LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
Data File : BM032400.D
Acq On : 08 Oct 2021 19:18
Operator : CG/JU
Sample : M4144-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : IDW-LIQ-COMP-100721

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_M\Methods\8270-BM100221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM032400.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.731	310	322	326	rVV	11043895	30020401	61.78%	12.313%
2	5.101	379	385	392	rVB	858459	1124542	2.31%	0.461%
3	5.484	446	450	458	rVB2	1005355	1515138	3.12%	0.621%
4	5.725	477	491	495	rBV	9622719	25328820	52.13%	10.388%
5	6.125	550	559	562	rBV	943723	1515455	3.12%	0.622%
6	6.166	562	566	570	rVV	3018472	4860438	10.00%	1.993%
7	6.207	570	573	579	rVB	2717069	3431192	7.06%	1.407%
8	6.325	587	593	597	rBV	1866096	2570793	5.29%	1.054%
9	6.366	597	600	605	rVB	385022	505838	1.04%	0.207%
10	6.725	655	661	671	rBV	1902117	2794950	5.75%	1.146%
11	7.078	717	721	727	rVB2	455737	642407	1.32%	0.263%
12	7.454	773	785	797	rVB2	275604	553646	1.14%	0.227%
13	7.613	805	812	818	rBV	1441263	2260021	4.65%	0.927%
14	7.701	818	827	837	rVV	2429172	4902668	10.09%	2.011%
15	7.807	837	845	846	rVV3	243324	604190	1.24%	0.248%
16	7.913	847	863	871	rVB	14034971	48589385	100.00%	19.929%
17	8.436	945	952	958	rVB	409682	691604	1.42%	0.284%
18	8.672	983	992	996	rBV2	347916	543448	1.12%	0.223%
19	8.772	996	1009	1016	rVV	4432530	7715837	15.88%	3.165%
20	9.101	1056	1065	1069	rBV	365869	719542	1.48%	0.295%
21	9.278	1088	1095	1099	rBV3	349565	714395	1.47%	0.293%
22	9.336	1102	1105	1112	rVB	372333	596415	1.23%	0.245%
23	9.936	1202	1207	1220	rVB	332032	518727	1.07%	0.213%
24	10.178	1241	1248	1254	rBV	1113658	1723883	3.55%	0.707%
25	10.401	1279	1286	1292	rVV	1916632	3190631	6.57%	1.309%
26	10.666	1326	1331	1341	rVB	894195	1598810	3.29%	0.656%
27	10.754	1341	1346	1351	rBV	341955	544968	1.12%	0.224%
28	12.642	1654	1667	1674	rBV	1369827	2022352	4.16%	0.829%
29	12.724	1675	1681	1686	rVV	858130	1212702	2.50%	0.497%
30	12.883	1700	1708	1720	rBV	9137248	14200160	29.22%	5.824%
31	13.166	1750	1756	1762	rVB2	331381	526874	1.08%	0.216%
32	13.795	1857	1863	1875	rBV	390928	665747	1.37%	0.273%
33	14.260	1936	1942	1949	rBV	2691578	3929735	8.09%	1.612%
34	14.995	2062	2067	2075	rVB	628865	825279	1.70%	0.338%
35	15.465	2142	2147	2151	rBV	612353	741392	1.53%	0.304%
36	16.148	2258	2263	2276	rVB4	263332	538195	1.11%	0.221%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
Data File : BM032400.D
Acq On : 08 Oct 2021 19:18
Operator : CG/JU
Sample : M4144-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : IDW-LIQ-COMP-100721

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_M\Methods\8270-BM100221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.748	2360	2365	2368	rVV	399023	540844	1.11%	0.222%
38	16.783	2368	2371	2379	rVB	674916	844291	1.74%	0.346%
39	16.989	2400	2406	2411	rBV	2869673	3936476	8.10%	1.615%
40	17.283	2451	2456	2463	rBV2	914513	1501017	3.09%	0.616%
41	19.089	2759	2763	2773	rVB	1213077	1358414	2.80%	0.557%
42	19.483	2827	2830	2841	rVB	464489	565656	1.16%	0.232%
43	19.606	2845	2851	2859	rVB	10914703	14622692	30.09%	5.997%
44	20.406	2978	2987	2991	rBV2	16658434	38901206	80.06%	15.955%
45	20.700	3033	3037	3040	rBV	677680	741976	1.53%	0.304%
46	21.153	3109	3114	3118	rBV	2640244	3160195	6.50%	1.296%
47	21.277	3132	3135	3145	rVB	351367	534533	1.10%	0.219%
48	23.294	3473	3478	3487	rVB2	1548861	2669295	5.49%	1.095%

Sum of corrected areas: 243817175

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
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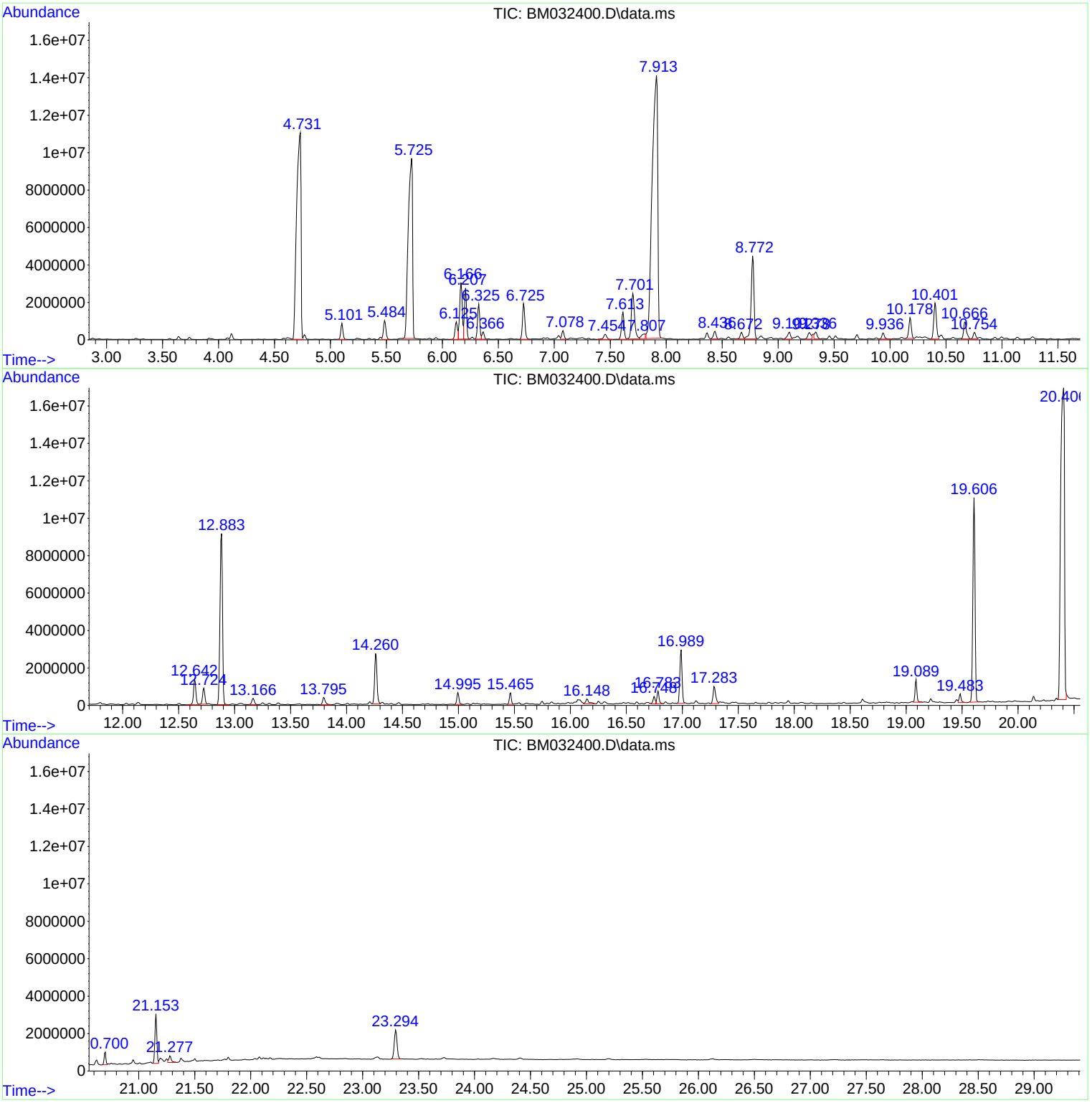
Acq On : 08 Oct 2021 19:18
Operator : CG/JU
Sample : M4144-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IDW-LIQ-COMP-100721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.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_M\Data\BM100921\
Data File : BM032400.D
Acq On : 08 Oct 2021 19:18
Operator : CG/JU
Sample : M4144-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IDW-LIQ-COMP-100721

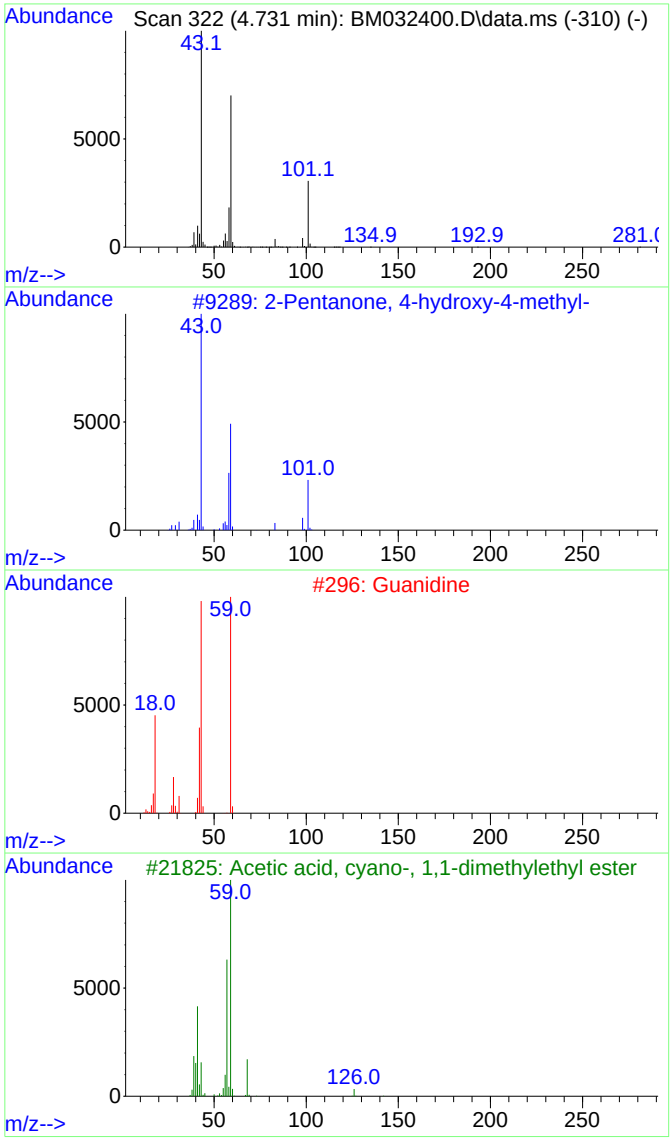
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

