LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
Data File : BM050000.D
Acq On : 22 Apr 2025 17:47
Operator : RC/JU
Sample : Q1841-03 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OILY-LIQUIDS

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-BM040825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050000.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.357	398	403	411	rVB	228214	356674	4.38%	1.089%
2	5.851	480	487	501	rBV	725664	1161762	14.26%	3.546%
3	6.957	669	675	684	rBV	151409	293017	3.60%	0.894%
4	7.557	773	777	787	rVB	67611	125570	1.54%	0.383%
5	7.763	805	812	822	rBV	908686	1495849	18.37%	4.565%
6	8.510	933	939	950	rBV	174512	366139	4.50%	1.117%
7	8.763	973	982	997	rBV	402660	933877	11.47%	2.850%
8	8.928	1003	1010	1017	rBV	158907	283138	3.48%	0.864%
9	9.933	1168	1181	1190	rBV	405986	814708	10.00%	2.486%
10	10.563	1276	1288	1296	rBV	1096302	1953333	23.98%	5.962%
11	11.598	1458	1464	1482	rBV	392159	914423	11.23%	2.791%
12	12.363	1590	1594	1603	rBV6	56453	109269	1.34%	0.333%
13	12.616	1633	1637	1643	rBV5	84668	158668	1.95%	0.484%
14	12.710	1648	1653	1659	rBV	335284	559169	6.87%	1.707%
15	12.845	1673	1676	1681	rBV4	74101	107588	1.32%	0.328%
16	13.027	1699	1707	1714	rBV	596691	1074196	13.19%	3.278%
17	13.221	1737	1740	1745	rVB2	158662	223511	2.74%	0.682%
18	13.686	1815	1819	1825	rBV7	326602	553834	6.80%	1.690%
19	13.833	1841	1844	1848	rBV2	305230	389296	4.78%	1.188%
20	13.945	1860	1863	1869	rVB3	368226	569883	7.00%	1.739%
21	14.063	1878	1883	1894	rBV	5048787	8144822	100.00%	24.858%
22	14.386	1934	1938	1939	rBV3	808397	1117889	13.73%	3.412%
23	14.415	1939	1943	1946	rVV	1611010	2310024	28.36%	7.050%
24	21.403	3127	3131	3150	rVB	2173053	4181518	51.34%	12.762%
25	23.215	3435	3439	3447	rVB	674039	1286100	15.79%	3.925%
26	24.403	3635	3641	3651	rVB	1346054	3281115	40.28%	10.014%

Sum of corrected areas: 32765372

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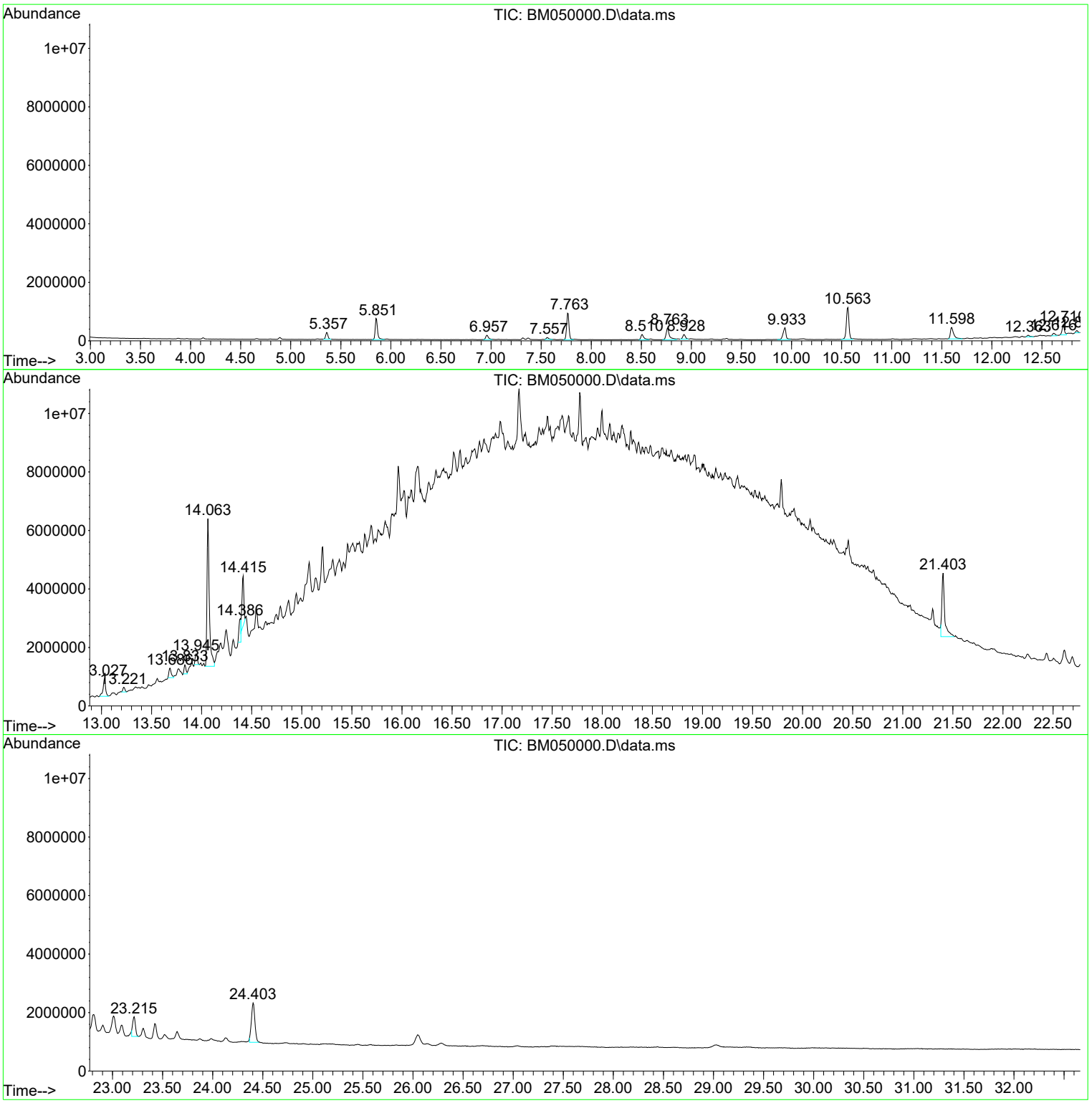
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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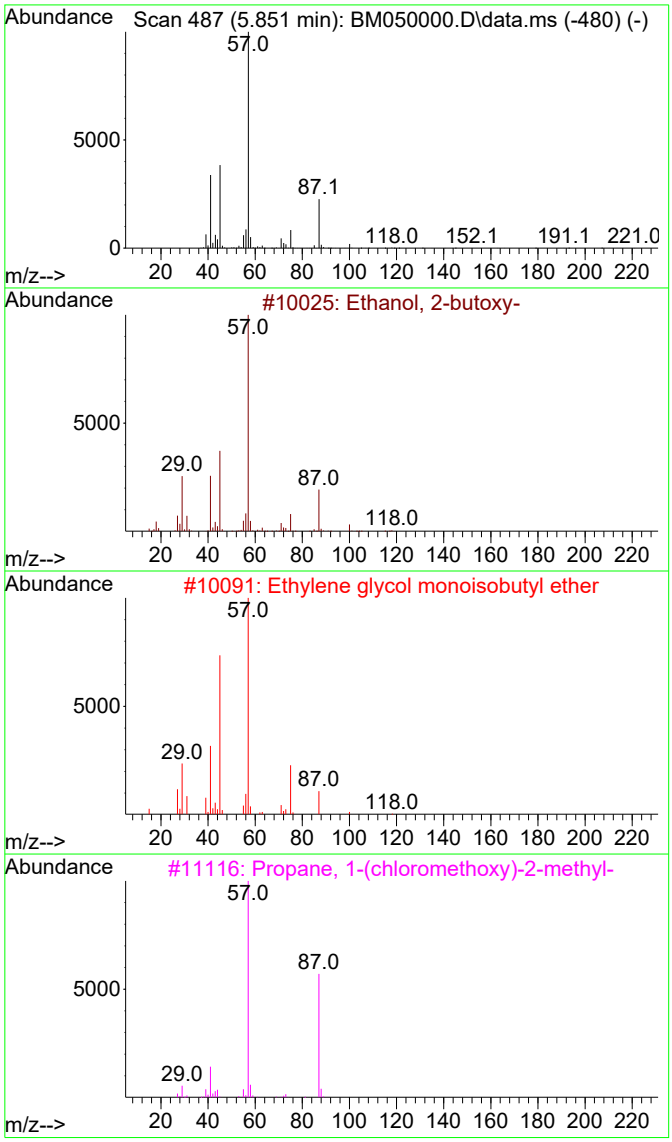
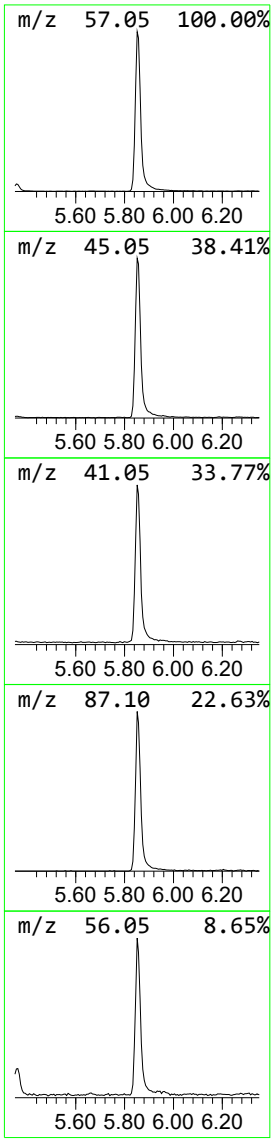
Peak Number 1 Ethanol, 2-butoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.851	15.53 ng	1161760	1,4-Dichlorobenzene-d4	7.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	38
3	Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	35
4	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	35
5	n-Butyl ether	130	C8H18O	000142-96-1	25





