LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
Data File : BM039556.D
Acq On : 21 Apr 2023 18:02
Operator : CG/JU
Sample : 02403-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-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_M\Methods\8270-BM041723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039556.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.654	102	105	121	rBV	350077	569705	5.65%	0.950%
2	3.960	152	157	166	rVB	167204	225870	2.24%	0.377%
3	4.913	313	319	328	rBV	154352	229209	2.27%	0.382%
4	5.384	393	399	419	rBV	1434847	2240271	22.23%	3.737%
5	5.572	426	431	442	rBV	291901	439459	4.36%	0.733%
6	5.884	476	484	507	rBV	2040626	3227311	32.02%	5.383%
7	7.001	667	674	697	rBV	773262	1435583	14.24%	2.394%
8	7.813	804	812	820	rBV	436947	749203	7.43%	1.250%
9	7.884	820	824	835	rVV	80485	187962	1.86%	0.314%
10	8.131	859	866	884	rVB7	29655	110398	1.10%	0.184%
11	8.931	996	1002	1006	rBV	63828	104333	1.04%	0.174%
12	8.989	1006	1012	1022	rVV	1747405	2930633	29.07%	4.888%
13	9.078	1022	1027	1032	rVV	99635	192370	1.91%	0.321%
14	9.142	1032	1038	1045	rVV	158910	309726	3.07%	0.517%
15	9.248	1045	1056	1066	rVB2	49318	136457	1.35%	0.228%
16	9.460	1086	1092	1099	rVB	65124	109775	1.09%	0.183%
17	10.178	1203	1214	1223	rBV	67608	128919	1.28%	0.215%
18	10.413	1248	1254	1265	rBV	59859	131239	1.30%	0.219%
19	10.625	1279	1290	1304	rBV	661273	1231207	12.21%	2.054%
20	11.001	1346	1354	1377	rBV	2045057	4353461	43.19%	7.261%
21	11.283	1398	1402	1411	rVB	83715	153561	1.52%	0.256%
22	12.307	1570	1576	1589	rBV	82845	337994	3.35%	0.564%
23	13.095	1703	1710	1725	rBV	4468118	6537091	64.85%	10.904%
24	14.001	1860	1864	1867	rBV2	76625	105439	1.05%	0.176%
25	14.042	1867	1871	1880	rVB	96672	162328	1.61%	0.271%
26	14.230	1898	1903	1909	rBV3	82948	127043	1.26%	0.212%
27	14.289	1909	1913	1920	rVV	74826	118301	1.17%	0.197%
28	14.471	1936	1944	1955	rBV2	911804	1477975	14.66%	2.465%
29	14.901	2011	2017	2031	rBV	210176	405388	4.02%	0.676%
30	15.695	2148	2152	2158	rVB	99924	121829	1.21%	0.203%
31	15.842	2172	2177	2183	rBV	137899	200842	1.99%	0.335%
32	15.971	2192	2199	2211	rBV	3520231	5260173	52.18%	8.774%
33	16.736	2324	2329	2338	rBV	358645	708280	7.03%	1.181%
34	16.818	2338	2343	2352	rVB3	182916	330195	3.28%	0.551%
35	17.036	2376	2380	2387	rVB	81340	114043	1.13%	0.190%
36	17.118	2389	2394	2401	rVB	269292	365457	3.63%	0.610%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
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Acq On : 21 Apr 2023 18:02
Operator : CG/JU
Sample : 02403-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-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_M\Methods\8270-BM041723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.224	2407	2412	2418	rBV	1230987	1761522	17.48%	2.938%
38	17.277	2418	2421	2427	rVB	122934	171608	1.70%	0.286%
39	17.389	2436	2440	2446	rBV	120071	158345	1.57%	0.264%
40	17.583	2469	2473	2478	rBV	158516	207776	2.06%	0.347%
41	17.883	2519	2524	2530	rBV	579467	860035	8.53%	1.434%
42	17.936	2530	2533	2535	rVV	108236	140702	1.40%	0.235%
43	17.959	2535	2537	2541	rVV	117510	142502	1.41%	0.238%
44	18.012	2541	2546	2553	rVB	147058	223897	2.22%	0.373%
45	18.130	2559	2566	2577	rBV2	2200919	3556169	35.28%	5.931%
46	18.218	2578	2581	2588	rVB	250488	375821	3.73%	0.627%
47	18.318	2593	2598	2603	rBV	194336	283900	2.82%	0.474%
48	18.595	2641	2645	2654	rBV	576638	735106	7.29%	1.226%
49	19.406	2778	2783	2790	rBV	1210433	1909406	18.94%	3.185%
50	19.859	2854	2860	2877	rVB	8230640	10079908	100.00%	16.813%
51	21.418	3120	3125	3131	rVB	1357592	1922830	19.08%	3.207%
52	23.777	3521	3526	3537	rVB2	910227	1855500	18.41%	3.095%

Sum of corrected areas: 59954057

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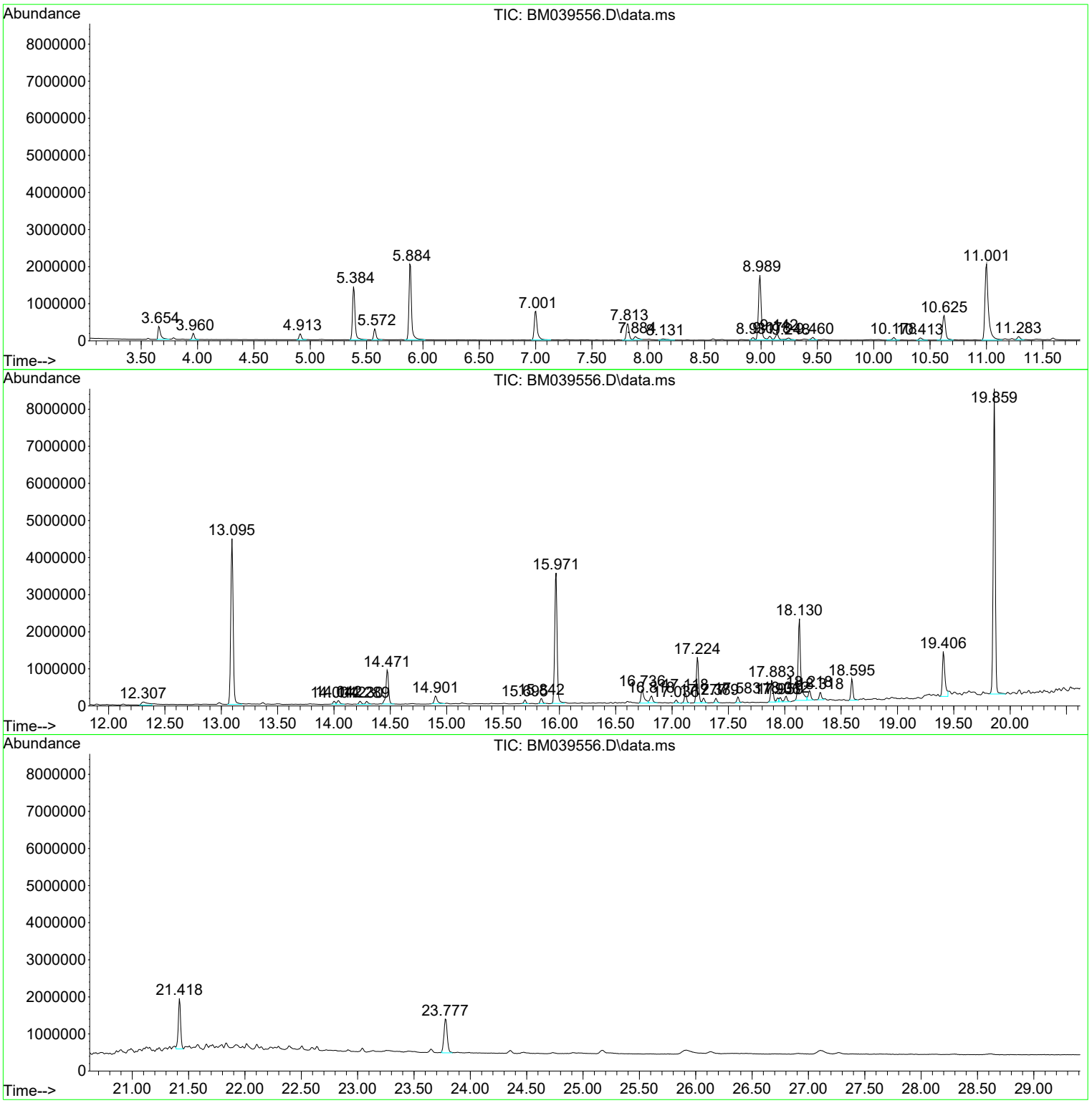
Instrument :
BNA_M
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.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\BM042123\
Data File : BM039556.D
Acq On : 21 Apr 2023 18:02
Operator : CG/JU
Sample : 02403-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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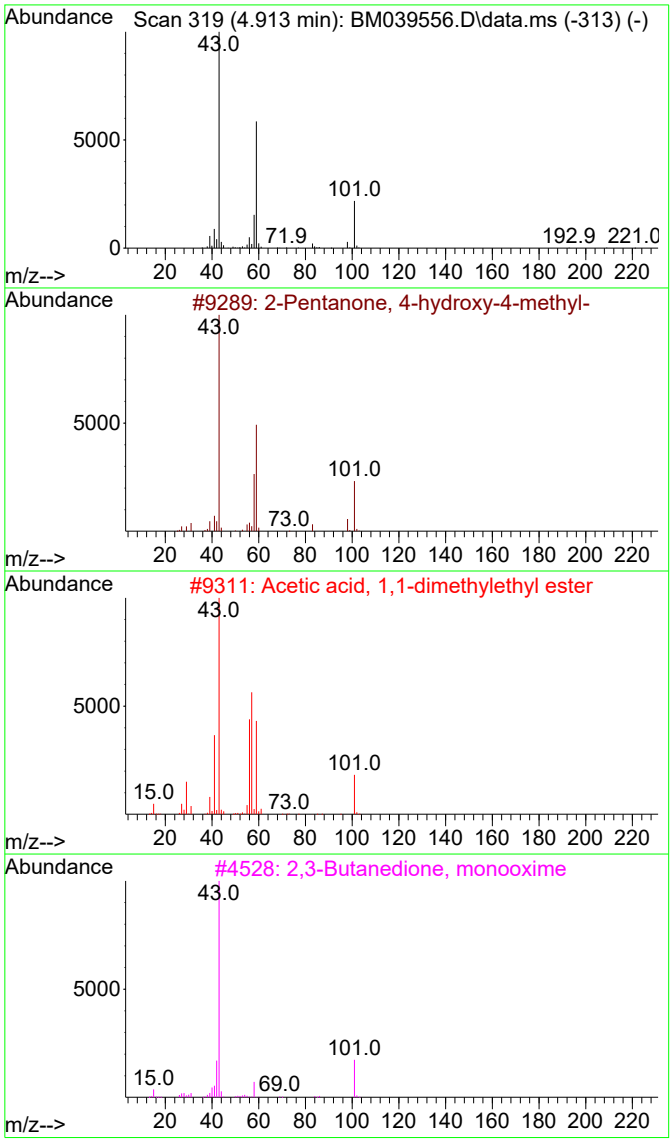
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