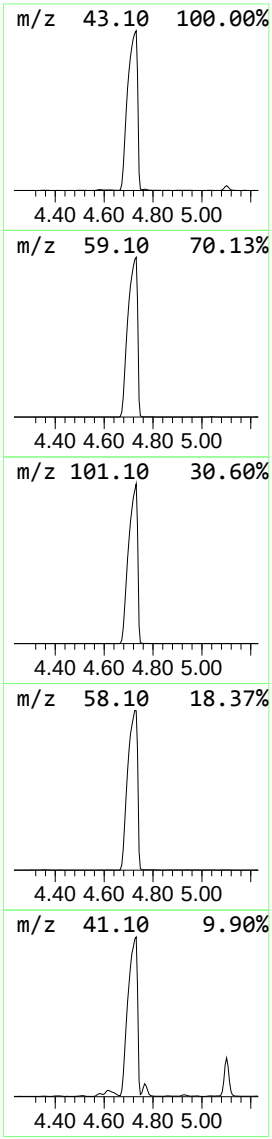
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.731	265.67 ng	30020400	1,4-Dichlorobenzene-d4	7.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Guanidine	59	CH5N3	000113-00-8	43
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Acetone	58	C3H6O	000067-64-1	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
Data File : BM032400.D
Acq On : 08 Oct 2021 19:18
Operator : CG/JU
Sample : M4144-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : IDW-LIQ-COMP-100721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

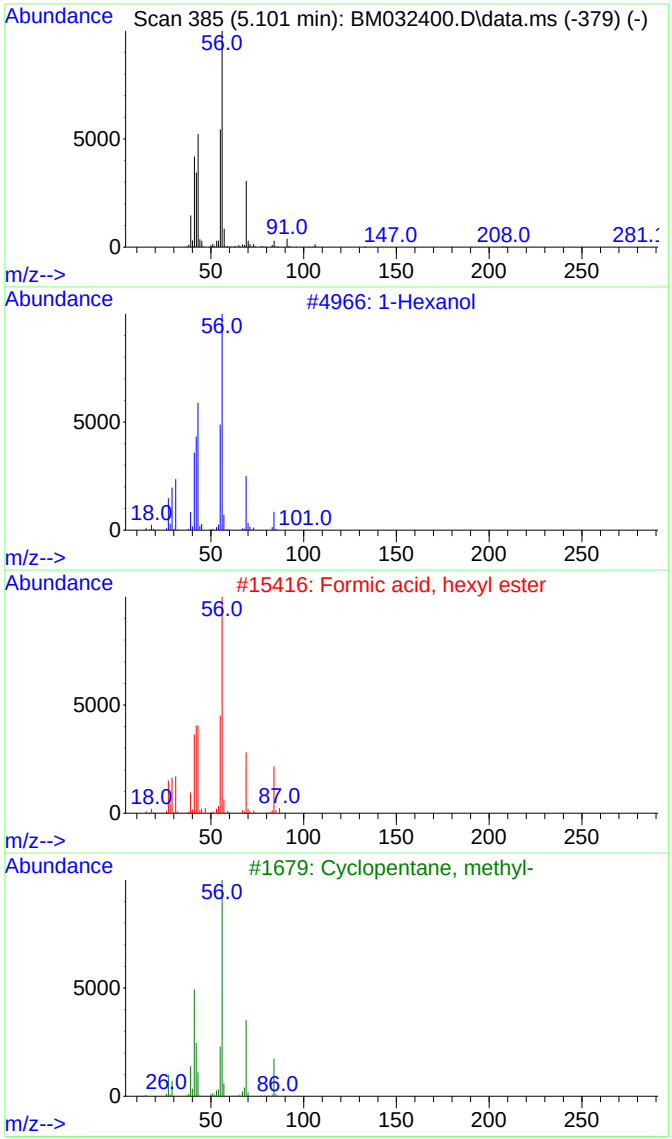
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

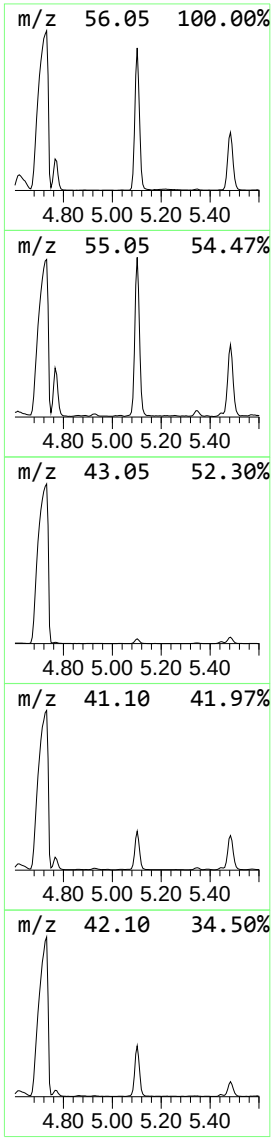
****

Peak Number 2 1-Hexanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.101	9.95 ng	1124540	1,4-Dichlorobenzene-d4	7.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol	102	C6H14O	000111-27-3	83
2	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	78
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
4	1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	64
5	Cyclopropane, propyl-	84	C6H12	002415-72-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
Data File : BM032400.D
Acq On : 08 Oct 2021 19:18
Operator : CG/JU
Sample : M4144-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IDW-LIQ-COMP-100721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

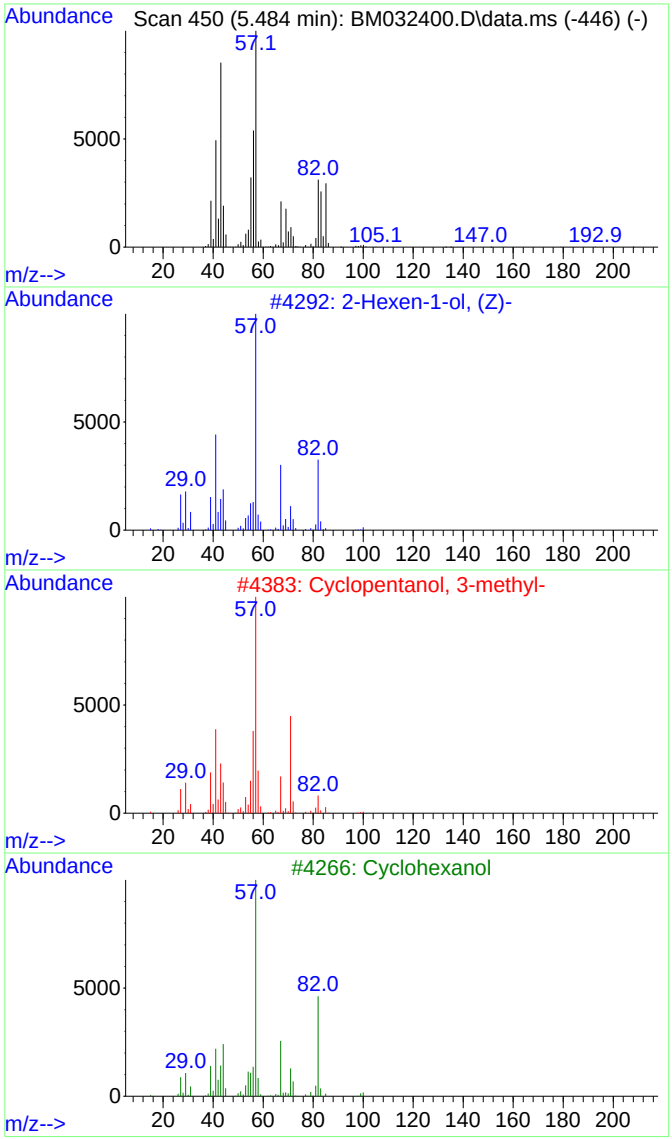
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

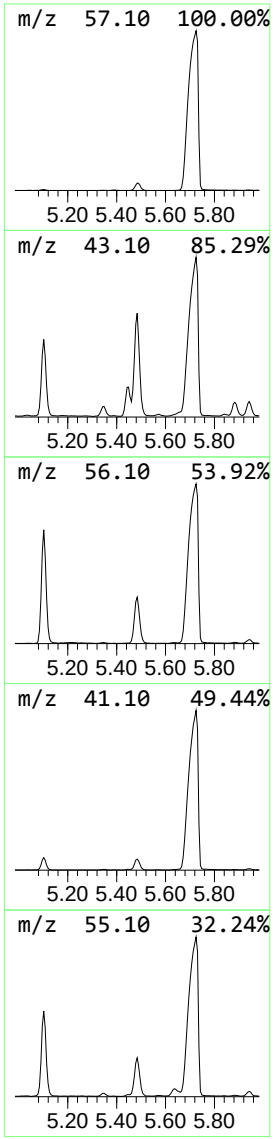
****

Peak Number 3 2-Hexen-1-ol, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.484	13.41 ng	1515140	1,4-Dichlorobenzene-d4	7.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	53
2	Cyclopentanol, 3-methyl-	100	C6H12O	018729-48-1	47
3	Cyclohexanol	100	C6H12O	000108-93-0	45
4	2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	43
5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
Data File : BM032400.D
Acq On : 08 Oct 2021 19:18
Operator : CG/JU
Sample : M4144-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IDW-LIQ-COMP-100721

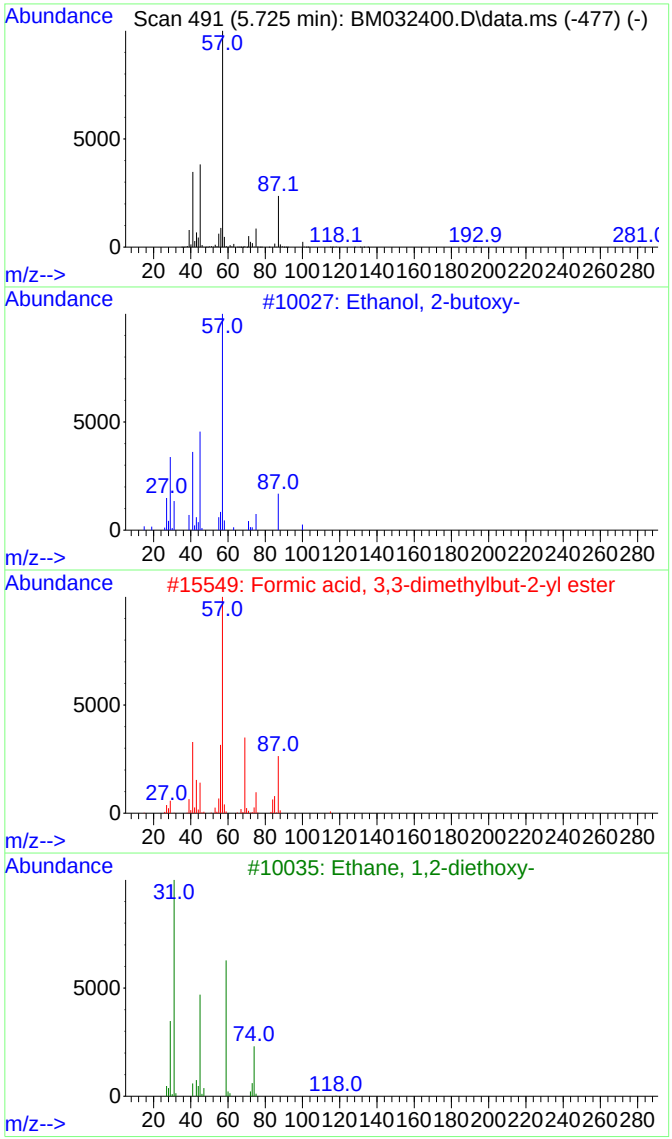
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