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

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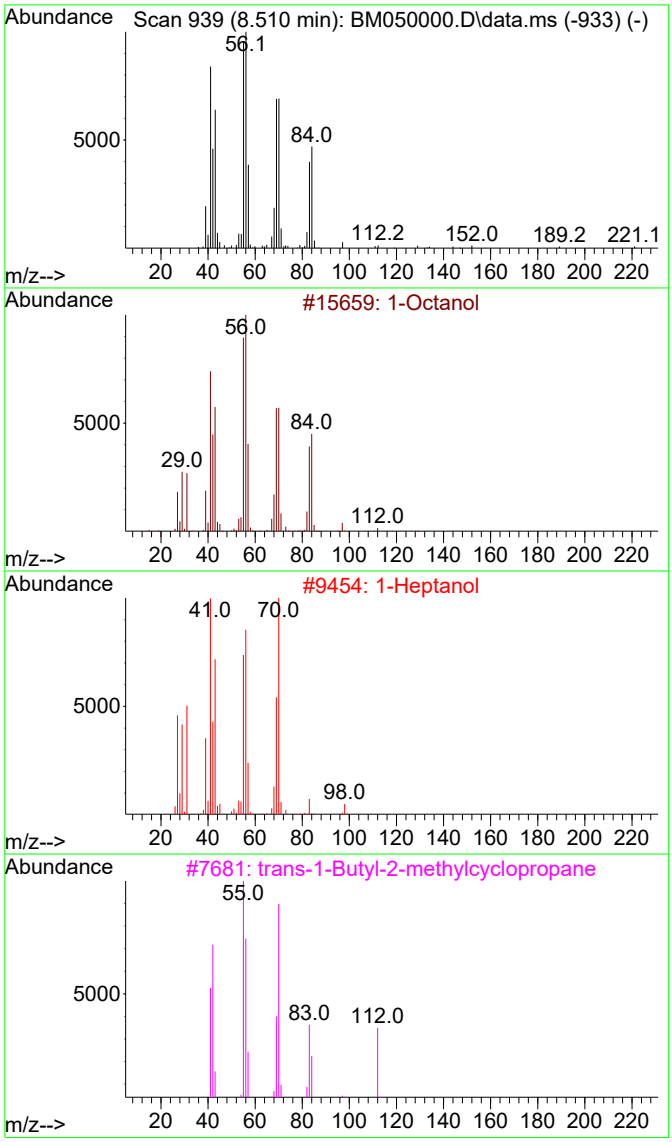
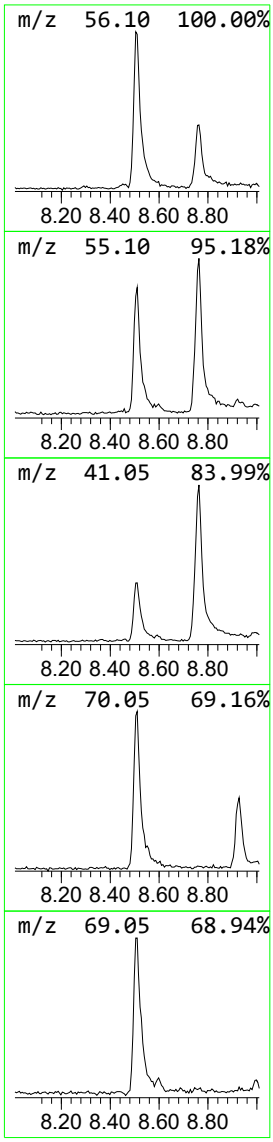
Peak Number 2 1-Octanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.510	4.90 ng	366139	1,4-Dichlorobenzene-d4	7.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol	130	C8H18O	000111-87-5	90
2	1-Heptanol	116	C7H16O	000111-70-6	53
3	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	50
4	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	50
5	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	50