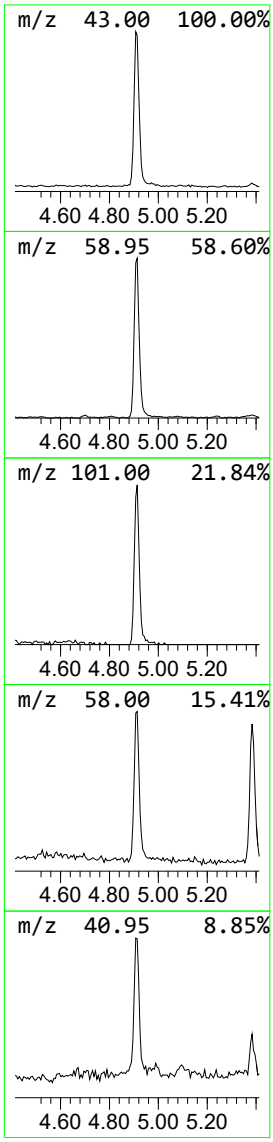
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.913	6.12 ng	229209	1,4-Dichlorobenzene-d4	7.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
4	2-(2-methoxyethoxy)propanoic aci...	190	C8H14O5	1000506-61-7	33
5	3-Hexanol	102	C6H14O	000623-37-0	28





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Data File : BM039556.D
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Operator : CG/JU
Sample : 02403-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

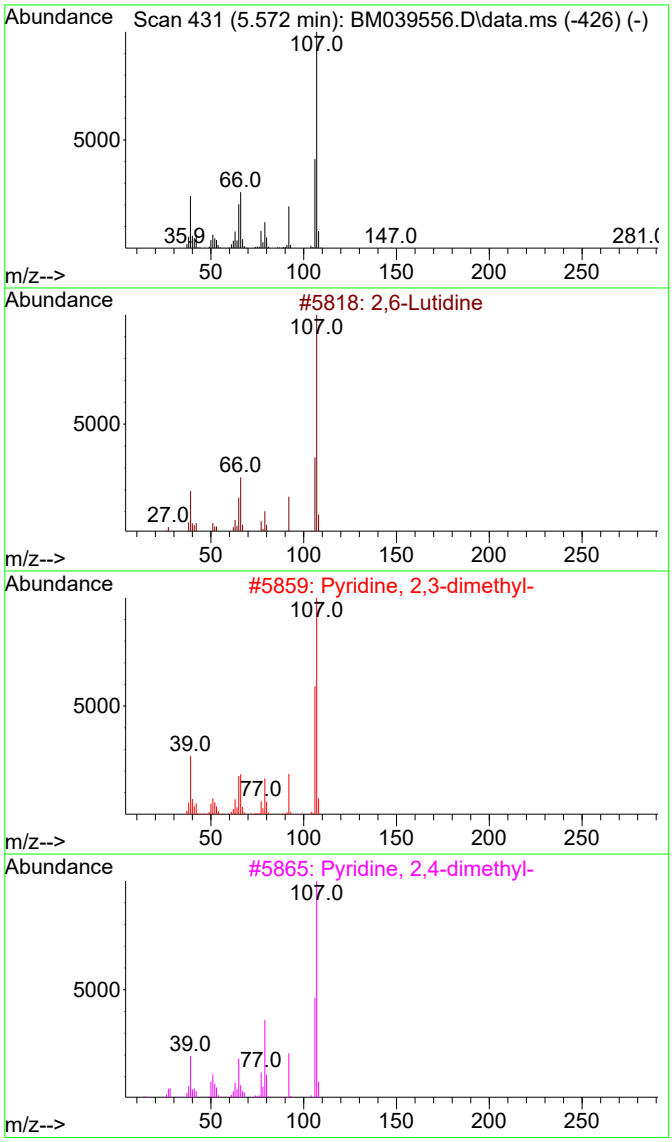
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

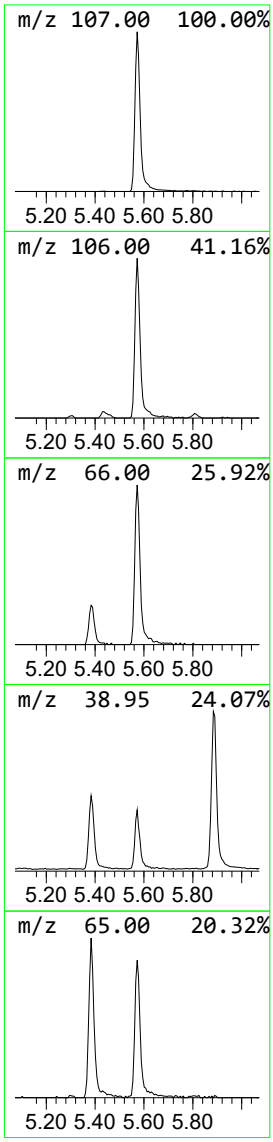
****

Peak Number 3 2,6-Lutidine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.572	11.73 ng	439459	1,4-Dichlorobenzene-d4	7.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Lutidine	107	C7H9N	000108-48-5	96
2	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	92
3	Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	52
4	6-Amino-6-methylfulvene	107	C7H9N	000694-74-6	50
5	Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
Data File : BM039556.D
Acq On : 21 Apr 2023 18:02
Operator : CG/JU
Sample : 02403-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

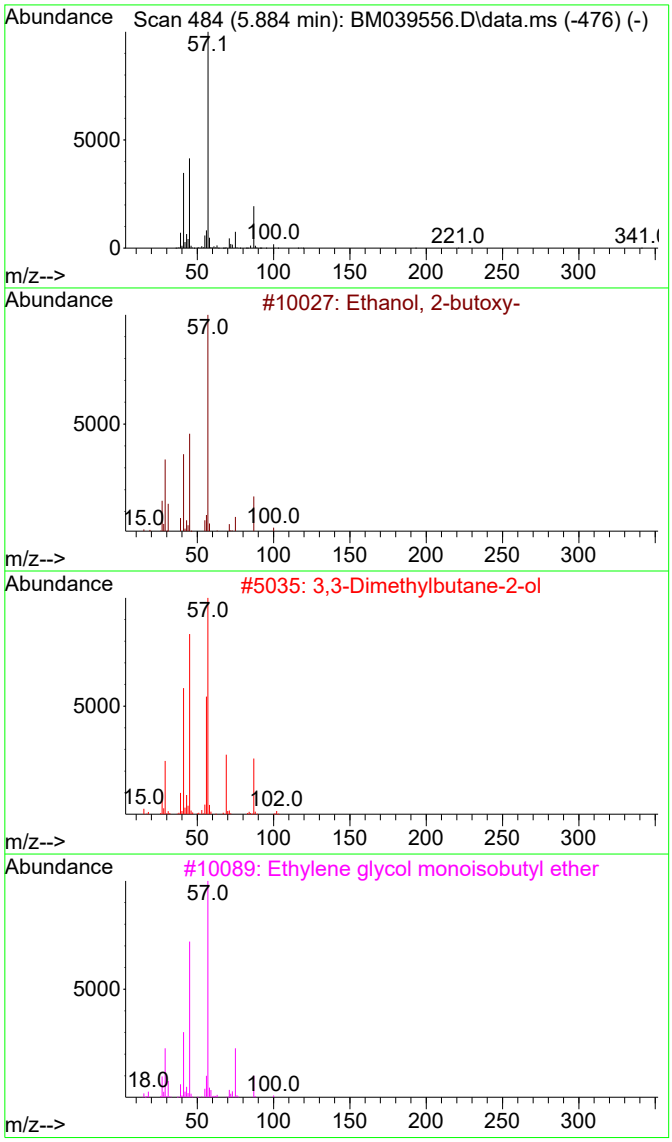
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

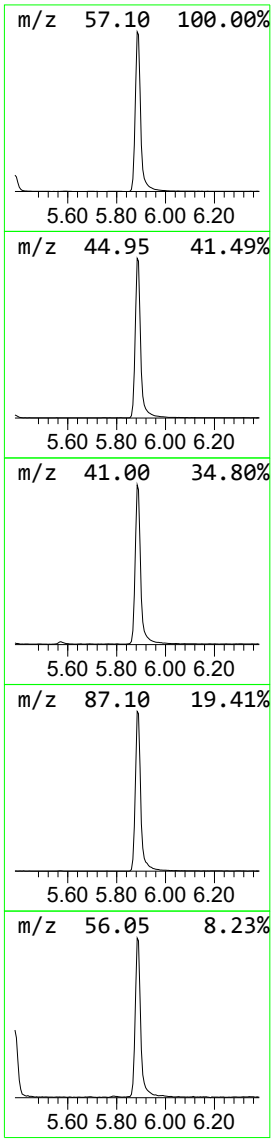
****

Peak Number 4 Ethanol, 2-butoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.884	86.15 ng	3227310	1,4-Dichlorobenzene-d4	7.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	45
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	36
4	n-Butyl ether	130	C8H18O	000142-96-1	25
5	1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
Data File : BM039556.D
Acq On : 21 Apr 2023 18:02
Operator : CG/JU
Sample : 02403-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