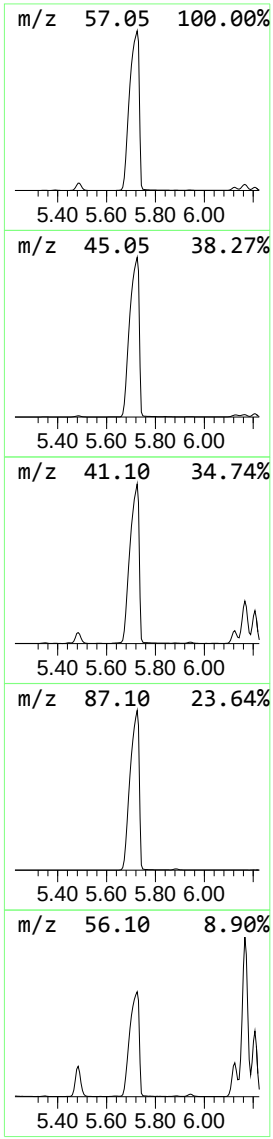
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ethanol, 2-butoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.725	224.15 ng	25328800	1,4-Dichlorobenzene-d4	7.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2	Formic acid, 3,3-dimethylbut-2-y...	130	C7H14O2	1000368-20-5	72
3	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	27
4	n-Butyl ether	130	C8H18O	000142-96-1	25
5	Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
Data File : BM032400.D
Acq On : 08 Oct 2021 19:18
Operator : CG/JU
Sample : M4144-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : IDW-LIQ-COMP-100721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

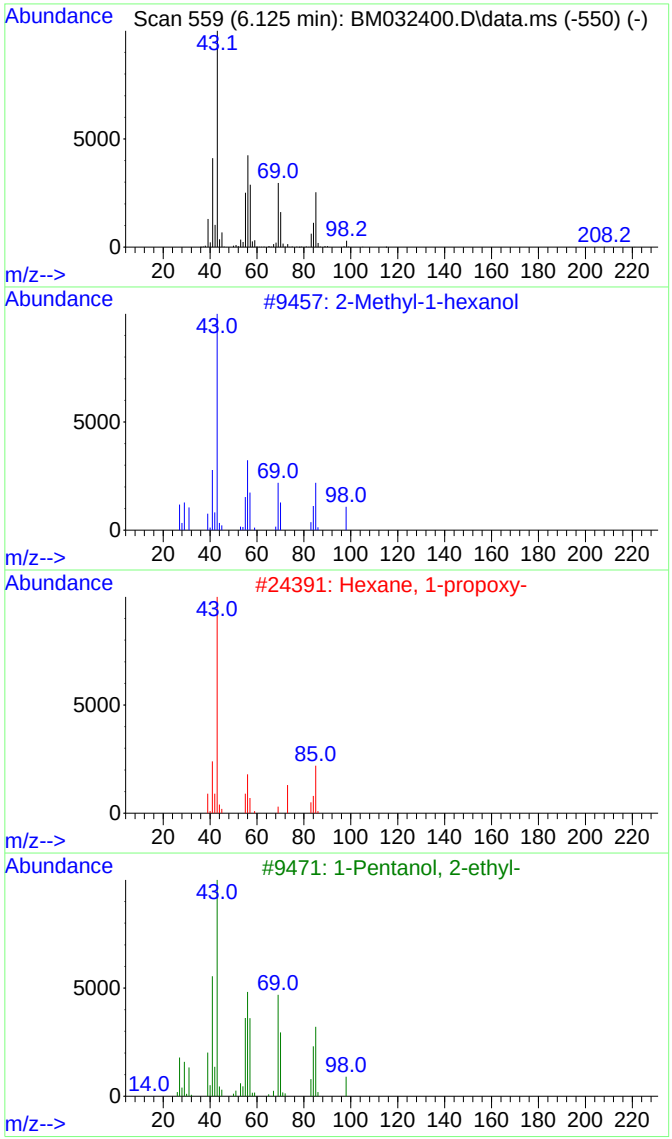
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

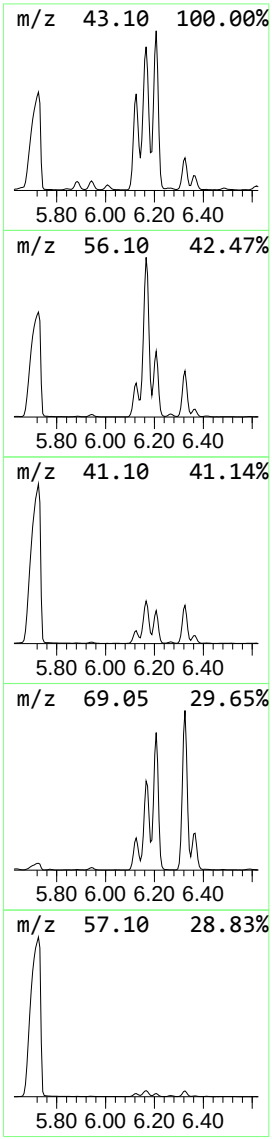
****

Peak Number 5 2-Methyl-1-hexanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.125	13.41 ng	1515460	1,4-Dichlorobenzene-d4	7.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-hexanol	116	C7H16O	1000427-67-0	90
2	Hexane, 1-propoxy-	144	C9H20O	053685-78-2	72
3	1-Pentanol, 2-ethyl-	116	C7H16O	027522-11-8	64
4	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	53
5	1-Pentanol, 2,3-dimethyl-	116	C7H16O	010143-23-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
Data File : BM032400.D
Acq On : 08 Oct 2021 19:18
Operator : CG/JU
Sample : M4144-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IDW-LIQ-COMP-100721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

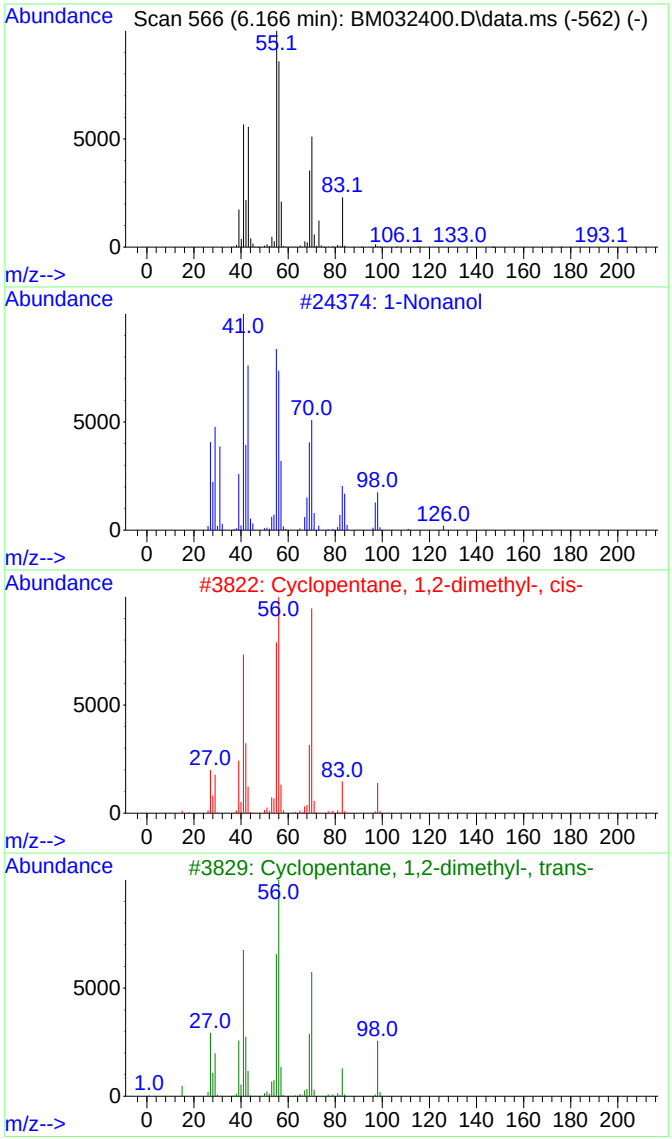
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

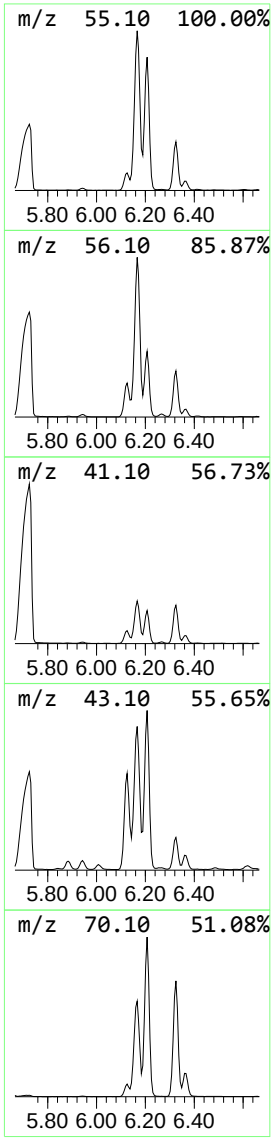
****

Peak Number 6 1-Nonanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.166	43.01 ng	4860440	1,4-Dichlorobenzene-d4	7.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonanol	144	C9H20O	000143-08-8	72
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	64
4	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	56
5	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
Data File : BM032400.D
Acq On : 08 Oct 2021 19:18
Operator : CG/JU
Sample : M4144-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : IDW-LIQ-COMP-100721

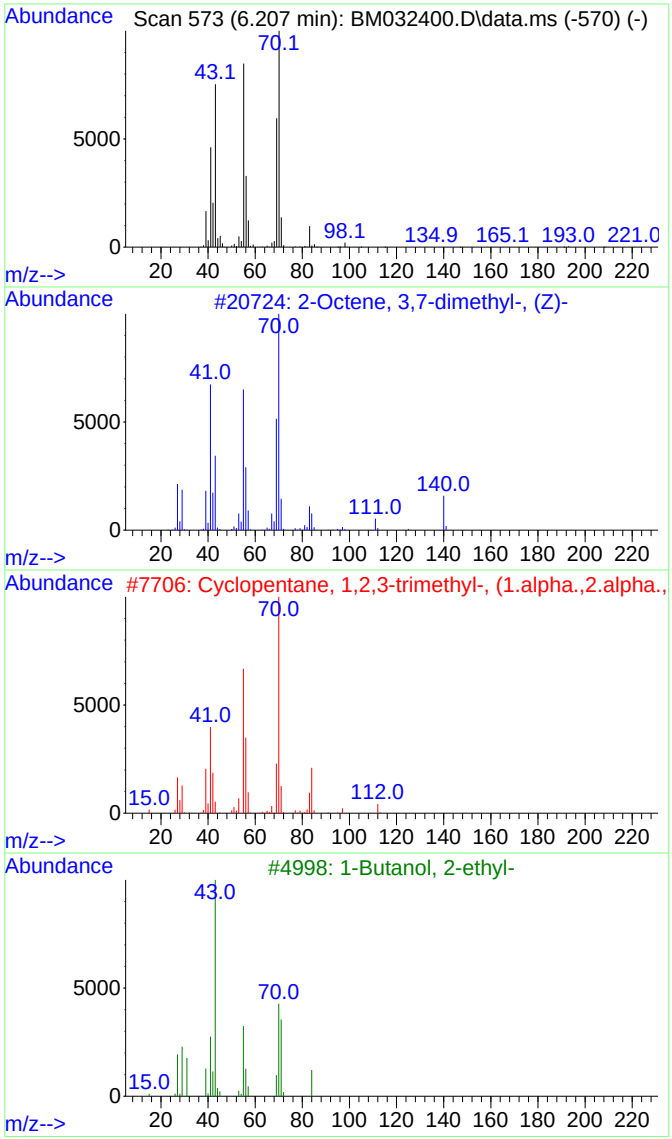
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