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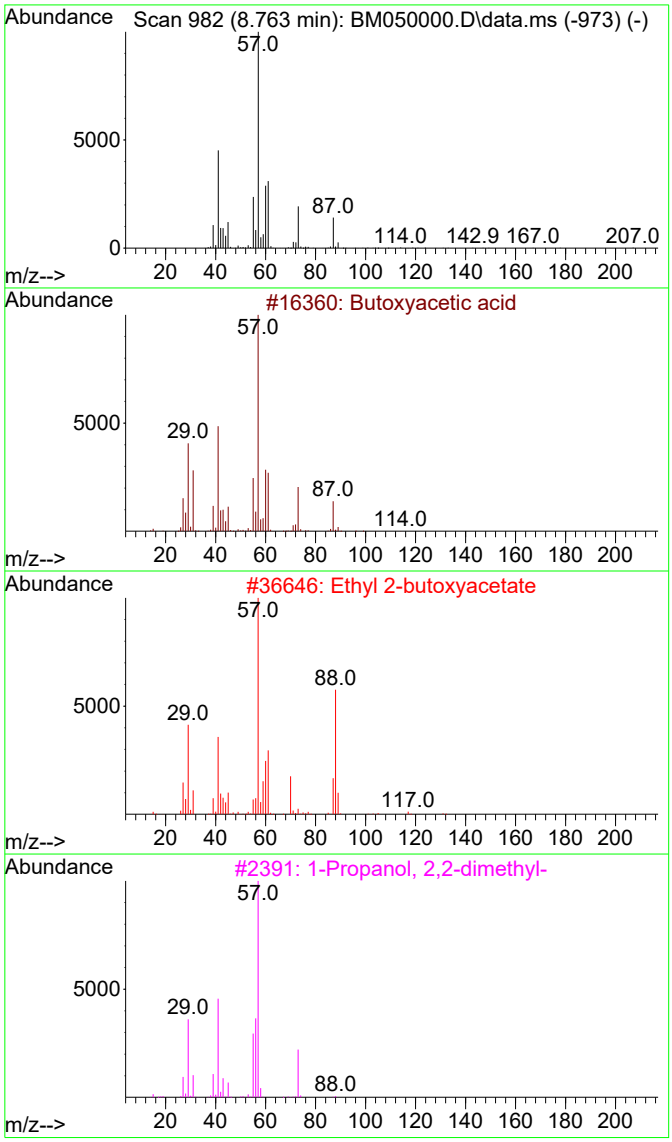
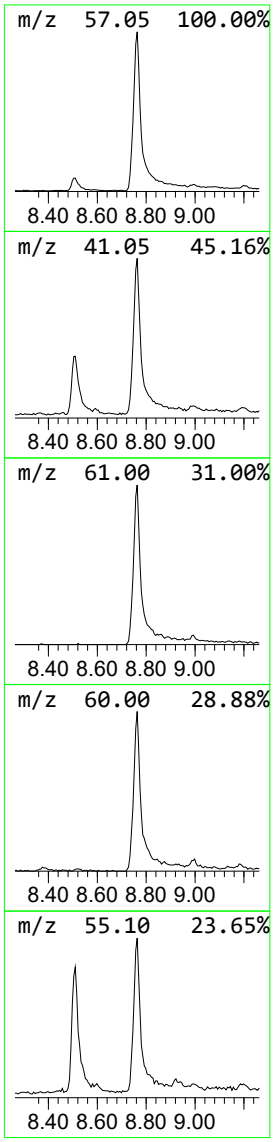
Peak Number 3 Butoxyacetic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.763	12.49 ng	933877	1,4-Dichlorobenzene-d4	7.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butoxyacetic acid	132	C6H12O3	002516-93-0	80
2	Ethyl 2-butoxyacetate	160	C8H16O3	1000366-89-3	50
3	1-Propanol, 2,2-dimethyl-	88	C5H12O	000075-84-3	27
4	3-Butoxy-1,2-propanediol	148	C7H16O3	000624-52-2	25
5	Butanoic acid, 3,3-dimethyl-	116	C6H12O2	001070-83-3	23