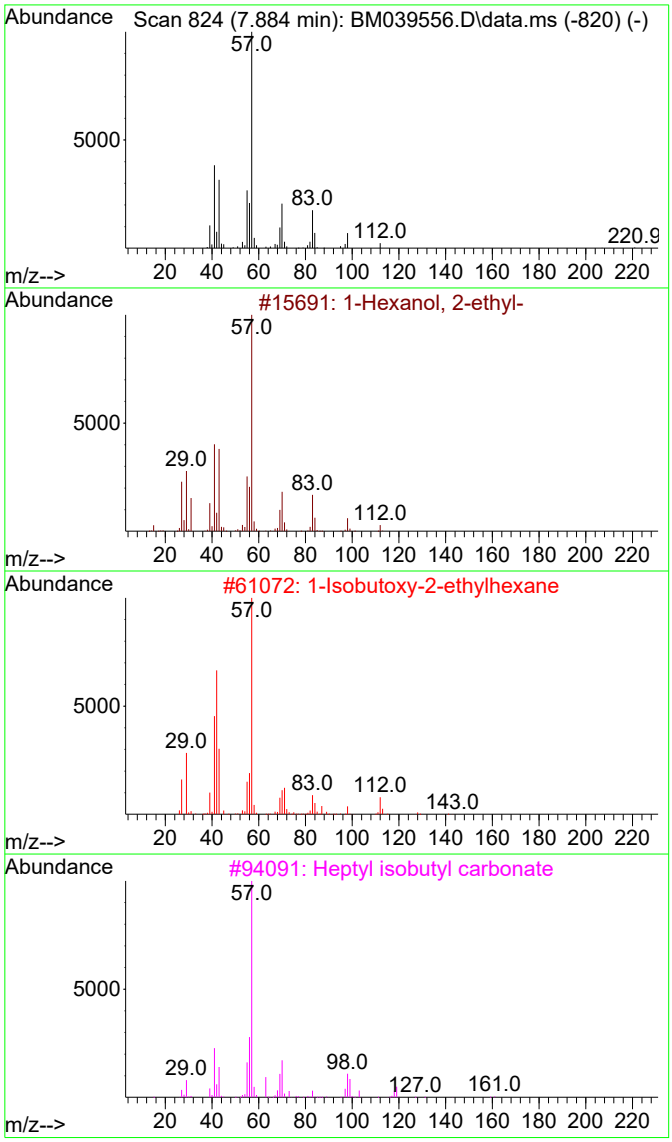
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

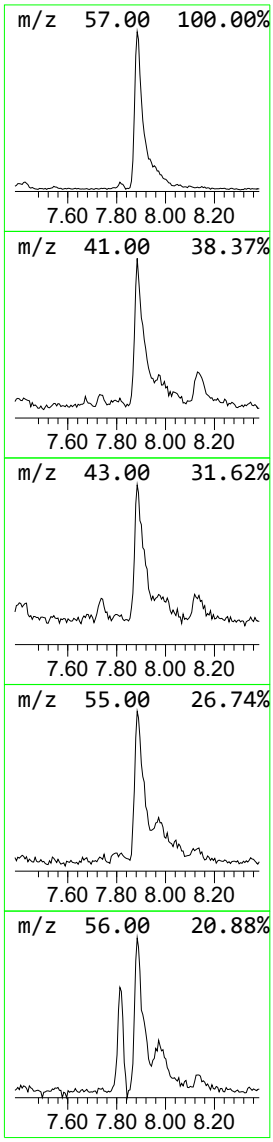
****

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.884	5.02 ng	187962	1,4-Dichlorobenzene-d4	7.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	64
3	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	59
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50





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Data File : BM039556.D
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Sample : 02403-01
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Instrument :
BNA_M
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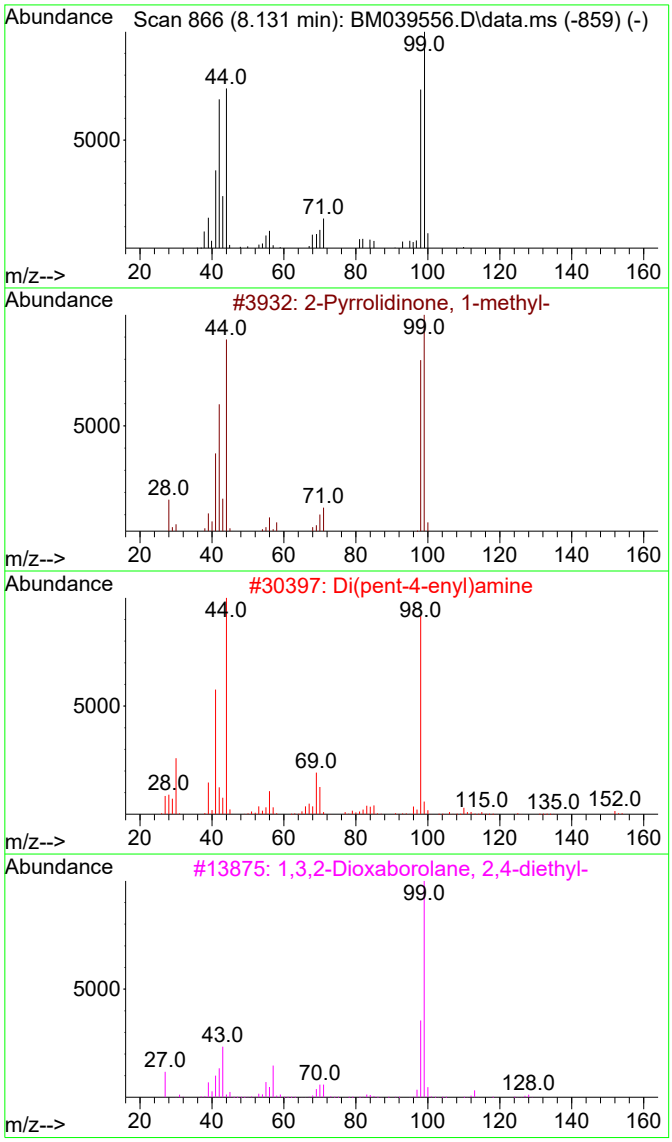
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

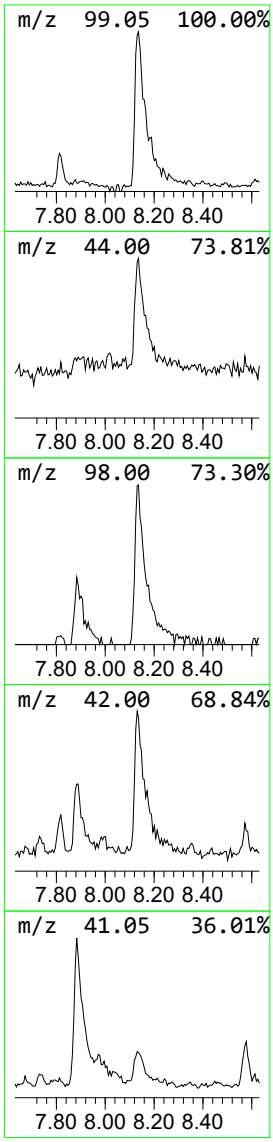
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Pyrrolidinone, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.131	2.95 ng	110398	1,4-Dichlorobenzene-d4	7.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	94
2	Di(pent-4-enyl)amine	153	C10H19N	1000190-99-0	37
3	1,3,2-Dioxaborolane, 2,4-diethyl-	128	C6H13BO2	057633-63-3	27
4	3-Butenamide	85	C4H7NO	028446-58-4	27
5	4H-1,2,4-Triazol-3-amine, 4-methyl-	98	C3H6N4	016681-76-8	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
Data File : BM039556.D
Acq On : 21 Apr 2023 18:02
Operator : CG/JU
Sample : 02403-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

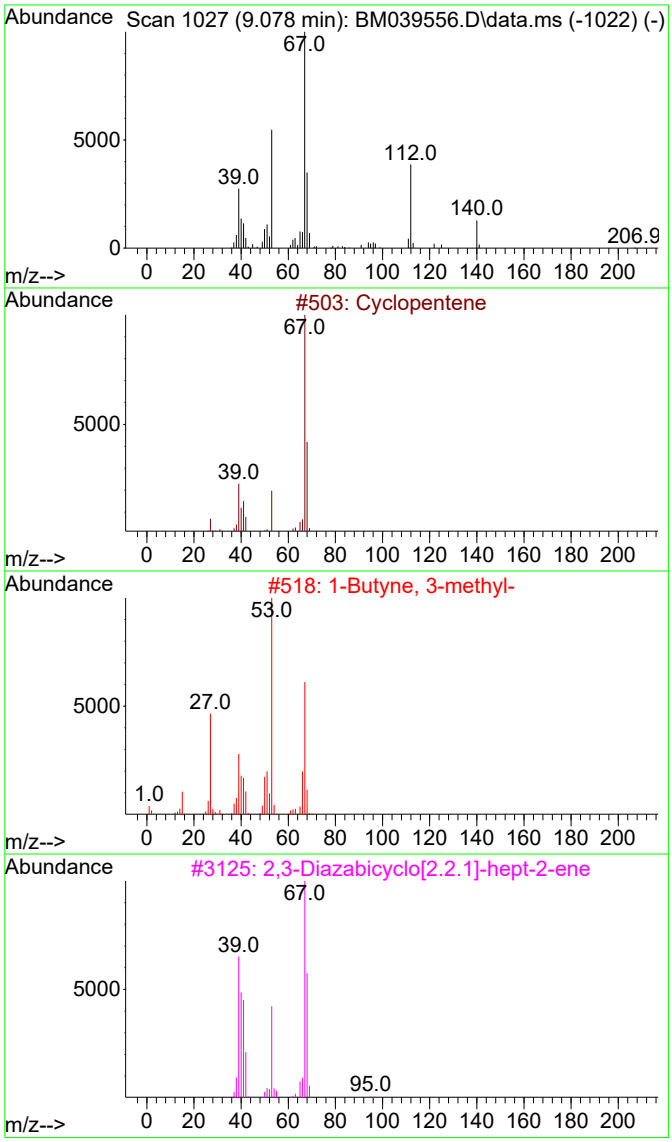
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

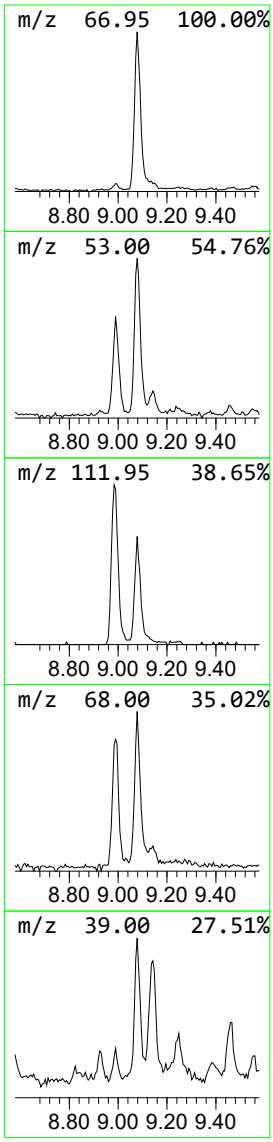
****

Peak Number 7 Cyclopentene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.078	5.14 ng	192370	1,4-Dichlorobenzene-d4	7.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene	68	C5H8	000142-29-0	74
2	1-Butyne, 3-methyl-	68	C5H8	000598-23-2	64
3	2,3-Diazabicyclo[2.2.1]-hept-2-ene	96	C5H8N2	002721-32-6	50
4	4-Vinyl-4,5-dihydro-3H-pyrazole	96	C5H8N2	063438-33-5	47
5	1,3-Pentadiene	68	C5H8	000504-60-9	45