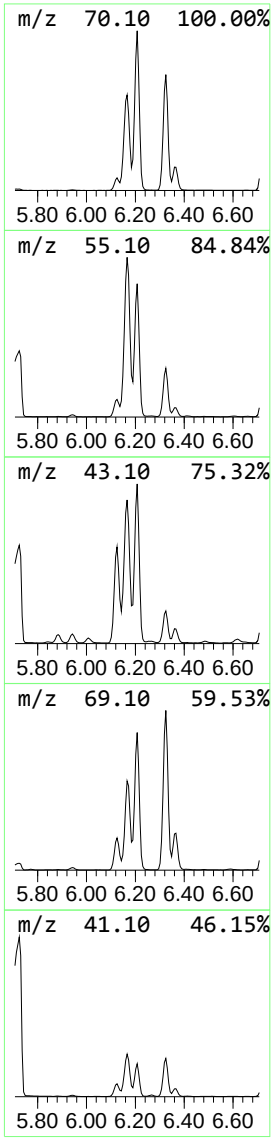
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2-Octene, 3,7-dimethyl-, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.207	30.36 ng	3431190	1,4-Dichlorobenzene-d4	7.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 3,7-dimethyl-, (Z)-	140	C10H20	006874-32-4	72
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	72
3	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	59
4	Heptane, 3-methylene-	112	C8H16	001632-16-2	59
5	4-Decene, 8-methyl-, (E)-	154	C11H22	062338-50-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
Data File : BM032400.D
Acq On : 08 Oct 2021 19:18
Operator : CG/JU
Sample : M4144-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IDW-LIQ-COMP-100721

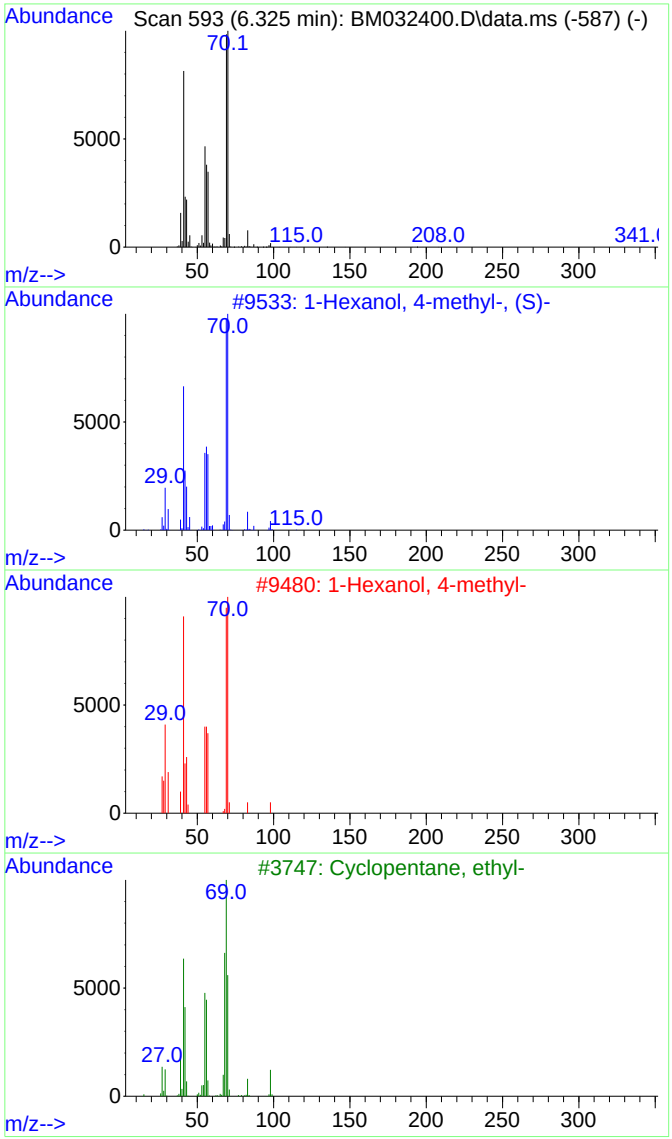
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

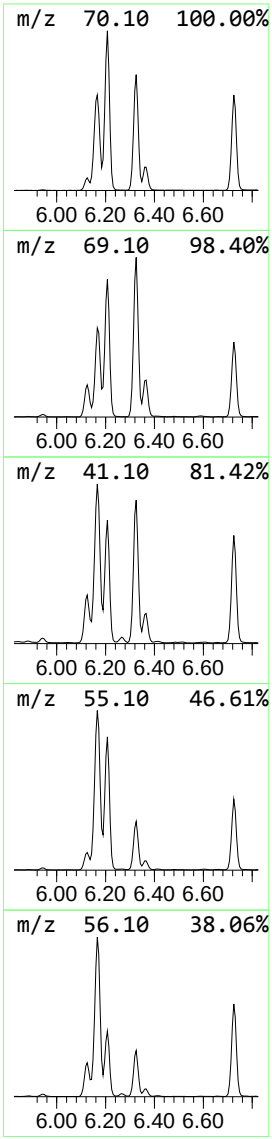
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1-Hexanol, 4-methyl-, (S)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.325	22.75 ng	2570790	1,4-Dichlorobenzene-d4	7.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 4-methyl-, (S)-	116	C7H16O	001767-46-0	86
2	1-Hexanol, 4-methyl-	116	C7H16O	000818-49-5	78
3	Cyclopentane, ethyl-	98	C7H14	001640-89-7	38
4	Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	38
5	1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	33





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Operator : CG/JU
Sample : M4144-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : IDW-LIQ-COMP-100721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.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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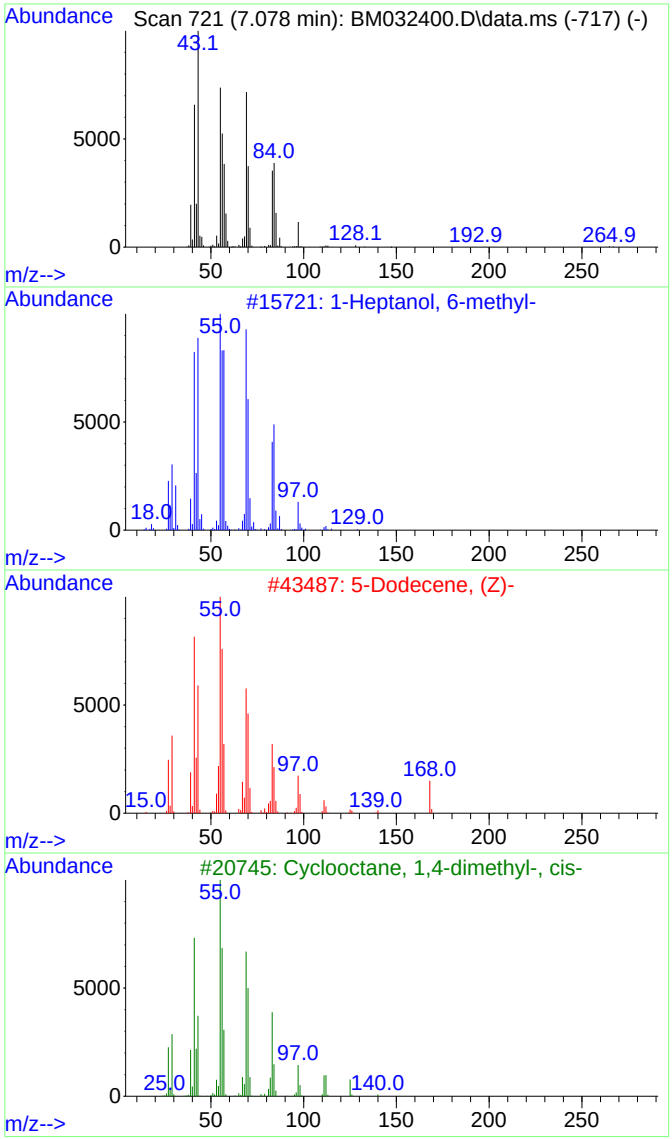
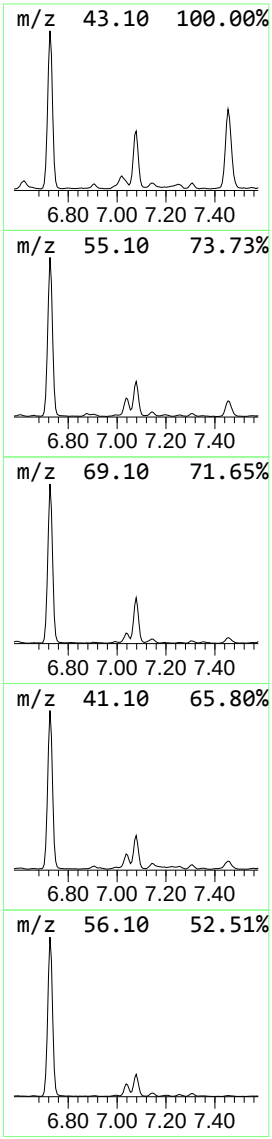
Peak Number 9 1-Heptanol, 6-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.078	5.68 ng	642407	1,4-Dichlorobenzene-d4	7.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptanol, 6-methyl-	130	C8H18O	001653-40-3	72
2	5-Dodecene, (Z)-	168	C12H24	007206-28-2	59
3	Cyclooctane, 1,4-dimethyl-, cis-	140	C10H20	013151-99-0	59
4	Cyclopropane, octyl-	154	C11H22	001472-09-9	59
5	Pentafluoropropionic acid, octyl...	276	C11H17F5O2	001867-95-4	59





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Instrument :
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ClientSampleId :
IDW-LIQ-COMP-100721