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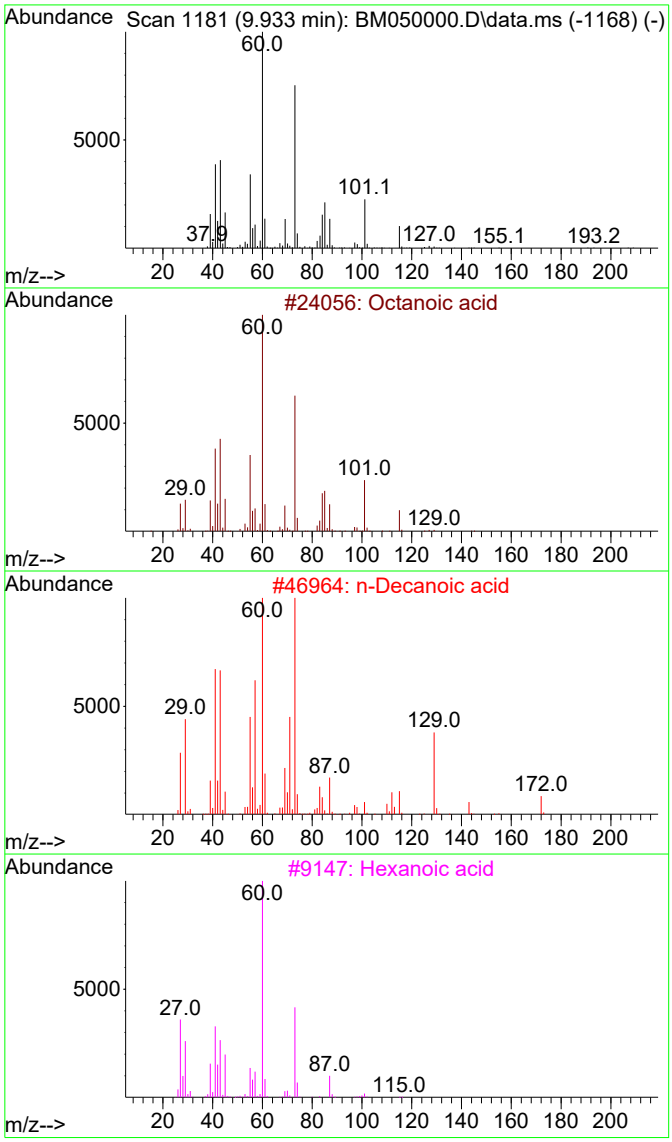
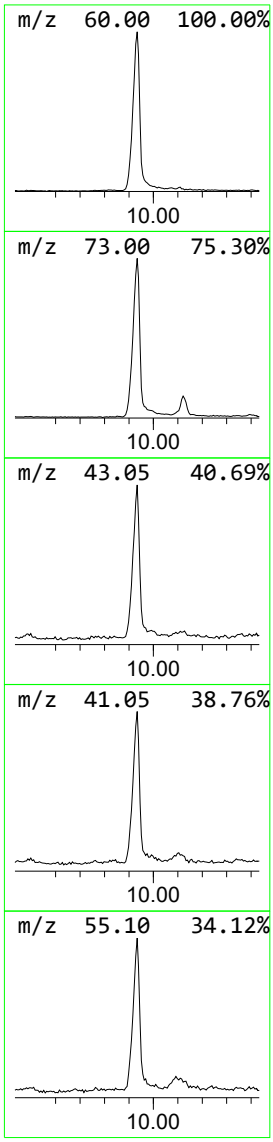
Peak Number 4 Octanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.933	8.34 ng	814708	Naphthalene-d8	10.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	97
2	n-Decanoic acid	172	C10H20O2	000334-48-5	50
3	Hexanoic acid	116	C6H12O2	000142-62-1	50
4	Pentanoic acid	102	C5H10O2	000109-52-4	47
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	47





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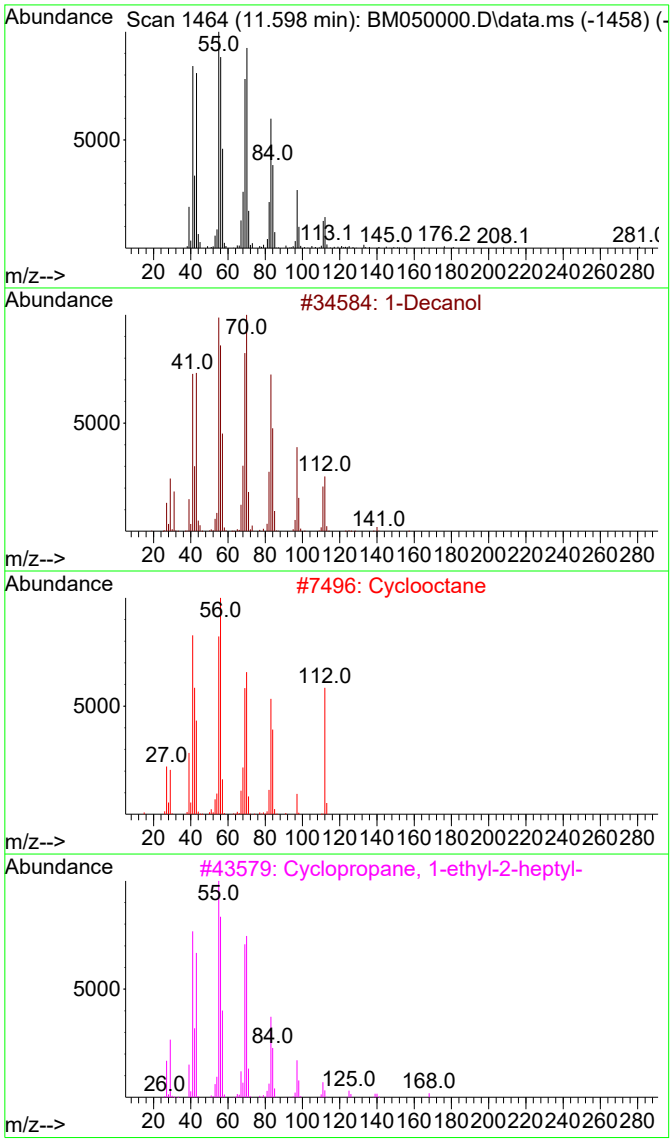
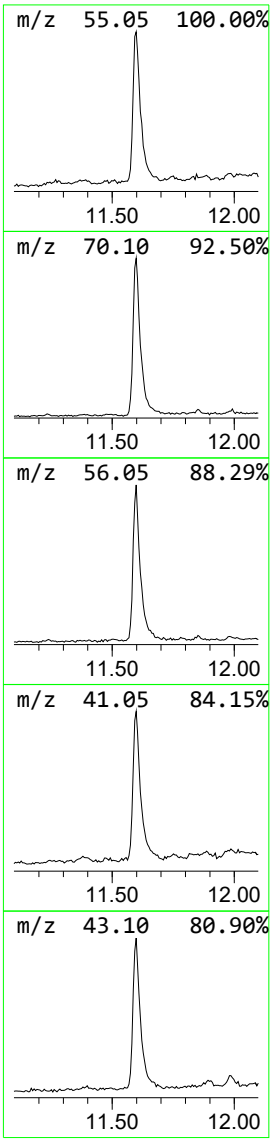
****

Peak Number 5 1-Decanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.598	9.36 ng	914423	Naphthalene-d8	10.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol	158	C10H22O	000112-30-1	91
2	Cyclooctane	112	C8H16	000292-64-8	87
3	Cyclopropane, 1-ethyl-2-heptyl-	168	C12H24	074663-86-8	80
4	4-Dodecene	168	C12H24	002030-84-4	72
5	1-Octyl trifluoroacetate	226	C10H17F3O2	002561-21-9	72