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Data File : BM039556.D
Acq On : 21 Apr 2023 18:02
Operator : CG/JU
Sample : 02403-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

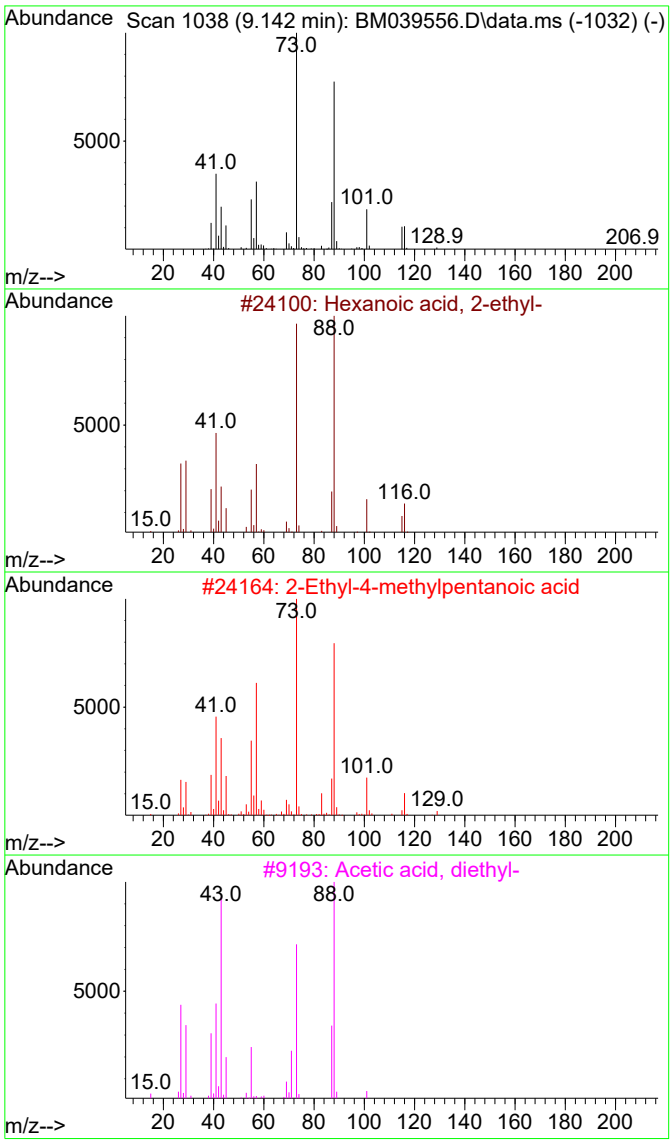
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

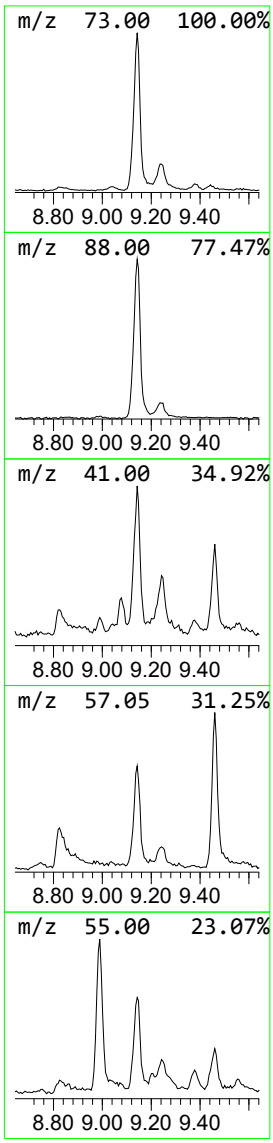
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Hexanoic acid, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.142	8.27 ng	309726	1,4-Dichlorobenzene-d4	7.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	64
3	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	50
4	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	45
5	1,4-Dioxane	88	C4H8O2	000123-91-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
Data File : BM039556.D
Acq On : 21 Apr 2023 18:02
Operator : CG/JU
Sample : 02403-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

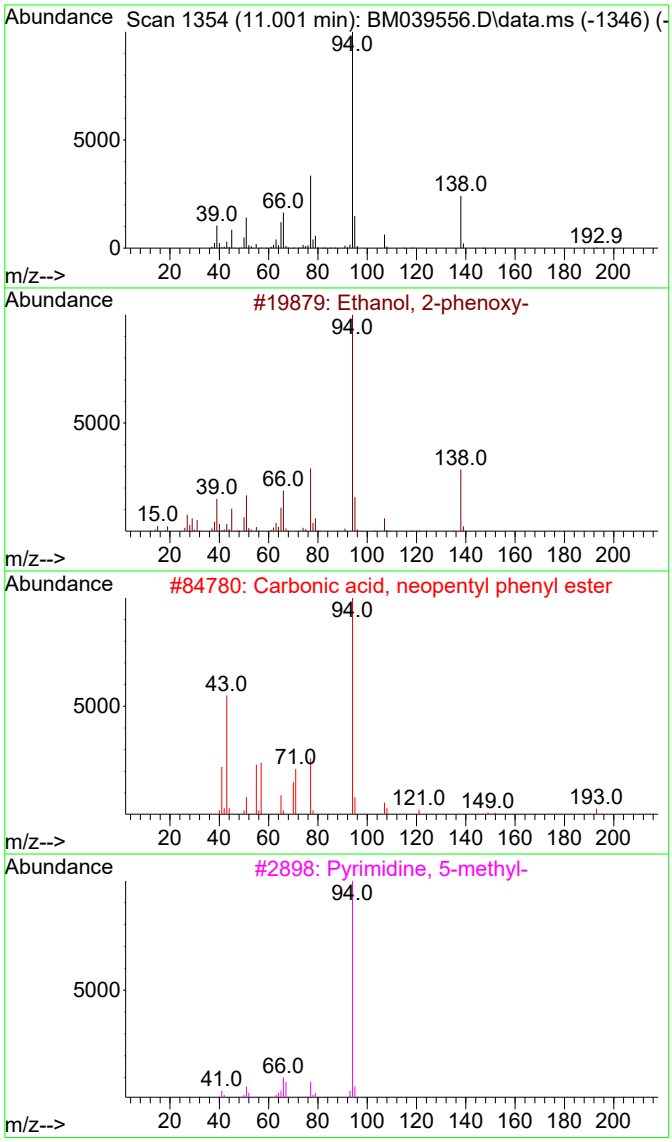
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

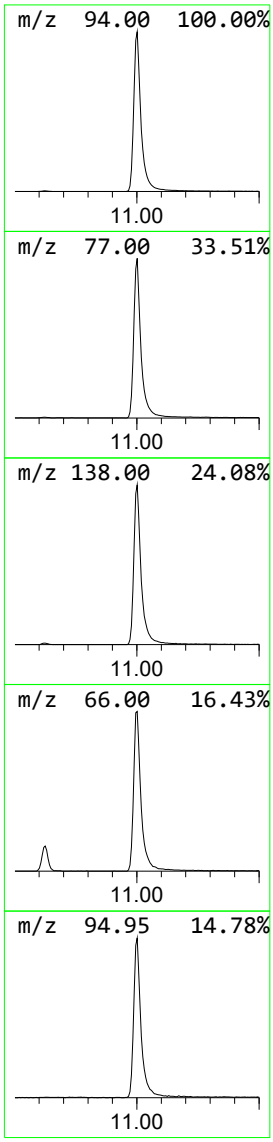
****

Peak Number 9 Ethanol, 2-phenoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.001	70.72 ng	4353460	Naphthalene-d8	10.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	97
2	Carbonic acid, neopentyl phenyl ...	208	C12H16O3	013183-19-2	64
3	Pyrimidine, 5-methyl-	94	C5H6N2	002036-41-1	59
4	2-Pyridinecarboxylic acid, 3-amino-	138	C6H6N2O2	001462-86-8	53
5	Benzene, ethoxy-	122	C8H10O	000103-73-1	53





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Acq On : 21 Apr 2023 18:02
Operator : CG/JU
Sample : 02403-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

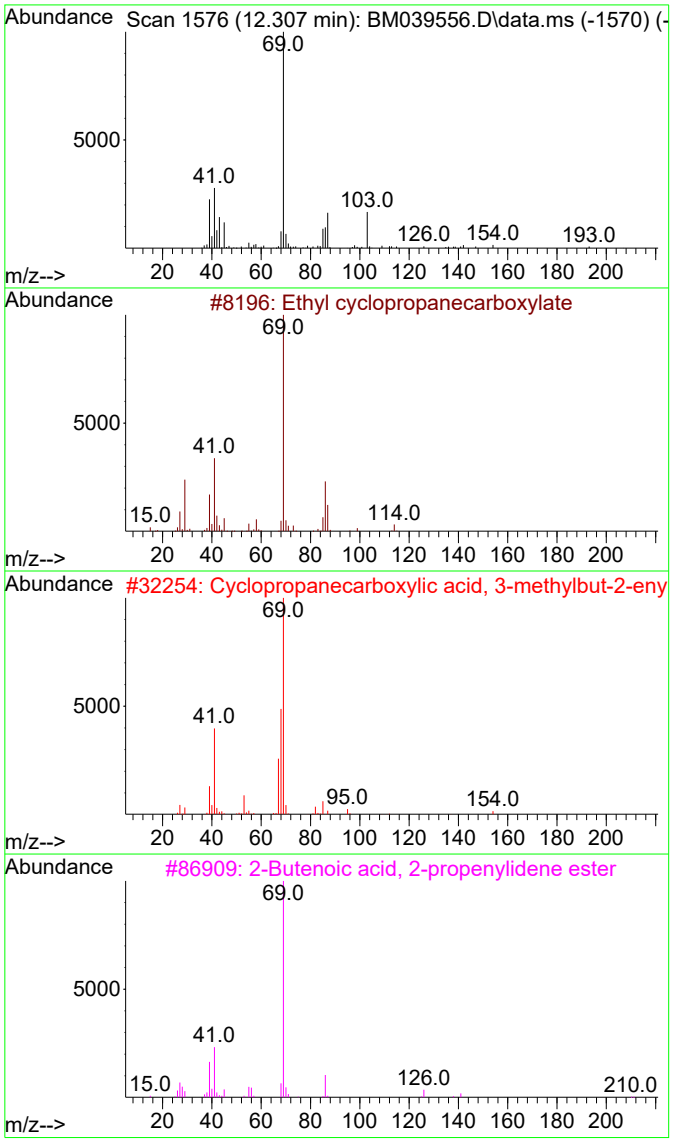
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