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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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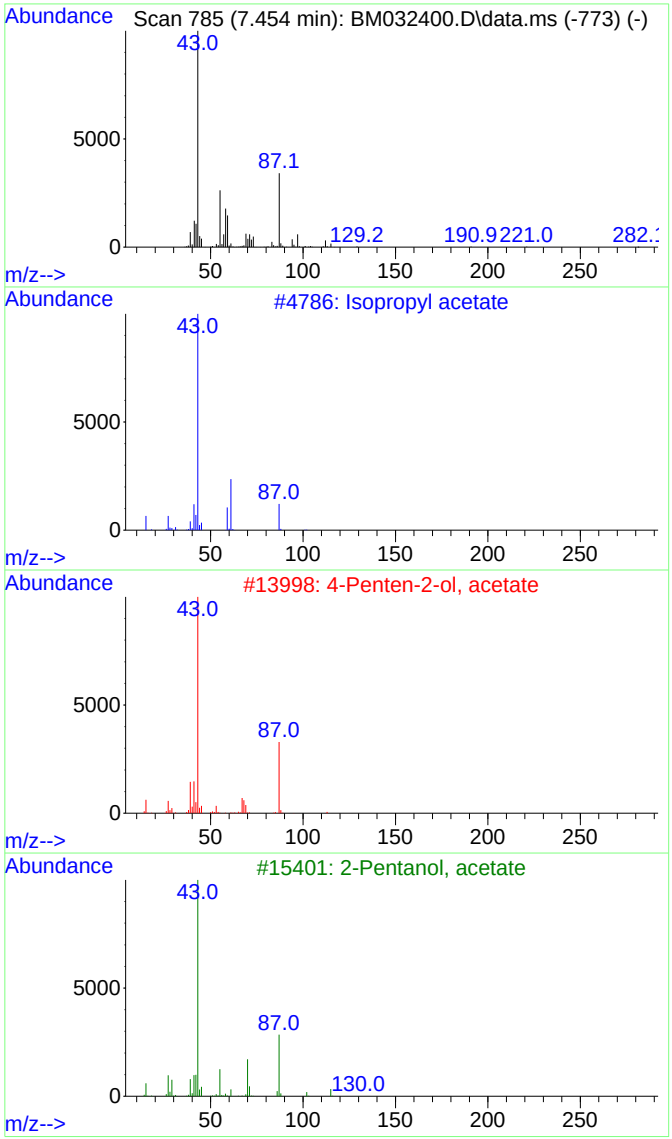
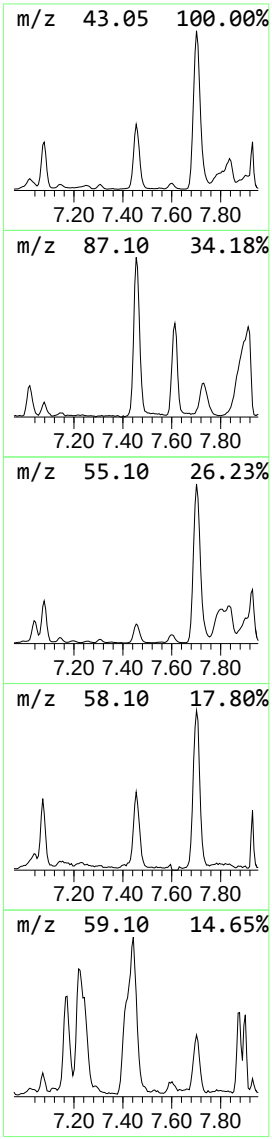
Peak Number 10 unknown7.454 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.454	4.90 ng	553646	1,4-Dichlorobenzene-d4	7.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl acetate	102	C5H10O2	000108-21-4	40
2	4-Penten-2-ol, acetate	128	C7H12O2	1000352-31-5	37
3	2-Pentanol, acetate	130	C7H14O2	000626-38-0	37
4	2-Butanol, 3-methyl-, acetate	130	C7H14O2	005343-96-4	35
5	2-Hexanone, 4-hydroxy-5-methyl-	130	C7H14O2	038836-21-4	33





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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

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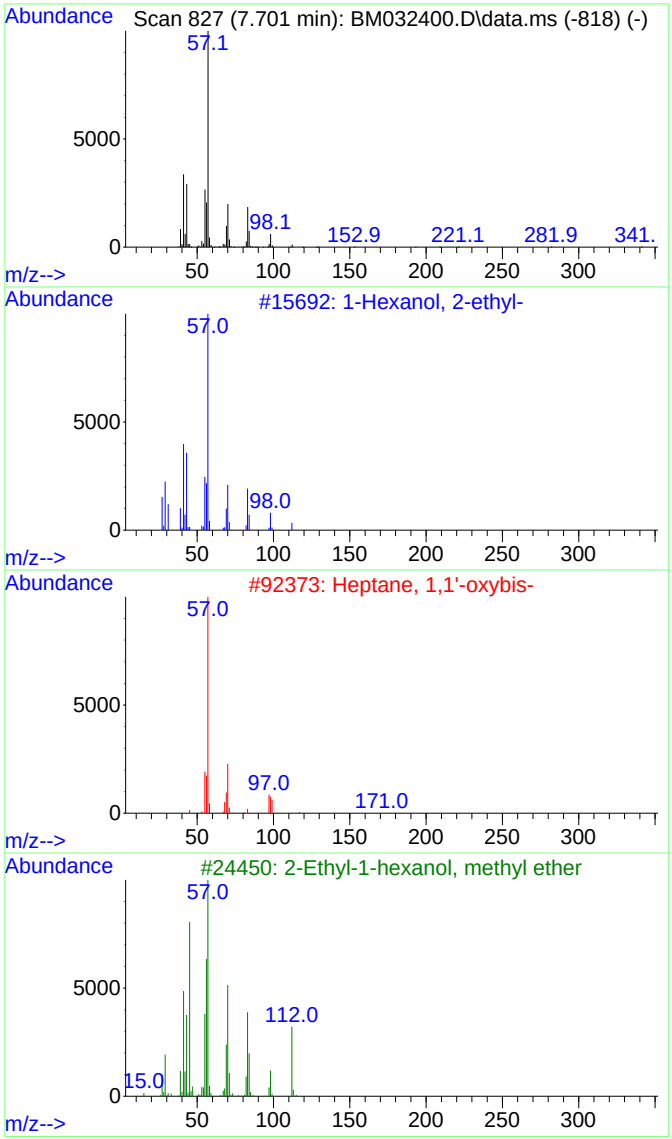
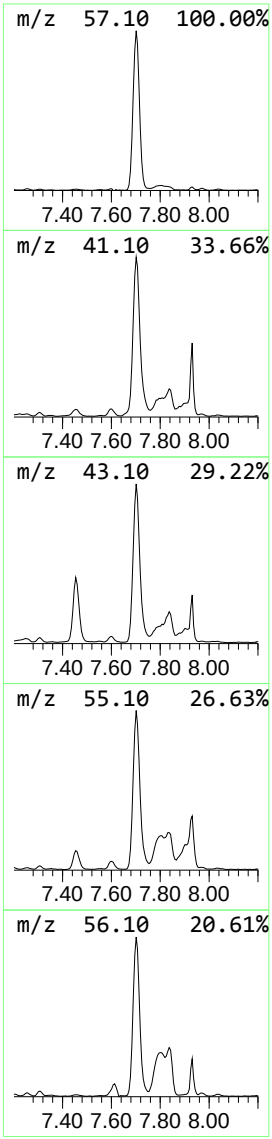
Peak Number 11 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.701	43.39 ng	4902670	1,4-Dichlorobenzene-d4	7.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	64
3	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	53
4	Carbonic acid, heptyl vinyl ester	186	C10H18O3	1010383-25-4	47
5	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	40





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ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.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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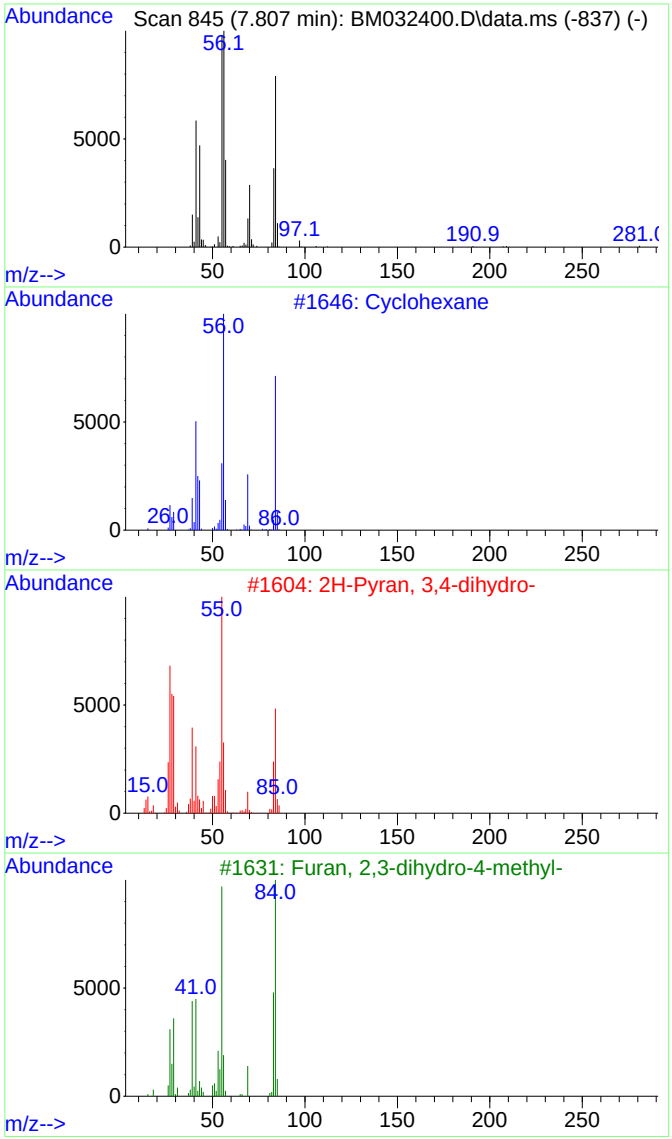
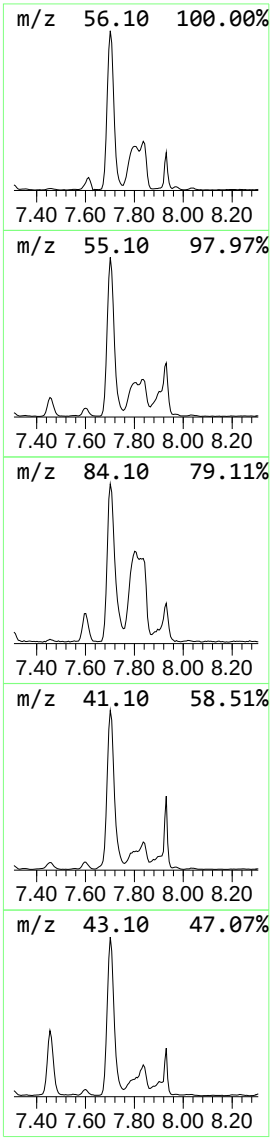
Peak Number 12 Cyclohexane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.807	5.35 ng	604190	1,4-Dichlorobenzene-d4	7.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	53
2	2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	50
3	Furan, 2,3-dihydro-4-methyl-	84	C5H8O	034314-83-5	46
4	Hexane, 2-chloro-	120	C6H13Cl	000638-28-8	45
5	4-Undecene, 2-methyl-, (E)-	168	C12H24	028665-57-8	40