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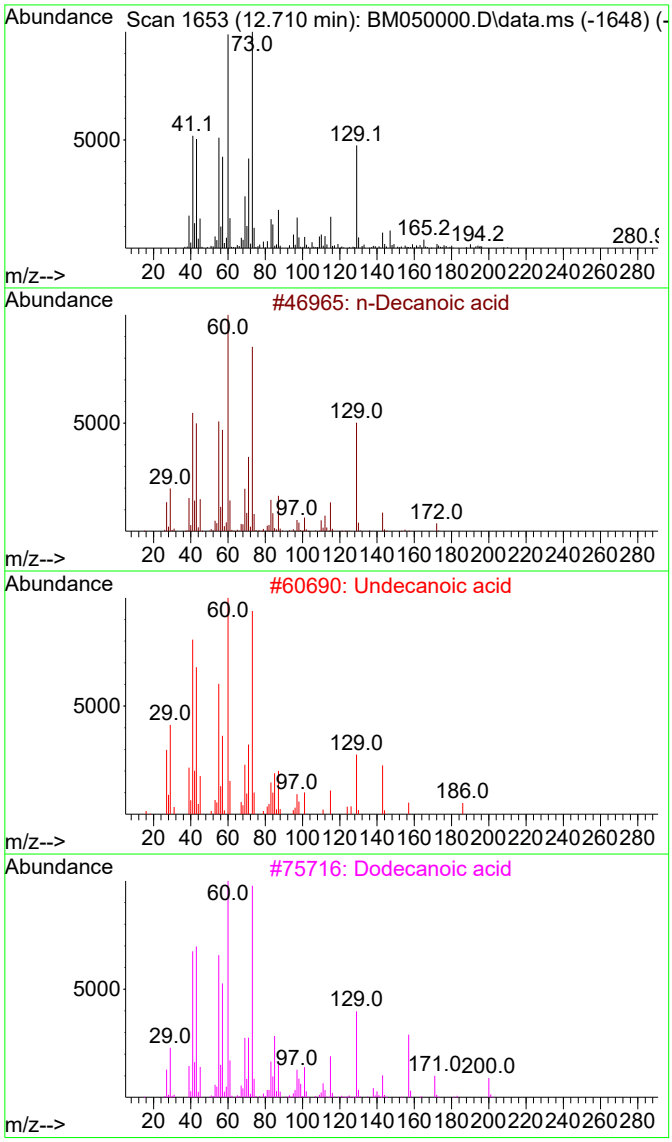
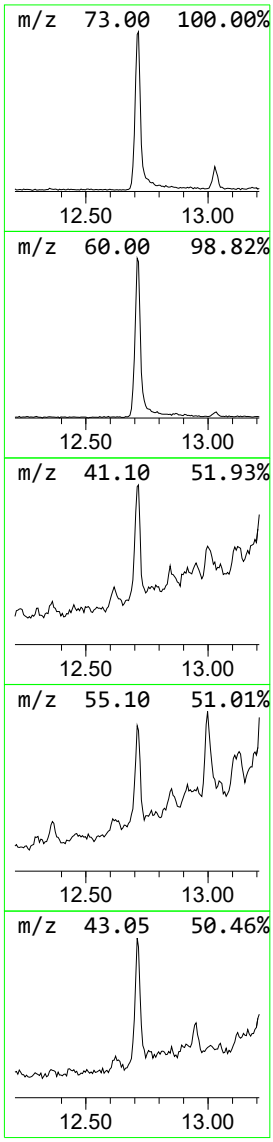
Peak Number 6 n-Decanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.710	4.84 ng	559169	Acenaphthene-d10	14.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	90
2	Undecanoic acid	186	C11H22O2	000112-37-8	72
3	Dodecanoic acid	200	C12H24O2	000143-07-7	64
4	Alpha-l-rhamnopyranose	164	C6H12O5	035810-56-1	50
5	Nonanoic acid	158	C9H18O2	000112-05-0	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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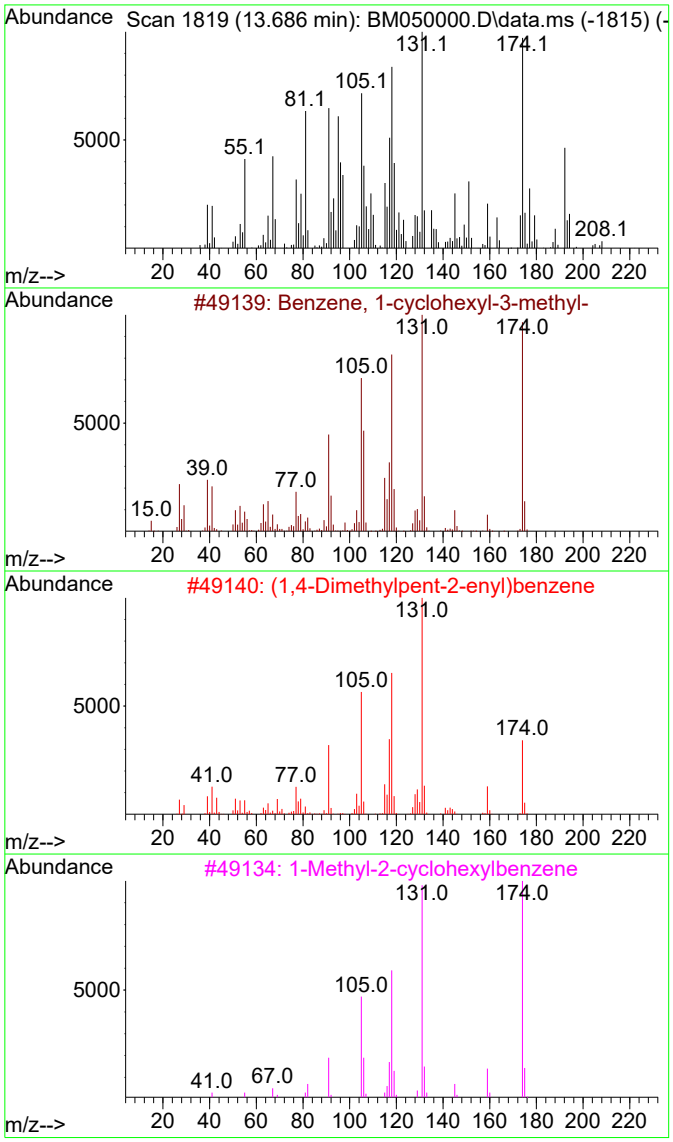
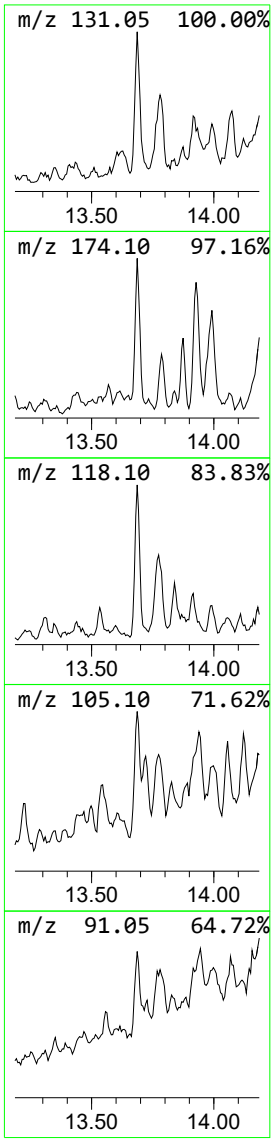
****
Peak Number 7 Benzene, 1-cyclohexyl-3-met... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.686	4.80 ng	553834	Acenaphthene-d10	14.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-cyclohexyl-3-methyl-	174	C13H18	004575-46-6	95
2	(1,4-Dimethylpent-2-enyl)benzene	174	C13H18	1000184-97-9	60
3	1-Methyl-2-cyclohexylbenzene	174	C13H18	004501-35-3	49
4	3-Methyl-2-(O-methylbenzyl)butanol	192	C13H20O	029107-38-8	38
5	4-Phenylcyclohexanone	174	C12H14O	004894-75-1	25