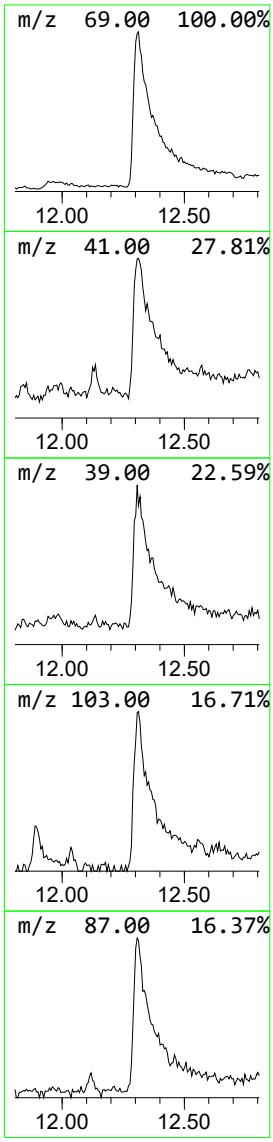
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Ethyl cyclopropanecarboxylate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.307	5.49 ng	337994	Naphthalene-d8	10.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	59
2	Cyclopropanecarboxylic acid, 3-m...	154	C9H14O2	1000299-37-4	50
3	2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	42
4	Cyclopropanecarboxylic acid,buty...	142	C8H14O2	054947-39-6	42
5	2-Butenoic acid, 2-propenyl ester	126	C7H10O2	020474-93-5	40





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ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

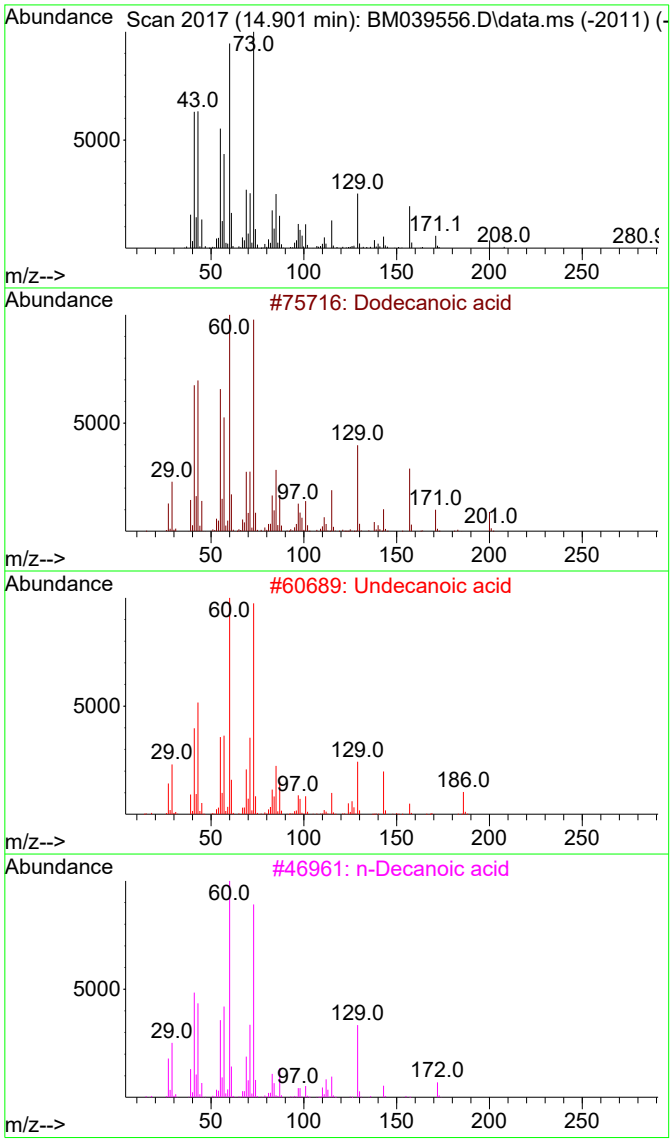
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

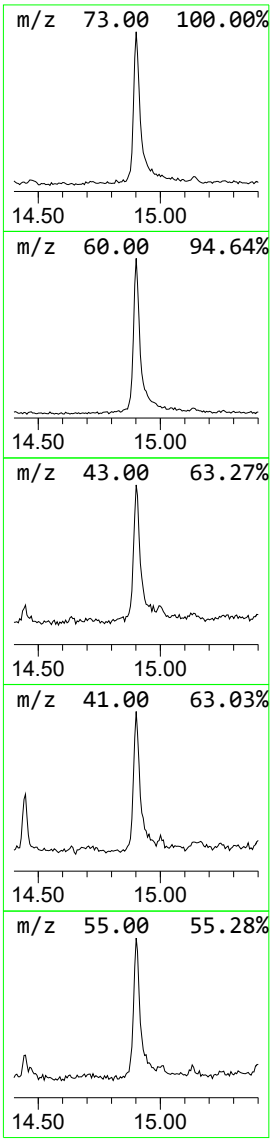
****

Peak Number 11 Dodecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.901	5.49 ng	405388	Acenaphthene-d10	14.471

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Undecanoic acid	186	C11H22O2	000112-37-8	80
3	n-Decanoic acid	172	C10H20O2	000334-48-5	59
4	Nonanoic acid	158	C9H18O2	000112-05-0	58
5	Octanoic acid	144	C8H16O2	000124-07-2	53





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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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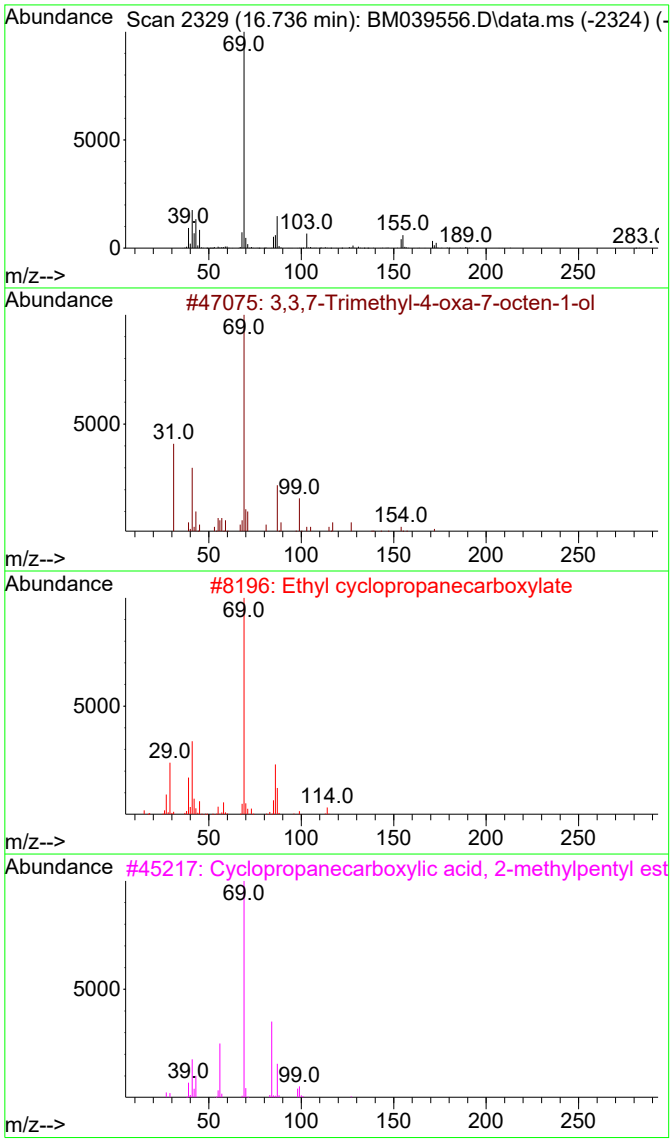
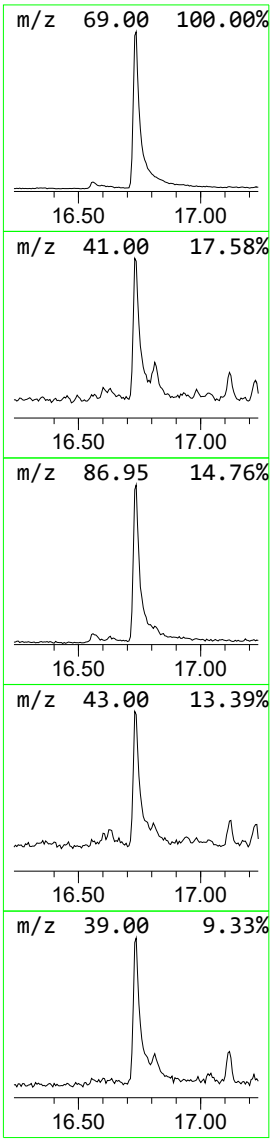
Peak Number 12 unknown16.736 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.736	8.04 ng	708280	Phenanthrene-d10	17.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3,7-Trimethyl-4-oxa-7-octen-1-ol	172	C10H20O2	069161-47-3	39
2	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	38
3	Cyclopropanecarboxylic acid, 2-m...	170	C10H18O2	1000354-65-8	36
4	(E)-2-Methylbut-2-en-1-yl methac...	154	C9H14O2	088142-95-4	9
5	1,6-Hexanediol dimethacrylate	254	C14H22O4	006606-59-3	9