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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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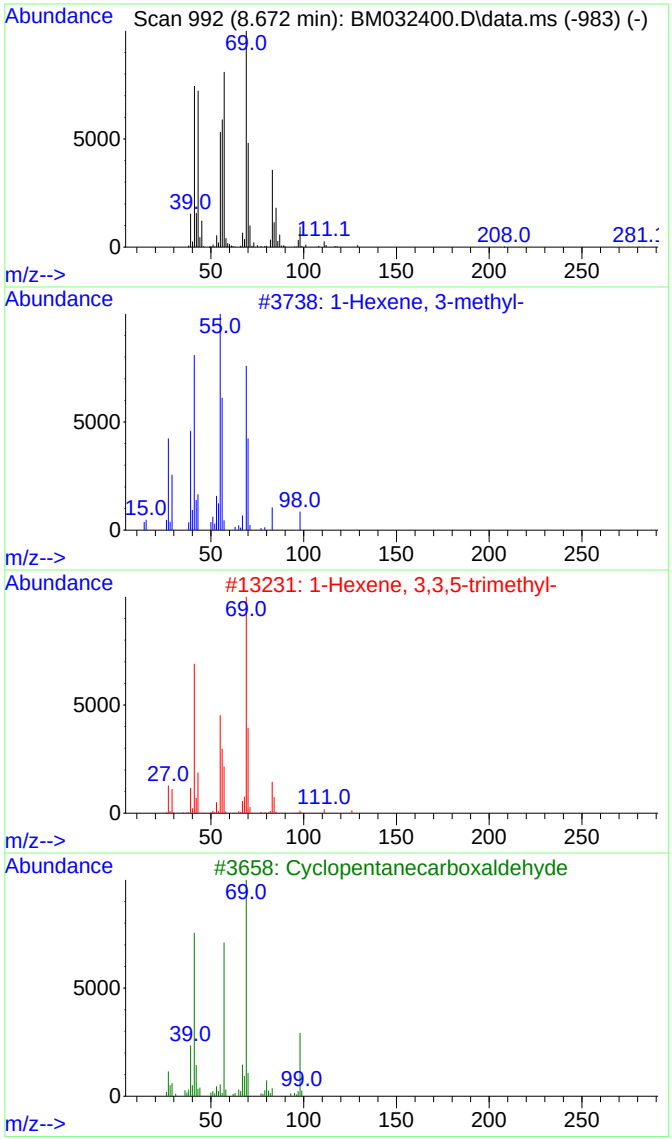
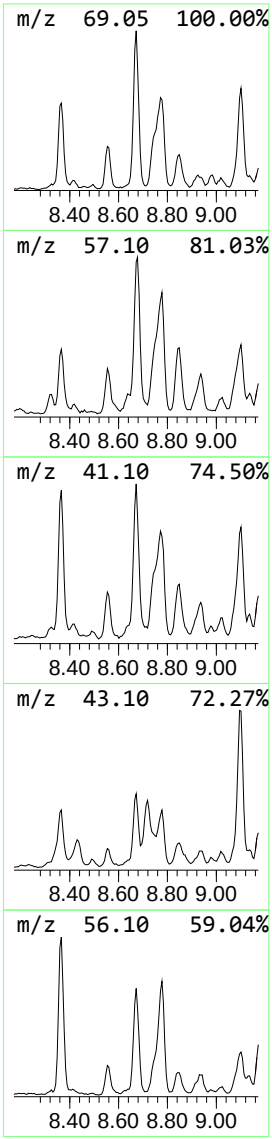
Peak Number 13 1-Hexene, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.672	4.81 ng	543448	1,4-Dichlorobenzene-d4	7.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	64
2	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	50
3	Cyclopentanecarboxaldehyde	98	C6H10O	000872-53-7	43
4	Cyanamide, dimethyl-	70	C3H6N2	001467-79-4	43
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	38





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

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

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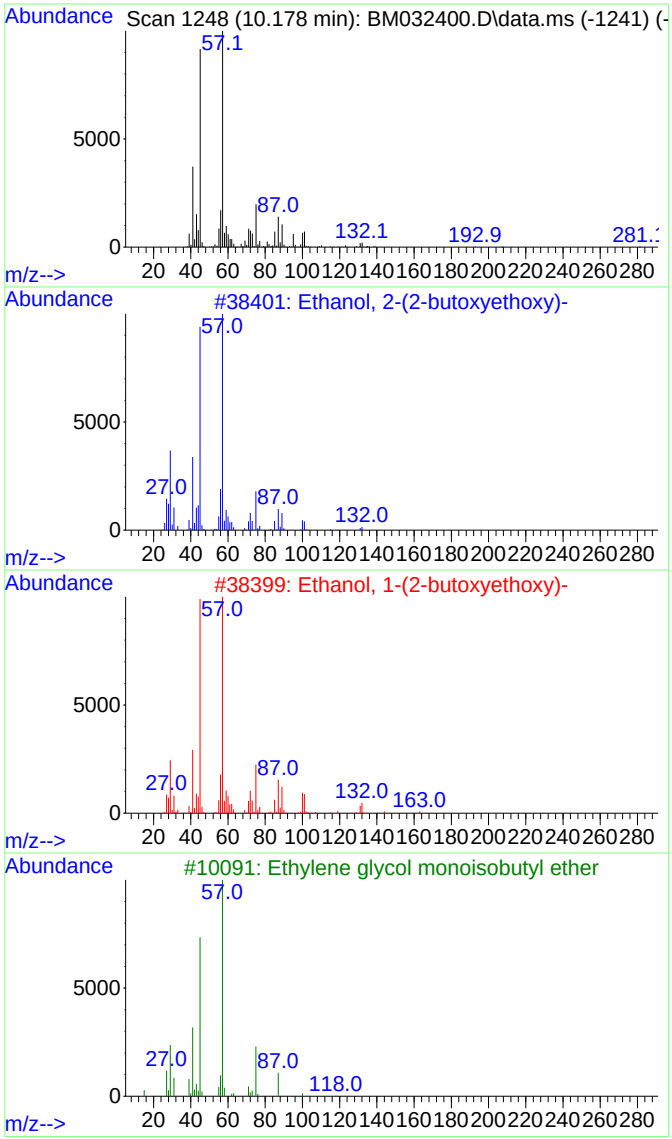
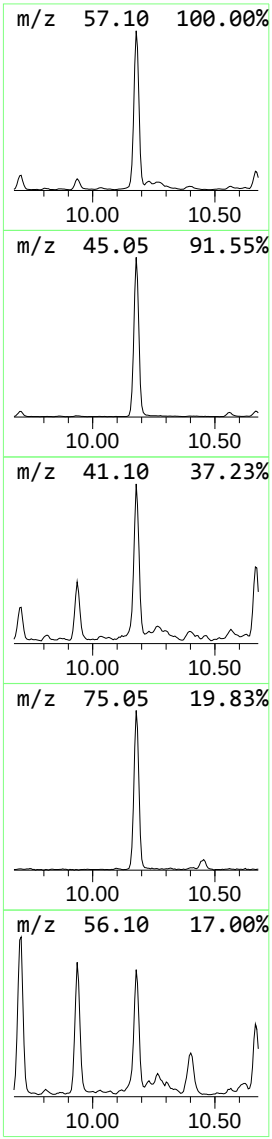
Peak Number 14 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.178	10.81 ng	1723880	Naphthalene-d8	10.401

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
4	Methoxyacetic acid, 2-butyl ester	146	C7H14O3	070159-90-9	50
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	47





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

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

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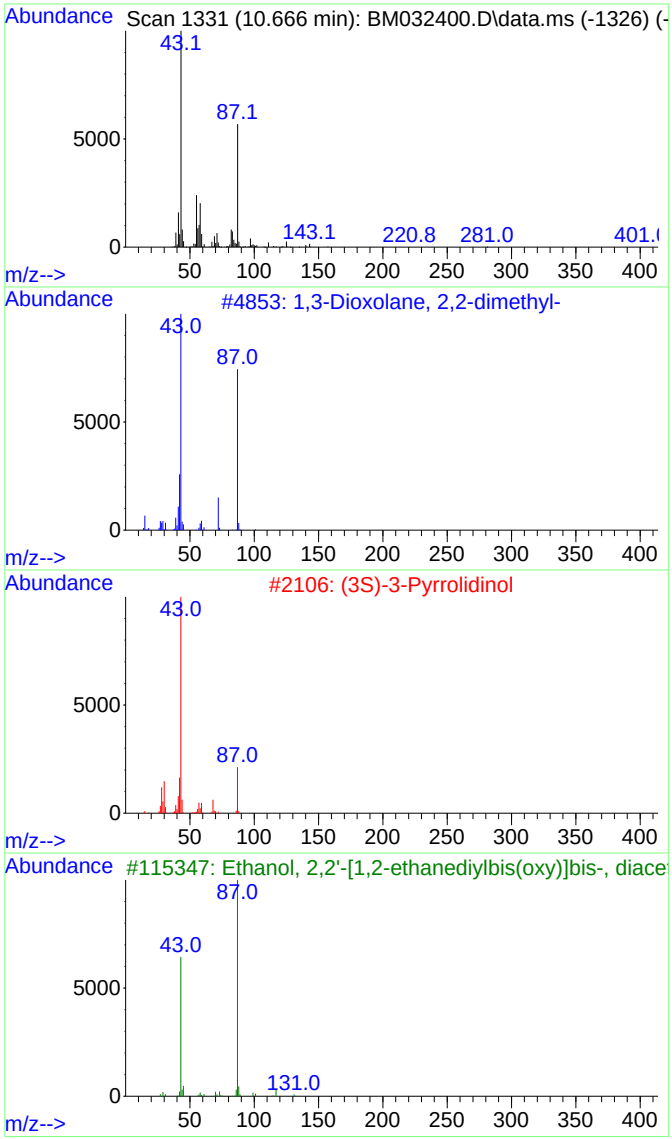
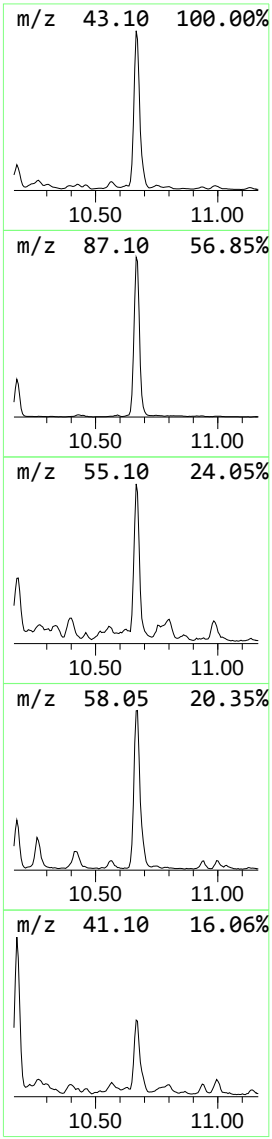
Peak Number 15 unknown10.666 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.666	10.02 ng	1598810	Naphthalene-d8	10.401

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2,2-dimethyl-	102	C5H10O2	002916-31-6	47
2	(3S)-3-Pyrrolidinol	87	C4H9NO	100243-39-8	42
3	Ethanol, 2,2'-[1,2-ethanediylbis...	234	C10H18O6	000111-21-7	38
4	1,3-Dioxolane-2-propanal, 2-methyl-	144	C7H12O3	024108-29-0	38
5	1,3-Dioxane	88	C4H8O2	000505-22-6	37