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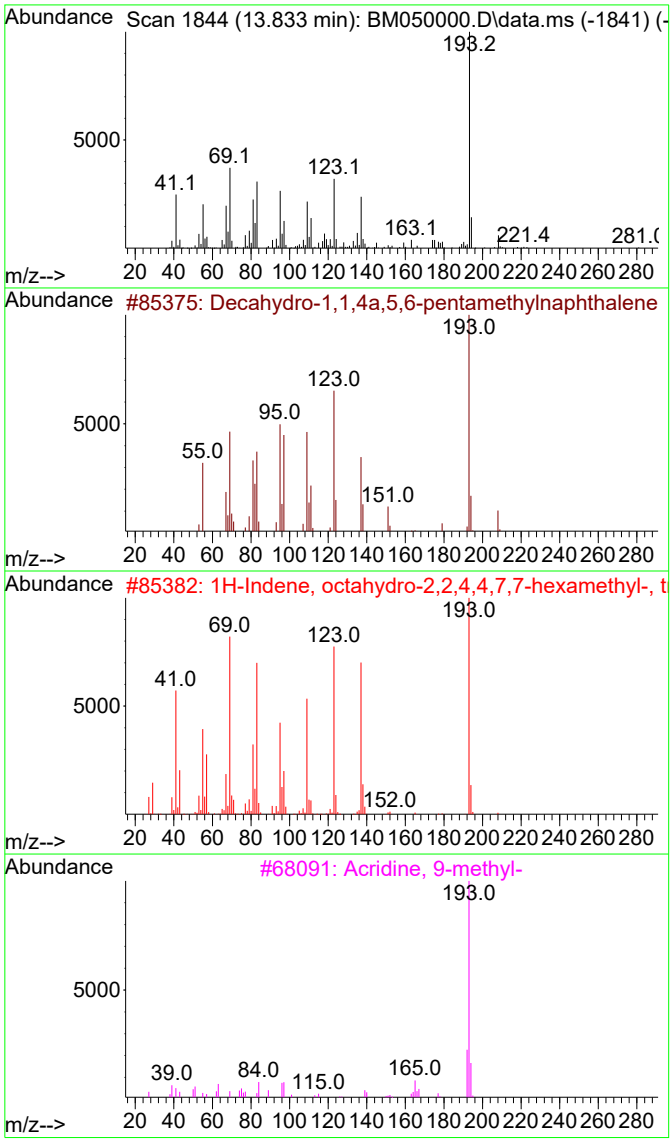
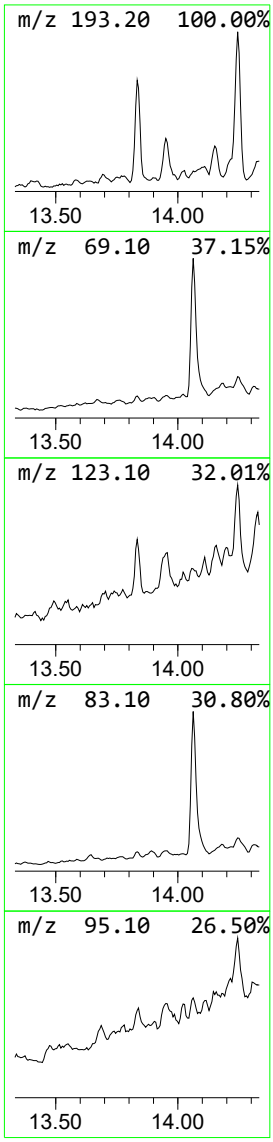
****
Peak Number 8 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	3.37 ng	389296	Acenaphthene-d10	14.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	58
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	49
3	Acridine, 9-methyl-	193	C14H11N	000611-64-3	35
4	Acetylene, 1-(2-aminophenyl)-2-p...	193	C14H11N	1000380-73-4	35
5	9-Phenanthrenamine	193	C14H11N	000947-73-9	35