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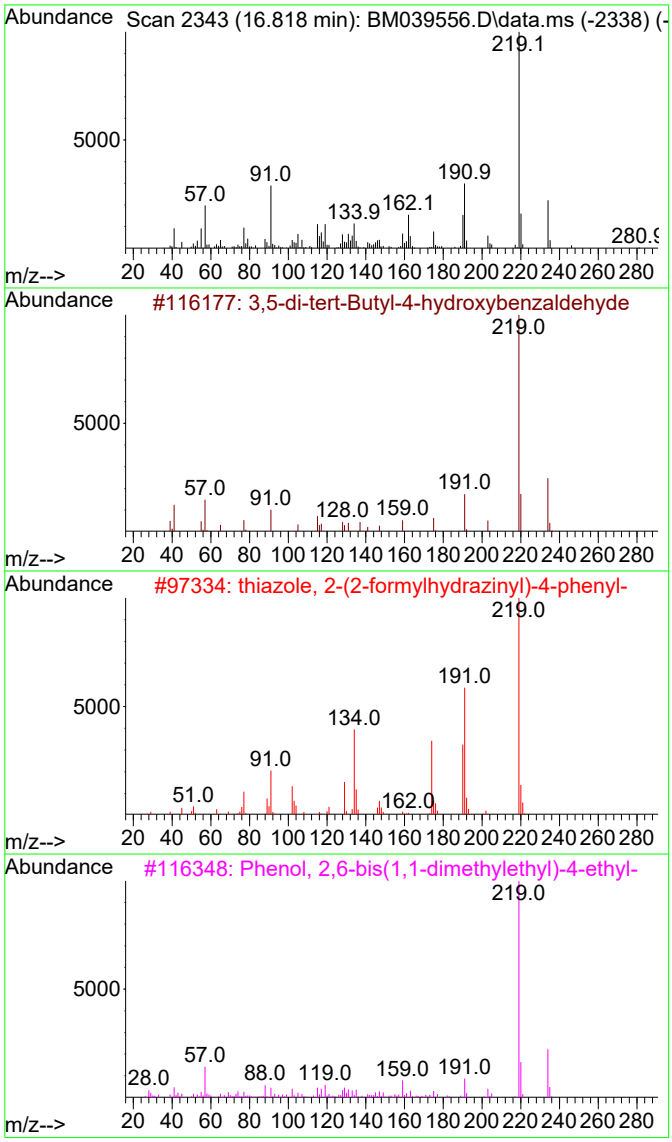
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

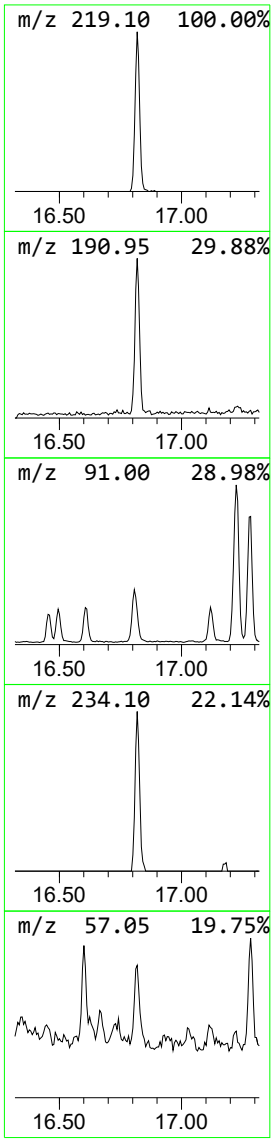
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.818	3.75 ng	330195	Phenanthrene-d10	17.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	96
2	thiazole, 2-(2-formylhydrazinyl)...	219	C10H9N3OS	1000400-76-3	68
3	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	68
4	3,5-Di-tert-butyl-2-hydroxybenza...	234	C15H22O2	037942-07-7	58
5	3-(1,2,4-Triazol-4-yl)phenoxyace...	219	C10H9N3O3	847606-79-5	55





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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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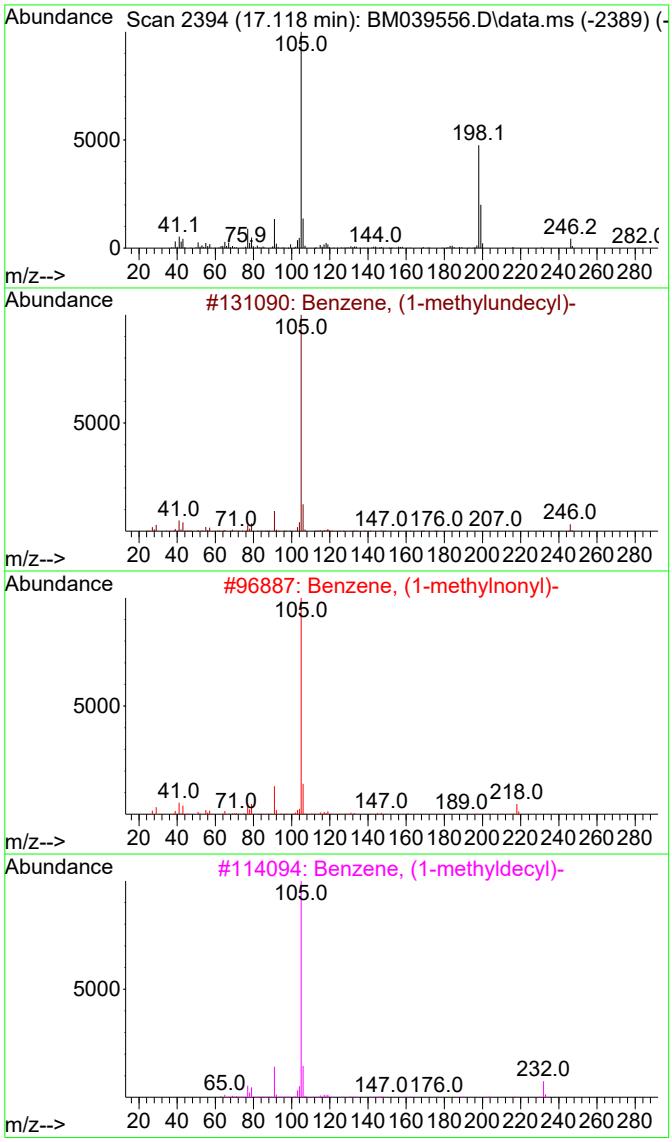
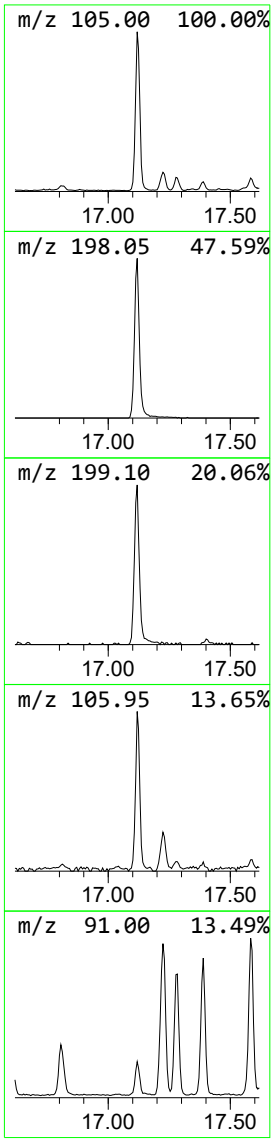
Peak Number 14 Benzene, (1-methylundecyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.118	4.15 ng	365457	Phenanthrene-d10	17.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	83
2	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	30
3	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	27
4	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	27
5	1-Hexene, 6-phenyl-4-(1-phenylet...	280	C20H24O	1010190-48-6	27





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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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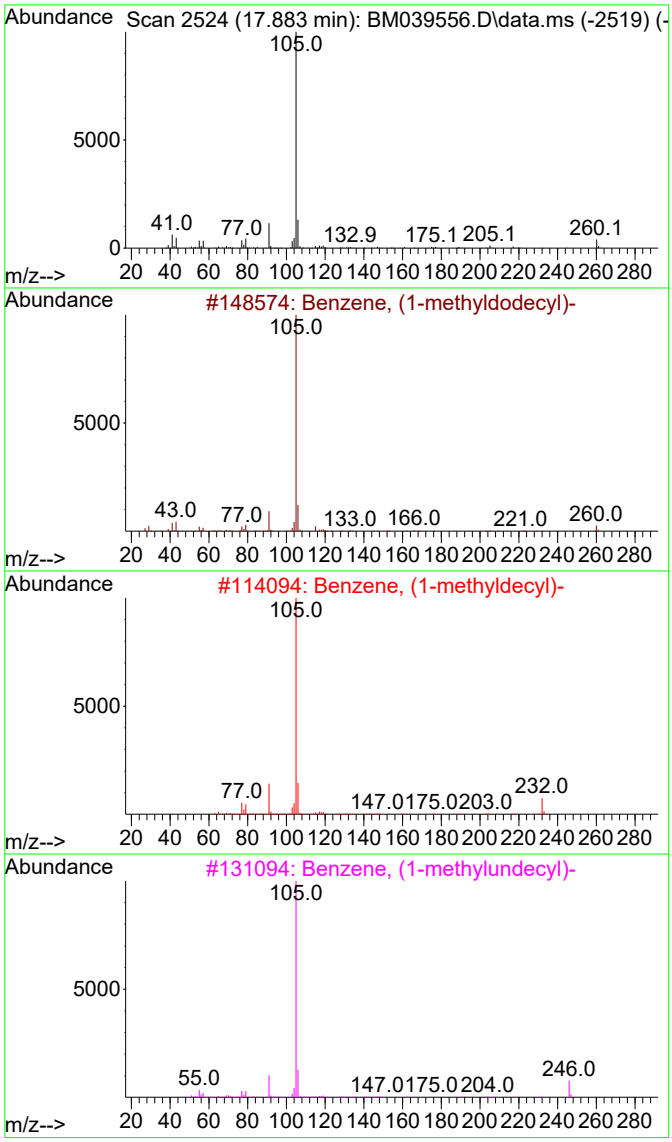
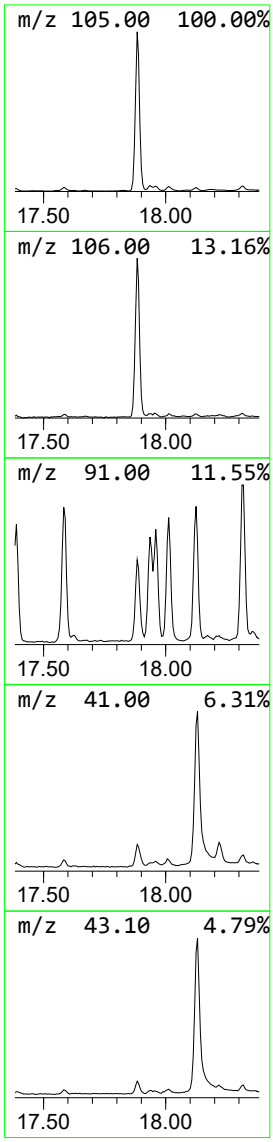
Peak Number 15 Benzene, (1-methyldodecyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.883	9.76 ng	860035	Phenanthrene-d10	17.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	93
2	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	81
3	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	76
4	Benzene, (1-methylnonadecyl)-	358	C26H46	002398-66-5	59
5	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	59





