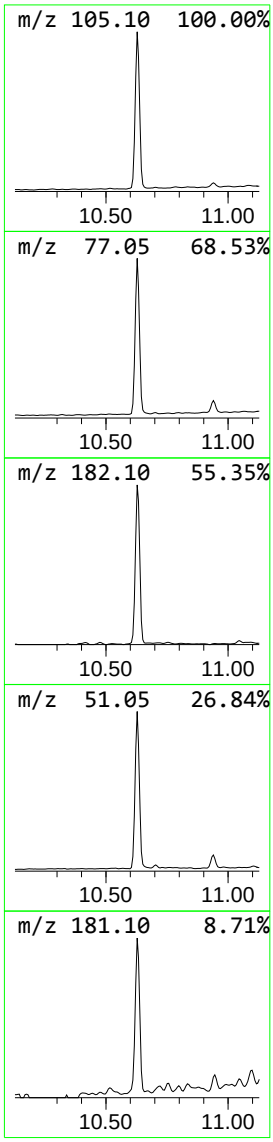
****

Peak Number 20 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	9.60 ng	392782	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	52
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	Benzilamide	227	C14H13NO2	004746-87-6	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140309.D
Acq On : 08 Nov 2024 19:48
Operator : RC/JU
Sample : P4768-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.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...	2.128	40.4	ng	1517740	1	6.881	751543	20.0
unknown5.093	5.093	6.0	ng	224883	1	6.881	751543	20.0
1-Hexene, 3-met...	5.804	3.3	ng	122697	1	6.881	751543	20.0
Cyclohexane, 1,...	5.893	3.8	ng	142869	1	6.881	751543	20.0
2-sec-Butyl-3-m...	6.316	2.4	ng	89985	1	6.881	751543	20.0
4-Nonene, 3-met...	6.416	9.7	ng	362559	1	6.881	751543	20.0
Cyclohexane, 1,...	6.657	2.8	ng	103554	1	6.881	751543	20.0
4-Undecene, (E)-	7.145	5.5	ng	208423	1	6.881	751543	20.0
1-Cyclohexyl-2-...	7.304	3.3	ng	125534	1	6.881	751543	20.0
unknown7.516	7.516	5.3	ng	199194	1	6.881	751543	20.0
trans-Decalin, ...	7.681	3.8	ng	177547	2	8.157	945635	20.0
Naphthalene, de...	7.798	4.0	ng	188987	2	8.157	945635	20.0
5-Ethyldecane	8.210	2.7	ng	129749	2	8.157	945635	20.0
unknown8.245	8.245	2.7	ng	129060	2	8.157	945635	20.0
Cyclohexane, 2-...	8.363	4.8	ng	225519	2	8.157	945635	20.0
cis, cis-3-Ethy...	8.445	5.1	ng	240507	2	8.157	945635	20.0
Cyclohexane, 1,...	8.598	4.3	ng	203470	2	8.157	945635	20.0
6-Tridecene, 7-...	8.698	2.8	ng	132638	2	8.157	945635	20.0
Undecane, 5-ethyl-	8.839	3.4	ng	159654	2	8.157	945635	20.0
Benzophenone	10.628	9.6	ng	392782	3	9.916	818146	20.0