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Instrument : BNA_M
ClientSampleId : IDW-LIQ-COMP-100721

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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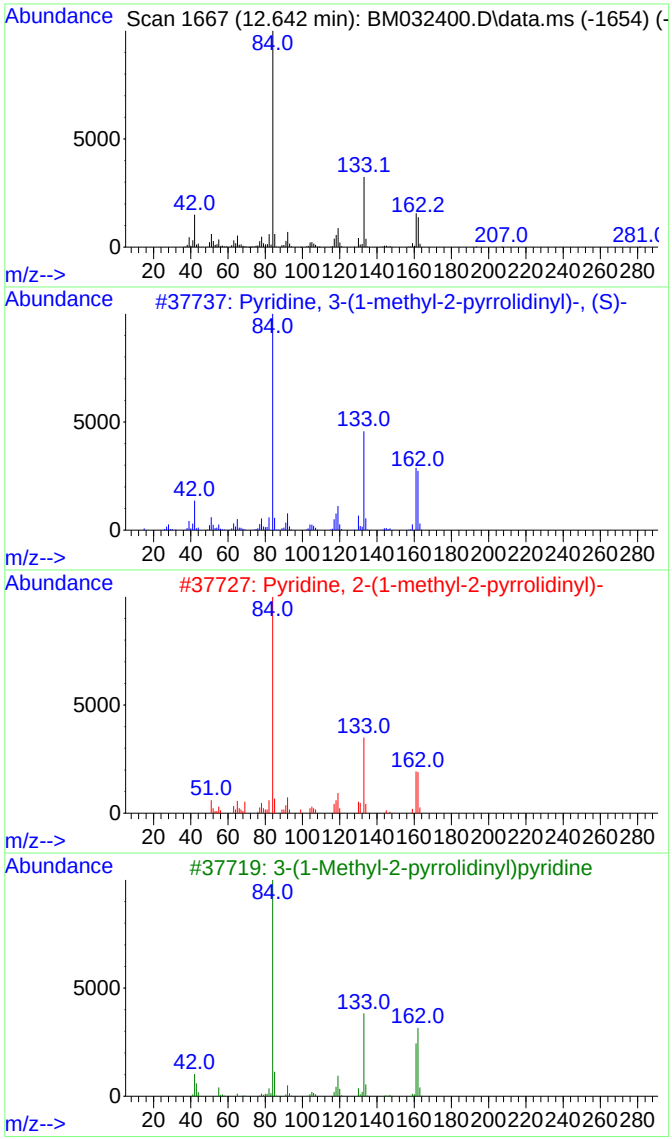
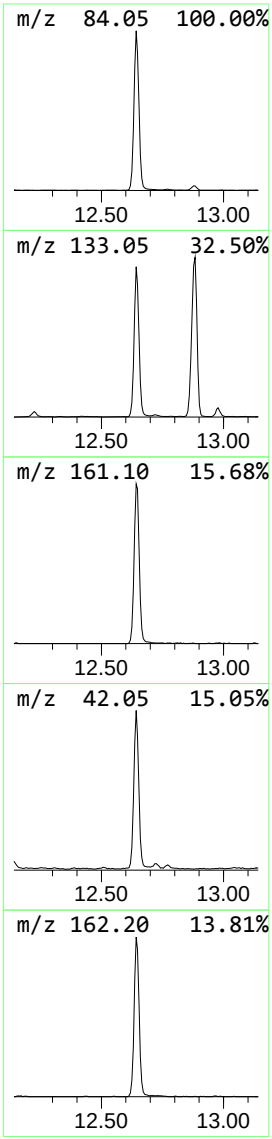
Peak Number 16 Pyridine, 3-(1-methyl-2-pyr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.642	10.29 ng	2022350	Acenaphthene-d10	14.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 3-(1-methyl-2-pyrrolid...	162	C10H14N2	000054-11-5	97
2	Pyridine, 2-(1-methyl-2-pyrrolid...	162	C10H14N2	023950-04-1	91
3	3-(1-Methyl-2-pyrrolidinyl)pyridine	162	C10H14N2	1000425-83-4	91
4	Acetamide, N-(3,5-dichlorophenyl...	272	C12H14Cl2N2O	1000268-01-0	43
5	Rolicyprine	244	C14H16N2O2	002829-19-8	40





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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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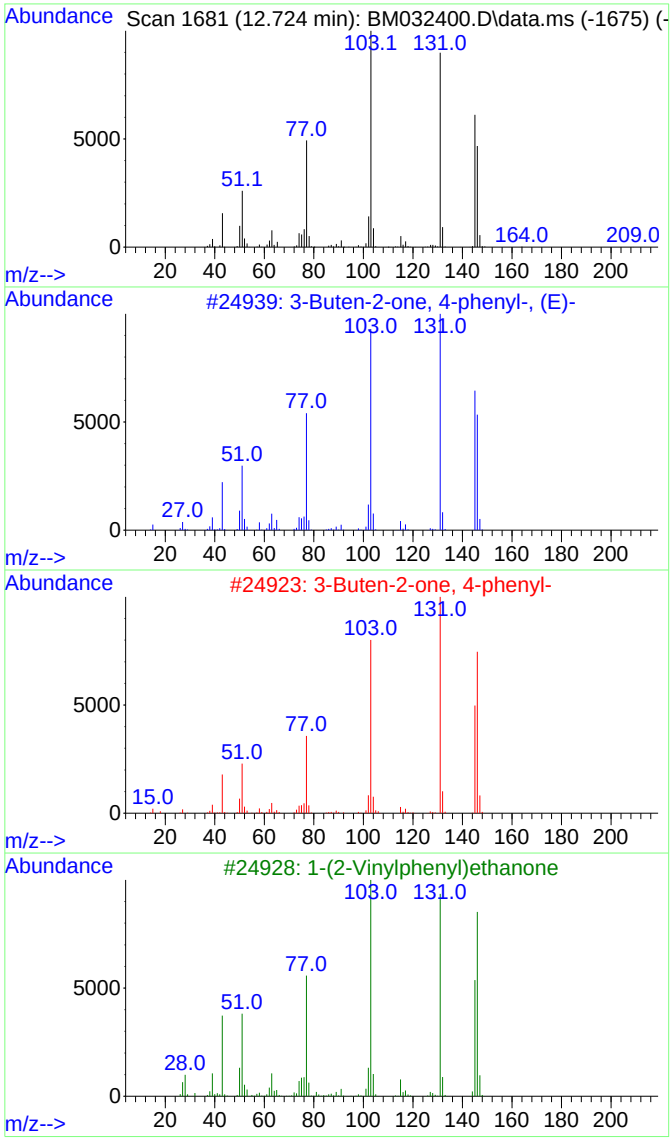
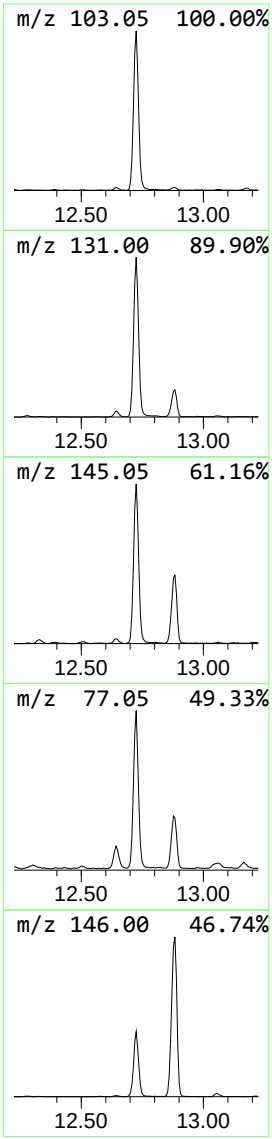
Peak Number 17 3-Buten-2-one, 4-phenyl-, (E)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.724	6.17 ng	1212700	Acenaphthene-d10	14.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-phenyl-, (E)-	146	C10H10O	001896-62-4	98
2	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	94
3	1-(2-Vinylphenyl)ethanone	146	C10H10O	052095-40-6	93
4	Vinyl trans-cinnamate	174	C11H10O2	017719-70-9	59
5	N-(4-Fluorophenyl)-3-phenyl-2-pr...	337	C17H11F4NO2	1000492-37-5	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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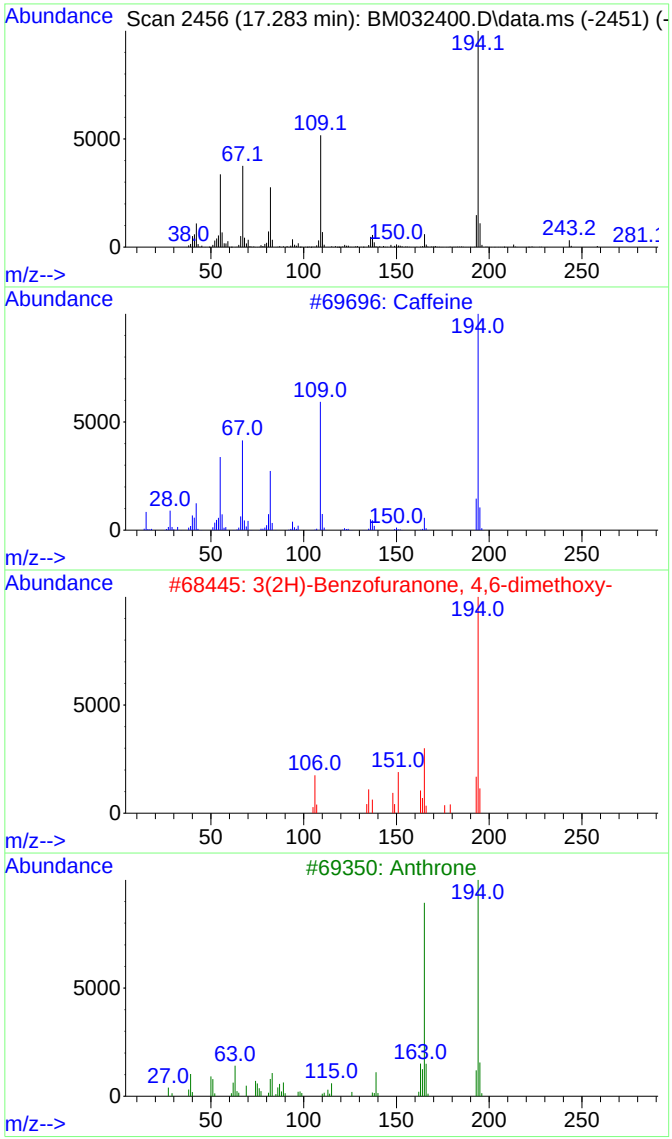
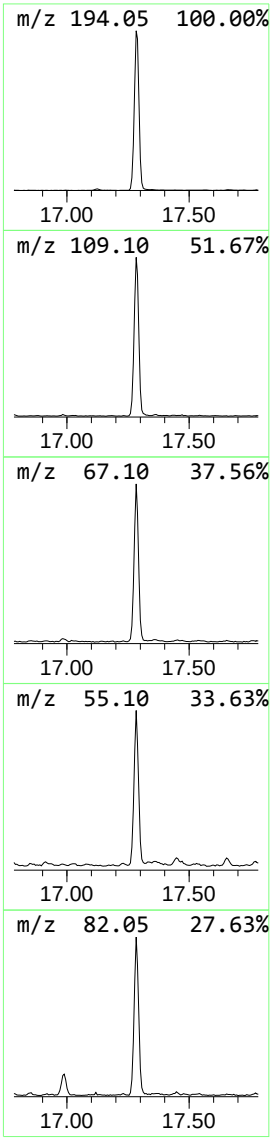
Peak Number 18 Caffeine Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.283	7.63 ng	1501020	Phenanthrene-d10	16.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caffeine	194	C8H10N4O2	000058-08-2	98
2	3(2H)-Benzofuranone, 4,6-dimethoxy-	194	C10H10O4	004225-35-8	50
3	Anthrone	194	C14H10O	000090-44-8	43
4	2H-Pyrazol-3-ol, 5-(2,5-dimethyl...	194	C9H10N2OS	1000304-22-5	43
5	4-Phenanthrenol	194	C14H10O	007651-86-7	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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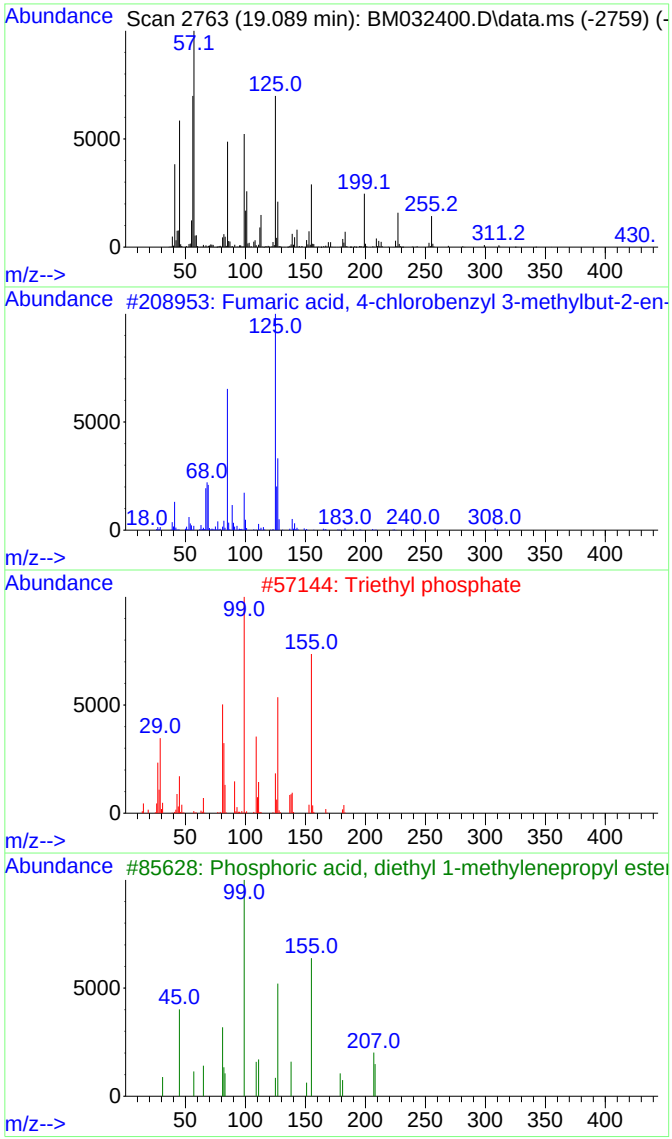
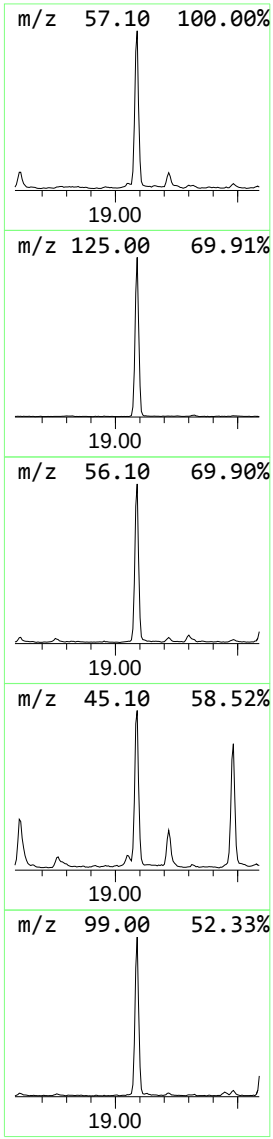
Peak Number 19 unknown19.089 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.089	8.60 ng	1358410	Chrysene-d12	21.153