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Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.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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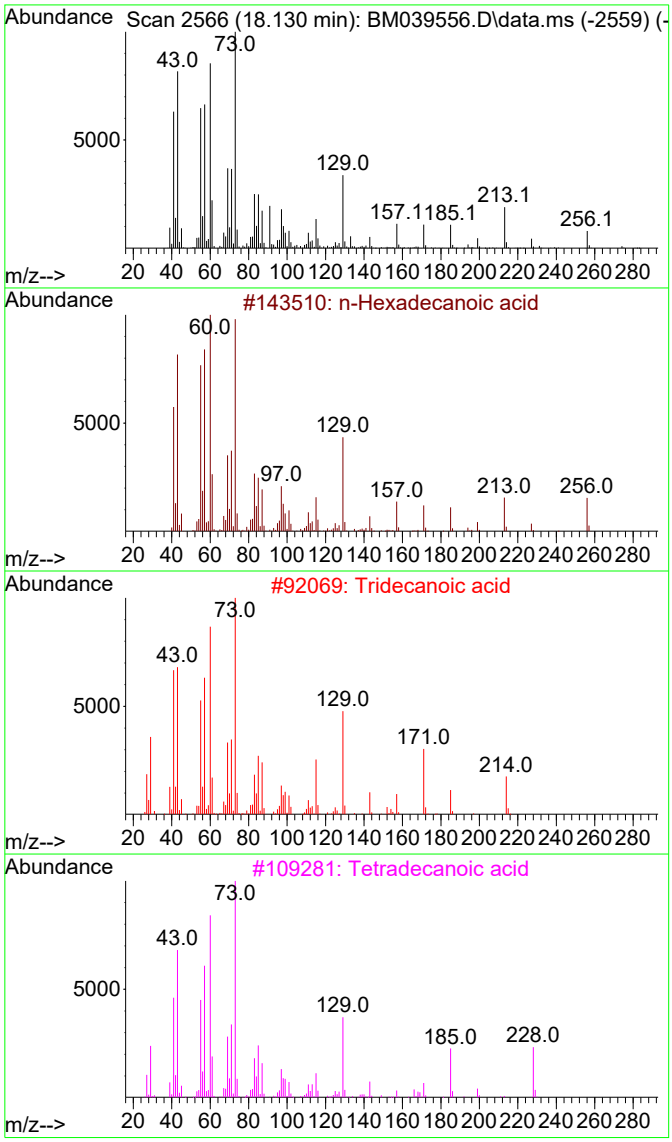
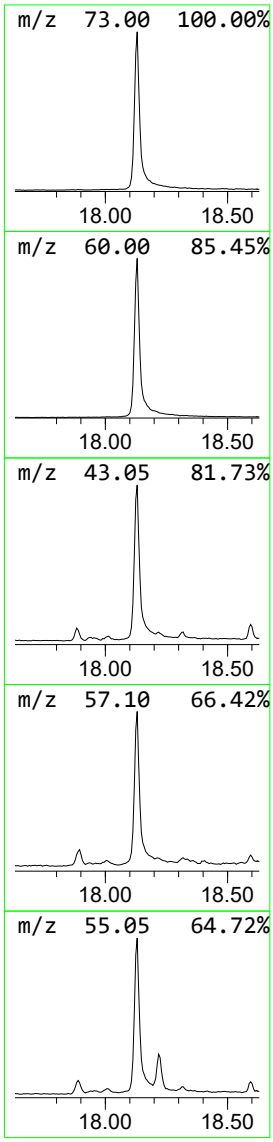
Peak Number 16 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.130	40.38 ng	3556170	Phenanthrene-d10	17.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





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ALS Vial : 4 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

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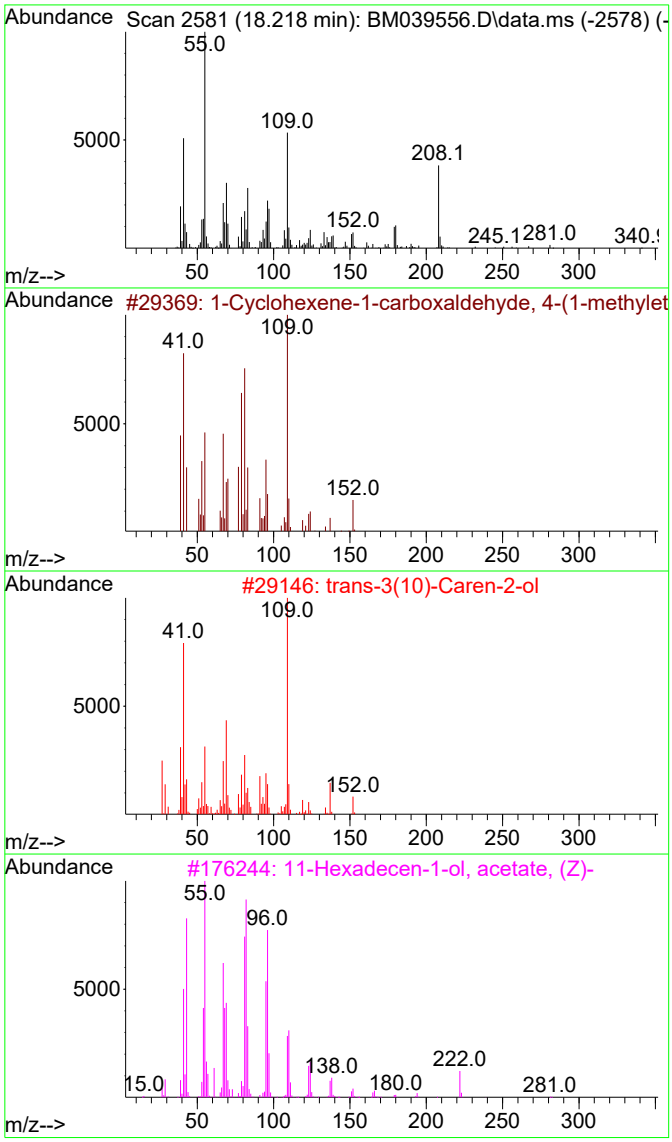
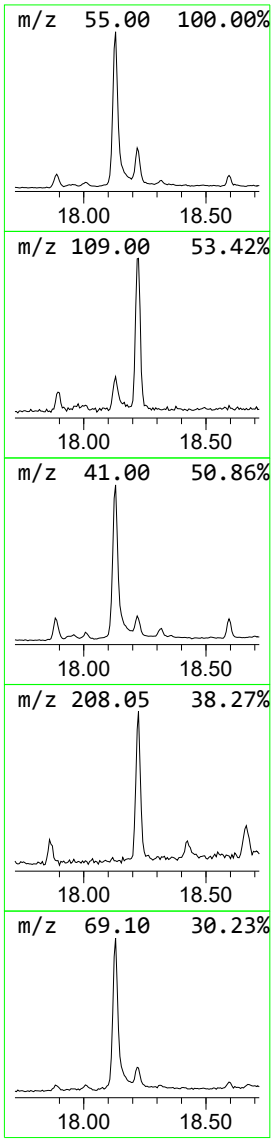
Peak Number 17 unknown18.218 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.218	4.27 ng	375821	Phenanthrene-d10	17.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	021391-98-0	38
2	trans-3(10)-Caren-2-ol	152	C10H16O	1010151-66-5	27
3	11-Hexadecen-1-ol, acetate, (Z)-	282	C18H34O2	034010-21-4	27
4	Z-13-Octadecen-1-yl acetate	310	C20H38O2	060037-58-3	22
5	3-Heptyne, 5-ethyl-5-methyl-	138	C10H18	061228-10-2	22





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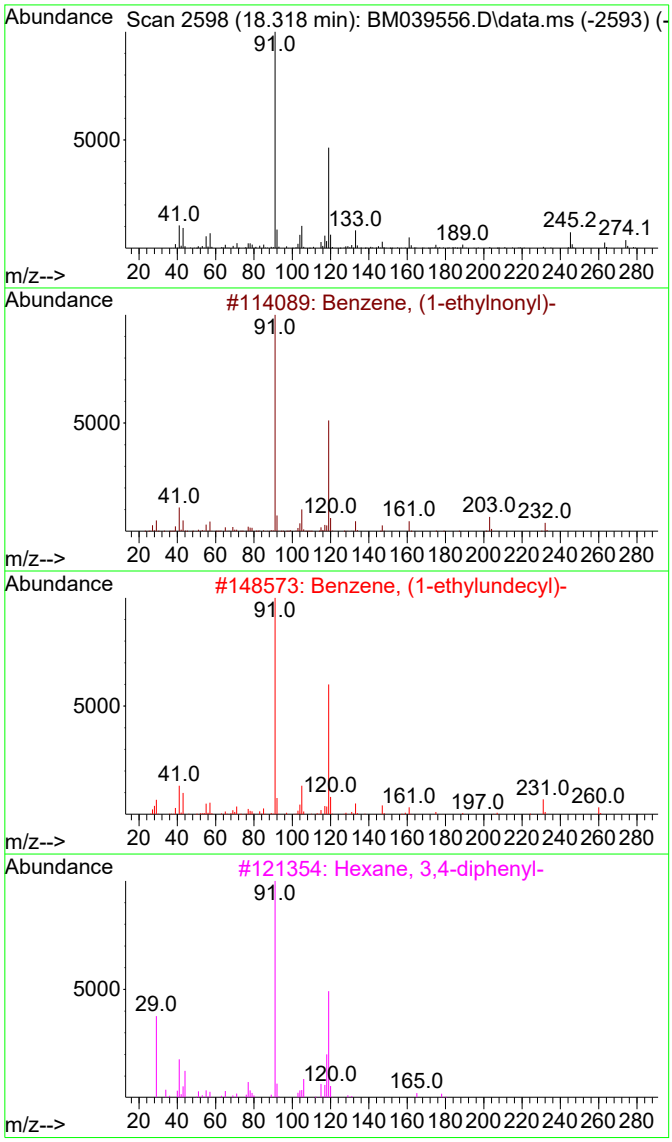
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