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TIC Library : C:\Database\NIST20.L
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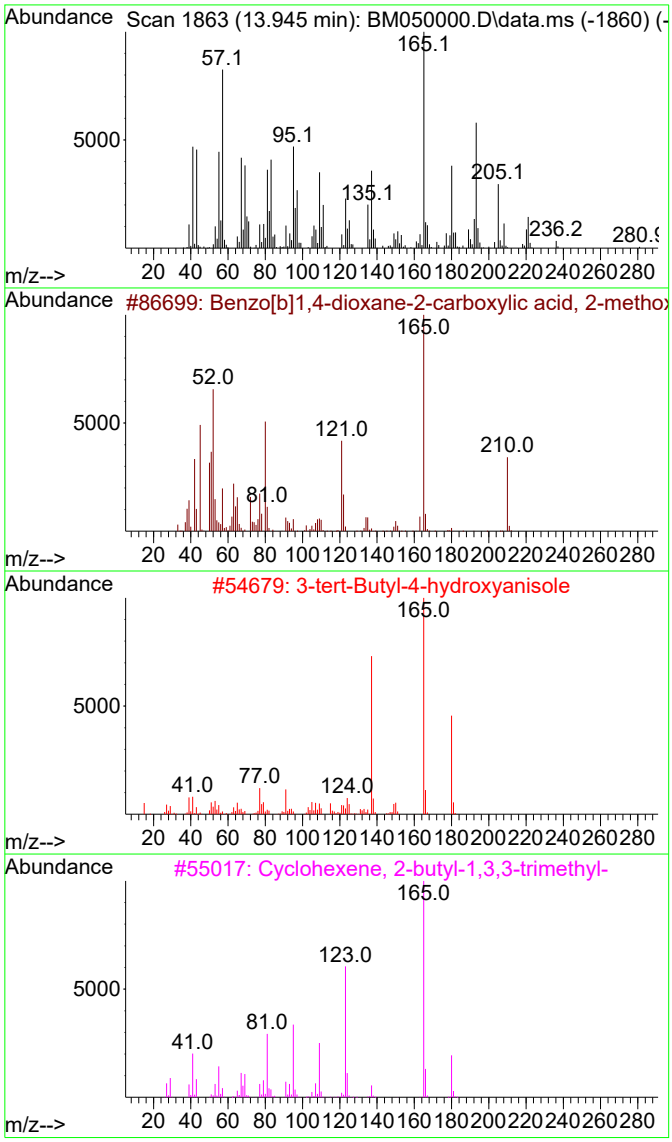
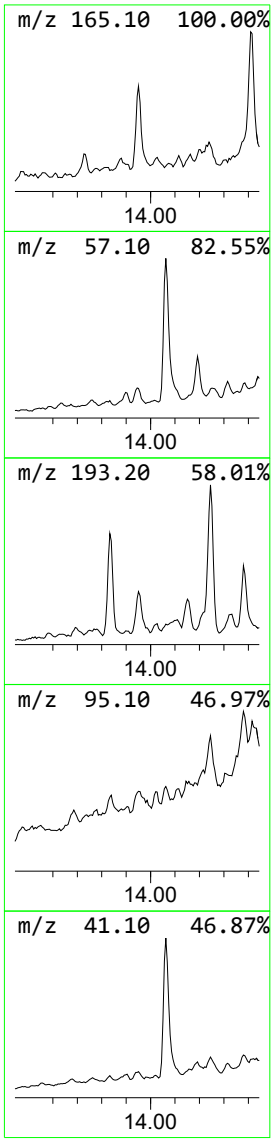
****
Peak Number 9 Benzo[b]1,4-dioxane-2-carbo... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.945	4.93 ng	569883	Acenaphthene-d10	14.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]1,4-dioxane-2-carboxylic...	210	C10H10O5	102575-15-5	60
2	3-tert-Butyl-4-hydroxyanisole	180	C11H16O2	000121-00-6	50
3	Cyclohexene, 2-butyl-1,3,3-trime...	180	C13H24	003293-50-3	49
4	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	48
5	Phenol, 3-(1,1-dimethylethyl)-4-...	180	C11H16O2	000088-32-4	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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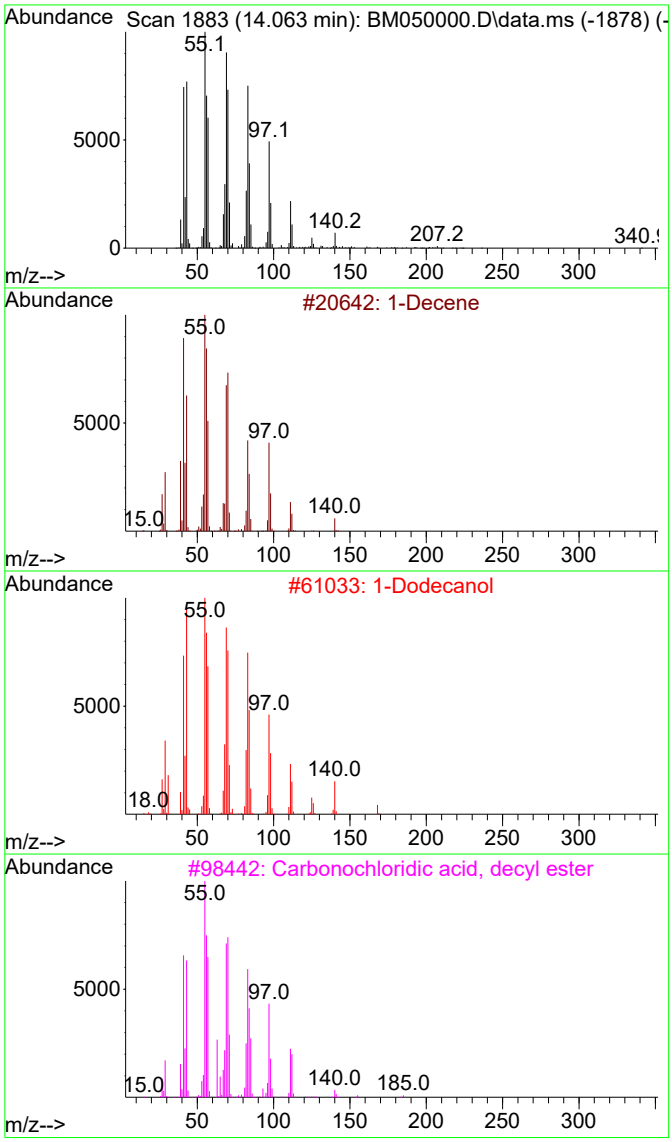
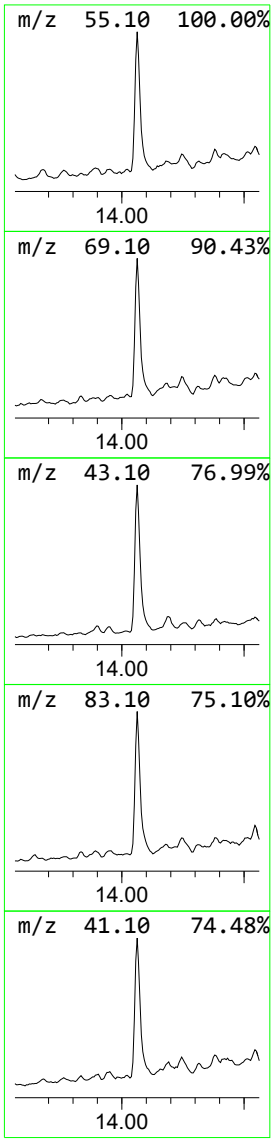
Peak Number 10 1-Decene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.063	70.52 ng	8144820	Acenaphthene-d10	14.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene	140	C10H20	000872-05-9	95
2	1-Dodecanol	186	C12H26O	000112-53-8	91
3	Carbonochloridic acid, decyl ester	220	C11H21ClO2	055488-51-2	91
4	Decyl trifluoroacetate	254	C12H21F3O2	000333-88-0	91
5	Cyclododecane	168	C12H24	000294-62-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
Data File : BM050000.D
Acq On : 22 Apr 2025 17:47
Operator : RC/JU
Sample : Q1841-03 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OILY-LIQUIDS