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 4-chlorobenzyl 3-m...	308	C16H17ClO4	1000405-91-6	22
2	Triethyl phosphate	182	C6H15O4P	000078-40-0	14
3	Phosphoric acid, diethyl 1-methy...	208	C8H17O4P	050522-98-0	14
4	2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	14
5	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	14





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Data File : BM032400.D
Acq On : 08 Oct 2021 19:18
Operator : CG/JU
Sample : M4144-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : IDW-LIQ-COMP-100721

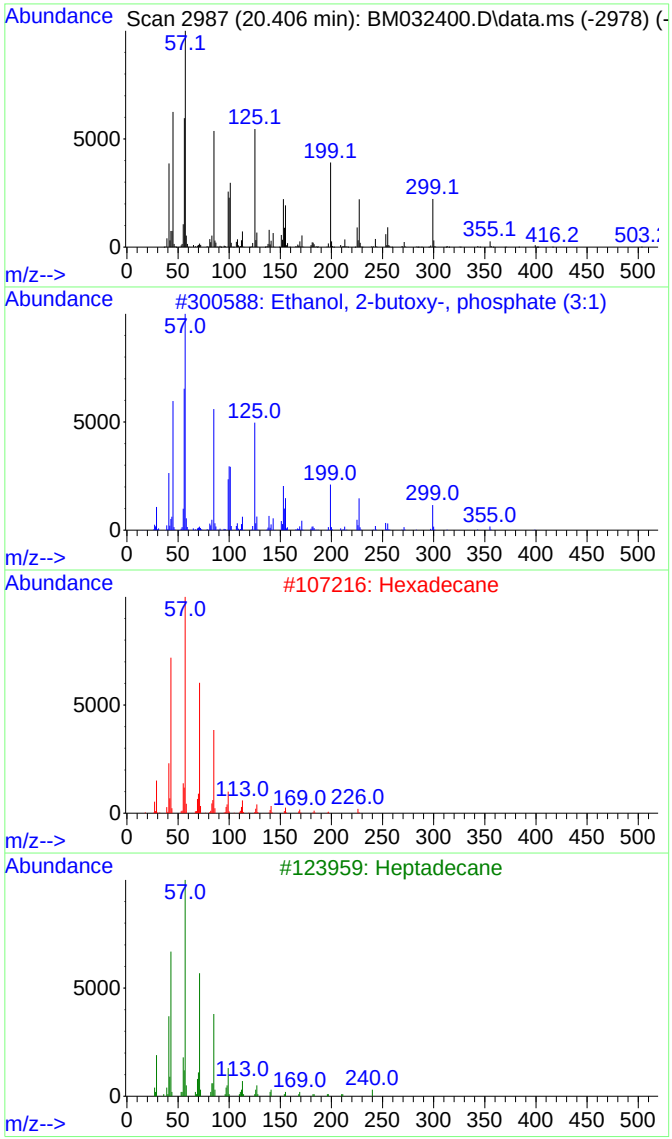
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

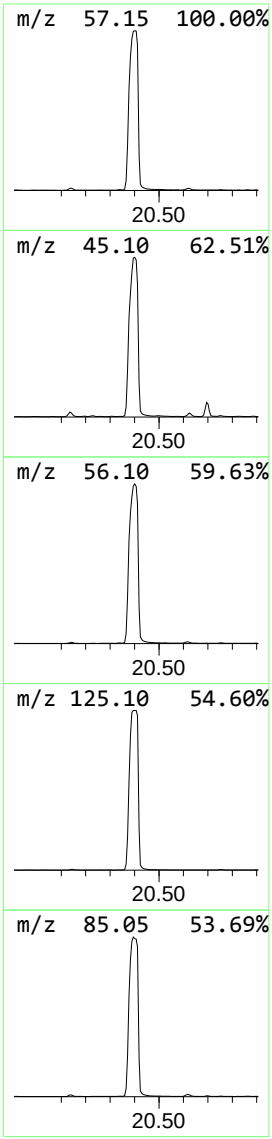
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Ethanol, 2-butoxy-, phospha... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.406	246.19 ng	38901200	Chrysene-d12	21.153

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	76
2	Hexadecane	226	C16H34	000544-76-3	11
3	Heptadecane	240	C17H36	000629-78-7	10
4	Thiophene-2-carbohydrazide, 5-me...	352	C16H24N4O3S	1010268-68-7	10
5	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
Data File : BM032400.D
Acq On : 08 Oct 2021 19:18
Operator : CG/JU
Sample : M4144-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : IDW-LIQ-COMP-100721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.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
2-Pentanone, 4-...	4.731	265.7	ng	30020400	1	7.613	2260020	20.0
1-Hexanol	5.101	9.9	ng	1124540	1	7.613	2260020	20.0
2-Hexen-1-ol, (Z)-	5.484	13.4	ng	1515140	1	7.613	2260020	20.0
Ethanol, 2-butoxy-	5.725	224.2	ng	25328800	1	7.613	2260020	20.0
2-Methyl-1-hexanol	6.125	13.4	ng	1515460	1	7.613	2260020	20.0
1-Nonanol	6.166	43.0	ng	4860440	1	7.613	2260020	20.0
2-Octene, 3,7-d...	6.207	30.4	ng	3431190	1	7.613	2260020	20.0
1-Hexanol, 4-me...	6.325	22.8	ng	2570790	1	7.613	2260020	20.0
1-Heptanol, 6-m...	7.078	5.7	ng	642407	1	7.613	2260020	20.0
unknown7.454	7.454	4.9	ng	553646	1	7.613	2260020	20.0
1-Hexanol, 2-et...	7.701	43.4	ng	4902670	1	7.613	2260020	20.0
Cyclohexane	7.807	5.3	ng	604190	1	7.613	2260020	20.0
1-Hexene, 3-met...	8.672	4.8	ng	543448	1	7.613	2260020	20.0
Ethanol, 2-(2-b...	10.178	10.8	ng	1723880	2	10.401	3190630	20.0
unknown10.666	10.666	10.0	ng	1598810	2	10.401	3190630	20.0
Pyridine, 3-(1-...	12.642	10.3	ng	2022350	3	14.260	3929740	20.0
3-Buten-2-one, ...	12.724	6.2	ng	1212700	3	14.260	3929740	20.0
Caffeine	17.283	7.6	ng	1501020	4	16.989	3936480	20.0
unknown19.089	19.089	8.6	ng	1358410	5	21.153	3160200	20.0
Ethanol, 2-buto...	20.406	246.2	ng	38901200	5	21.153	3160200	20.0