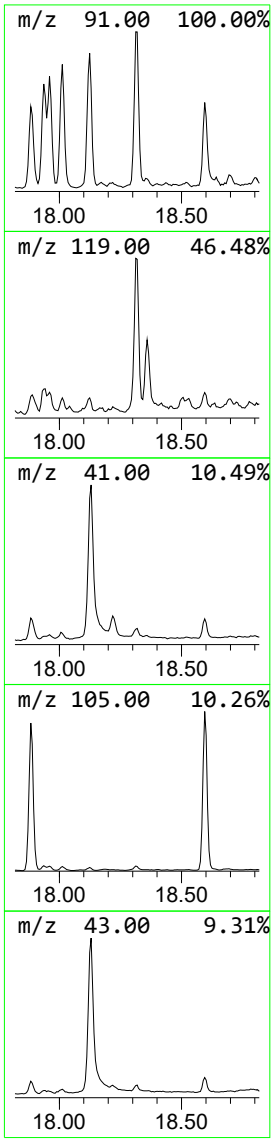
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, (1-ethylnonyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.318	3.22 ng	283900	Phenanthrene-d10	17.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	72
2	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	64
3	Hexane, 3,4-diphenyl-	238	C18H22	005789-31-1	53
4	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	53
5	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	52





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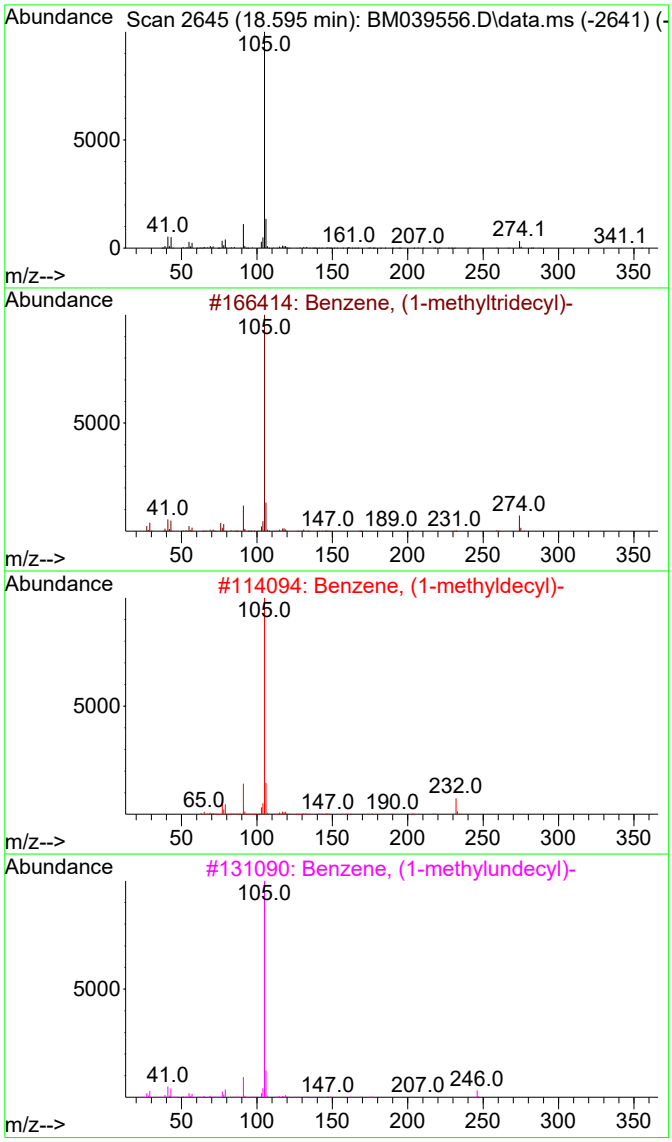
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

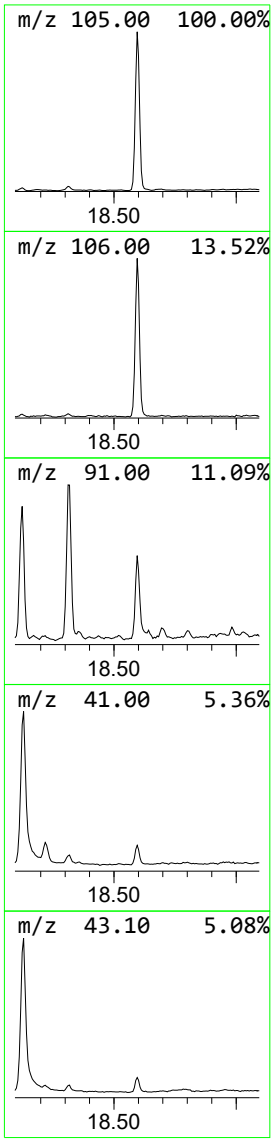
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, (1-methyltridecyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.595	8.35 ng	735106	Phenanthrene-d10	17.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	83
2	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	72
3	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	72
4	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	64
5	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	64





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

TIC Library : C:\Database\NIST20.L
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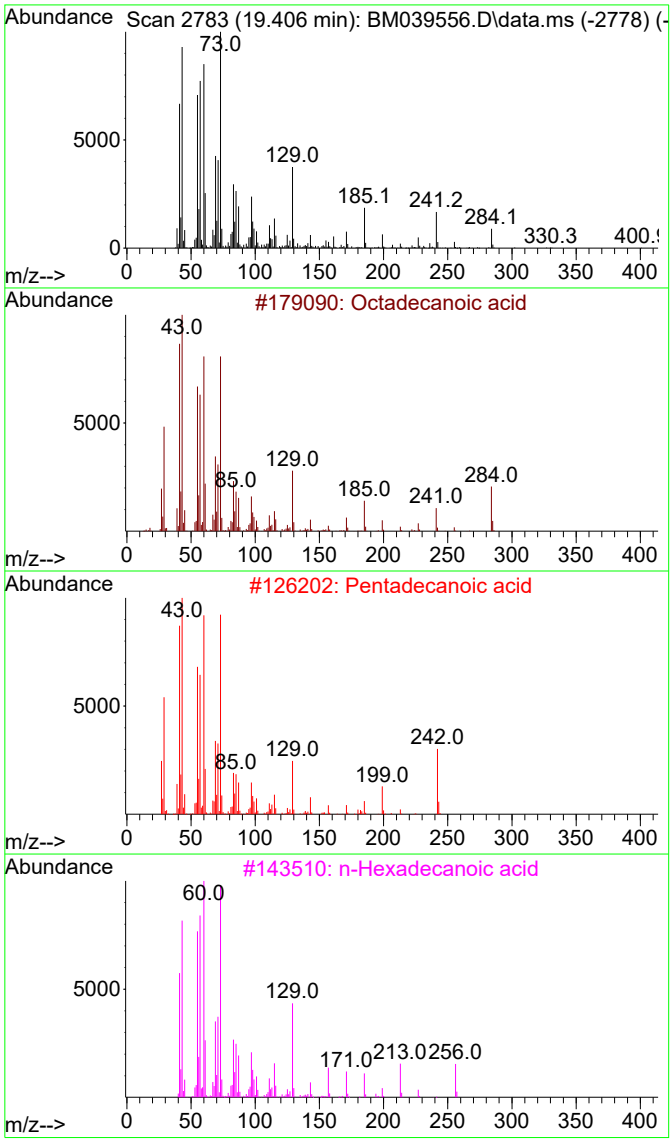
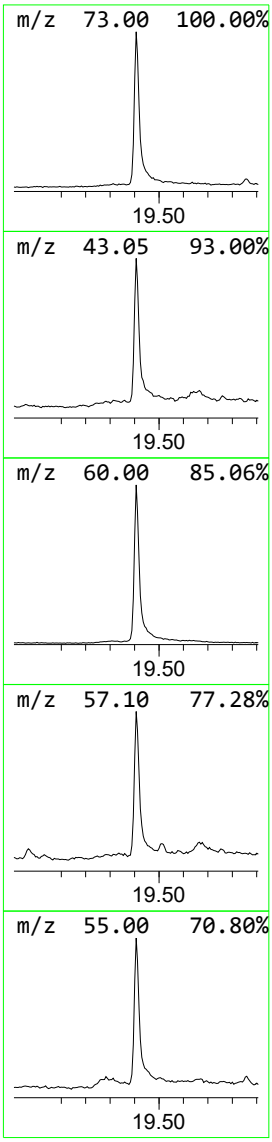
Peak Number 20 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.406	19.86 ng	1909410	Chrysene-d12	21.418

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	46





Tentatively Identified Compound (LSC) summary

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Acq On : 21 Apr 2023 18:02
Operator : CG/JU
Sample : 02403-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.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-...	4.913	6.1	ng	229209	1	7.819	749203	20.0
2,6-Lutidine	5.572	11.7	ng	439459	1	7.819	749203	20.0
Ethanol, 2-butoxy-	5.884	86.2	ng	3227310	1	7.819	749203	20.0
1-Hexanol, 2-et...	7.884	5.0	ng	187962	1	7.819	749203	20.0
2-Pyrrolidinone...	8.131	3.0	ng	110398	1	7.819	749203	20.0
Cyclopentene	9.078	5.1	ng	192370	1	7.819	749203	20.0
Hexanoic acid, ...	9.142	8.3	ng	309726	1	7.819	749203	20.0
Ethanol, 2-phen...	11.001	70.7	ng	4353460	2	10.625	1231210	20.0
Ethyl cycloprop...	12.307	5.5	ng	337994	2	10.625	1231210	20.0
Dodecanoic acid	14.901	5.5	ng	405388	3	14.471	1477980	20.0
unknown16.736	16.736	8.0	ng	708280	4	17.224	1761520	20.0
3,5-di-tert-But...	16.818	3.8	ng	330195	4	17.224	1761520	20.0
Benzene, (1-met...	17.118	4.2	ng	365457	4	17.224	1761520	20.0
Benzene, (1-met...	17.883	9.8	ng	860035	4	17.224	1761520	20.0
n-Hexadecanoic ...	18.130	40.4	ng	3556170	4	17.224	1761520	20.0
unknown18.218	18.218	4.3	ng	375821	4	17.224	1761520	20.0
Benzene, (1-eth...	18.318	3.2	ng	283900	4	17.224	1761520	20.0
Benzene, (1-met...	18.595	8.3	ng	735106	4	17.224	1761520	20.0
Octadecanoic acid	19.406	19.9	ng	1909410	5	21.418	1922830	20.0