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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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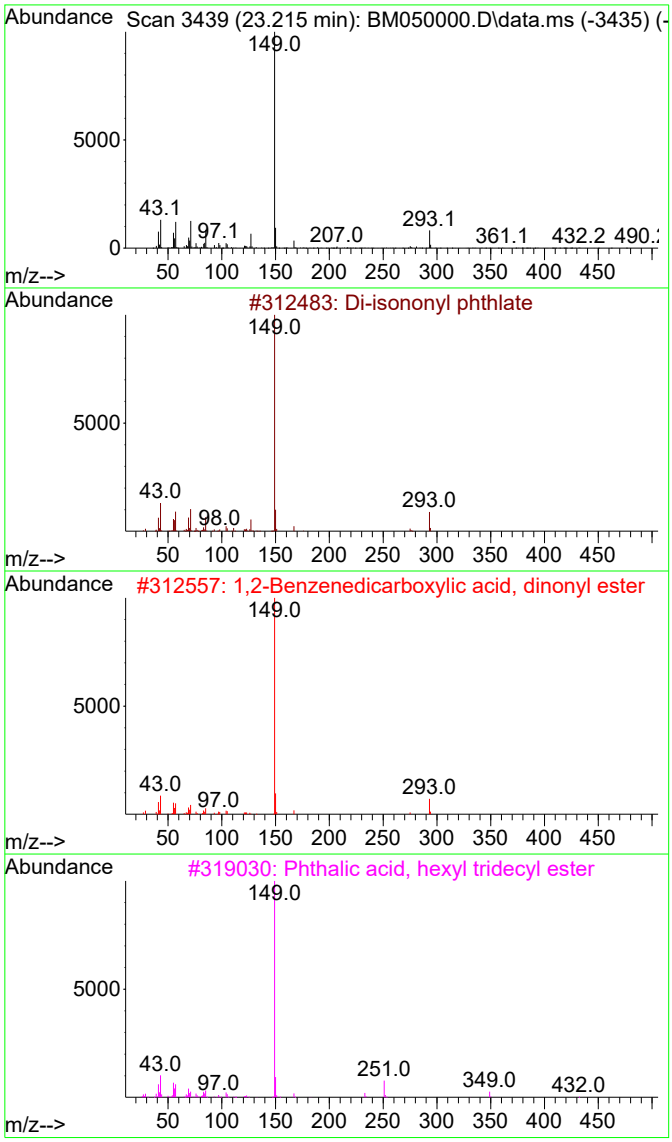
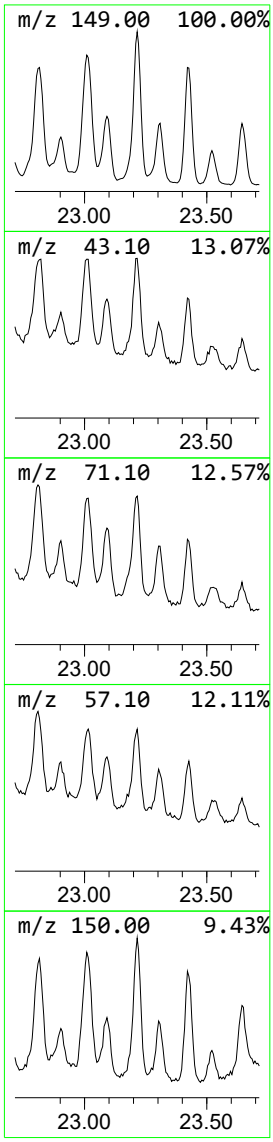
Peak Number 11 Di-isononyl phthlate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.215	7.84 ng	1286100	Perylene-d12	24.403

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-isononyl phthlate	418	C26H42O4	020548-62-3	91
2	1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	83
3	Phthalic acid, hexyl tridecyl ester	432	C27H44O4	1000308-99-1	81
4	Phthalic acid, 6-methylhept-2-yl...	404	C25H40O4	1000377-96-3	80
5	Phthalic acid, 2-ethylbutyl nony...	376	C23H36O4	1000356-89-4	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
Data File : BM050000.D
Acq On : 22 Apr 2025 17:47
Operator : RC/JU
Sample : Q1841-03 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OILY-LIQUIDS

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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
Ethanol, 2-butoxy-	5.851	15.5	ng	1161760	1	7.763	1495850	20.0
1-Octanol	8.510	4.9	ng	366139	1	7.763	1495850	20.0
Butoxyacetic acid	8.763	12.5	ng	933877	1	7.763	1495850	20.0
Octanoic acid	9.933	8.3	ng	814708	2	10.563	1953330	20.0
1-Decanol	11.598	9.4	ng	914423	2	10.563	1953330	20.0
n-Decanoic acid	12.710	4.8	ng	559169	3	14.415	2310020	20.0
Benzene, 1-cycl...	13.686	4.8	ng	553834	3	14.415	2310020	20.0
Decahydro-1,1,4...	13.833	3.4	ng	389296	3	14.415	2310020	20.0
Benzo[b]1,4-dio...	13.945	4.9	ng	569883	3	14.415	2310020	20.0
1-Decene	14.063	70.5	ng	8144820	3	14.415	2310020	20.0
Di-isononyl pht...	23.215	7.8	ng	1286100	6	24.403	3281120	20.0