LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029101.D
Acq On : 11 Mar 2021 18:59
Operator : CG/JU
Sample : M1618-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-2-15-15.5-BGS

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-BM022321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029101.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.234	376	382	395	rBV	137302	198595	47.02%	7.367%
2	6.857	652	658	672	rBV	128332	208435	49.35%	7.732%
3	7.657	789	794	801	rVB	33188	48453	11.47%	1.797%
4	8.834	988	994	1008	rVB	83548	134818	31.92%	5.001%
5	10.410	1256	1262	1265	rBV	15325	22970	5.44%	0.852%
6	10.451	1265	1269	1276	rVB	43351	67069	15.88%	2.488%
7	10.592	1288	1293	1298	rVB2	7055	9633	2.28%	0.357%
8	11.192	1392	1395	1401	rVB2	3439	5171	1.22%	0.192%
9	11.269	1401	1408	1412	rBV2	4586	7303	1.73%	0.271%
10	11.345	1417	1421	1430	rVB2	7084	12157	2.88%	0.451%
11	11.451	1430	1439	1445	rBV	18185	30868	7.31%	1.145%
12	11.863	1500	1509	1516	rBV	60348	91961	21.77%	3.411%
13	11.969	1520	1527	1529	rVV4	2124	5289	1.25%	0.196%
14	12.004	1529	1533	1536	rVV3	3971	6450	1.53%	0.239%
15	12.086	1540	1547	1553	rVB3	5442	12557	2.97%	0.466%
16	12.245	1569	1574	1581	rVB3	3004	5966	1.41%	0.221%
17	12.316	1581	1586	1591	rBV4	2243	5023	1.19%	0.186%
18	12.510	1612	1619	1623	rBV5	5522	9664	2.29%	0.358%
19	12.569	1623	1629	1635	rVV5	6379	14894	3.53%	0.552%
20	12.622	1635	1638	1642	rVV	4622	5545	1.31%	0.206%
21	12.692	1645	1650	1657	rBV2	7810	11931	2.82%	0.443%
22	12.780	1662	1665	1670	rBV2	6471	8566	2.03%	0.318%
23	12.833	1670	1674	1679	rVB	16815	22399	5.30%	0.831%
24	12.939	1686	1692	1700	rVB	193088	270945	64.15%	10.050%
25	13.133	1716	1725	1732	rBV	60001	89200	21.12%	3.309%
26	13.663	1807	1815	1819	rBV4	3003	6399	1.51%	0.237%
27	13.704	1819	1822	1827	rVV3	3581	5317	1.26%	0.197%
28	13.792	1828	1837	1842	rVV2	17919	30122	7.13%	1.117%
29	13.839	1842	1845	1851	rVB	5585	7910	1.87%	0.293%
30	13.916	1853	1858	1862	rVB2	3369	4532	1.07%	0.168%
31	14.216	1903	1909	1916	rBV	30815	37329	8.84%	1.385%
32	14.327	1923	1928	1935	rVB	62340	85469	20.23%	3.170%
33	15.827	2178	2183	2194	rBV	147959	202134	47.86%	7.498%
34	17.074	2389	2395	2401	rBV	72377	98278	23.27%	3.645%
35	17.968	2543	2547	2557	rBV	41776	58410	13.83%	2.167%
36	18.439	2622	2627	2633	rBV4	1957	4645	1.10%	0.172%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029101.D
Acq On : 11 Mar 2021 18:59
Operator : CG/JU
Sample : M1618-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-2-15-15.5-BGS

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-BM022321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.709	2669	2673	2677	rBV	12681	16066	3.80%	0.596%
38	18.886	2697	2703	2706	rBV4	6964	8577	2.03%	0.318%
39	19.133	2738	2745	2751	rBV3	9861	18131	4.29%	0.673%
40	19.251	2761	2765	2773	rBV2	22186	30032	7.11%	1.114%
41	19.386	2785	2788	2796	rVB	10641	13822	3.27%	0.513%
42	19.504	2805	2808	2814	rVB	3047	4952	1.17%	0.184%
43	19.704	2836	2842	2847	rVB	345615	422383	100.00%	15.668%
44	19.998	2890	2892	2898	rVB6	3225	4667	1.10%	0.173%
45	20.462	2967	2971	2974	rBV	17953	18886	4.47%	0.701%
46	20.968	3050	3057	3067	rBV2	36769	61798	14.63%	2.292%
47	21.251	3100	3105	3110	rBV	97869	128348	30.39%	4.761%
48	23.403	3467	3471	3479	rVB2	72487	121812	28.84%	4.518%

Sum of corrected areas: 2695881

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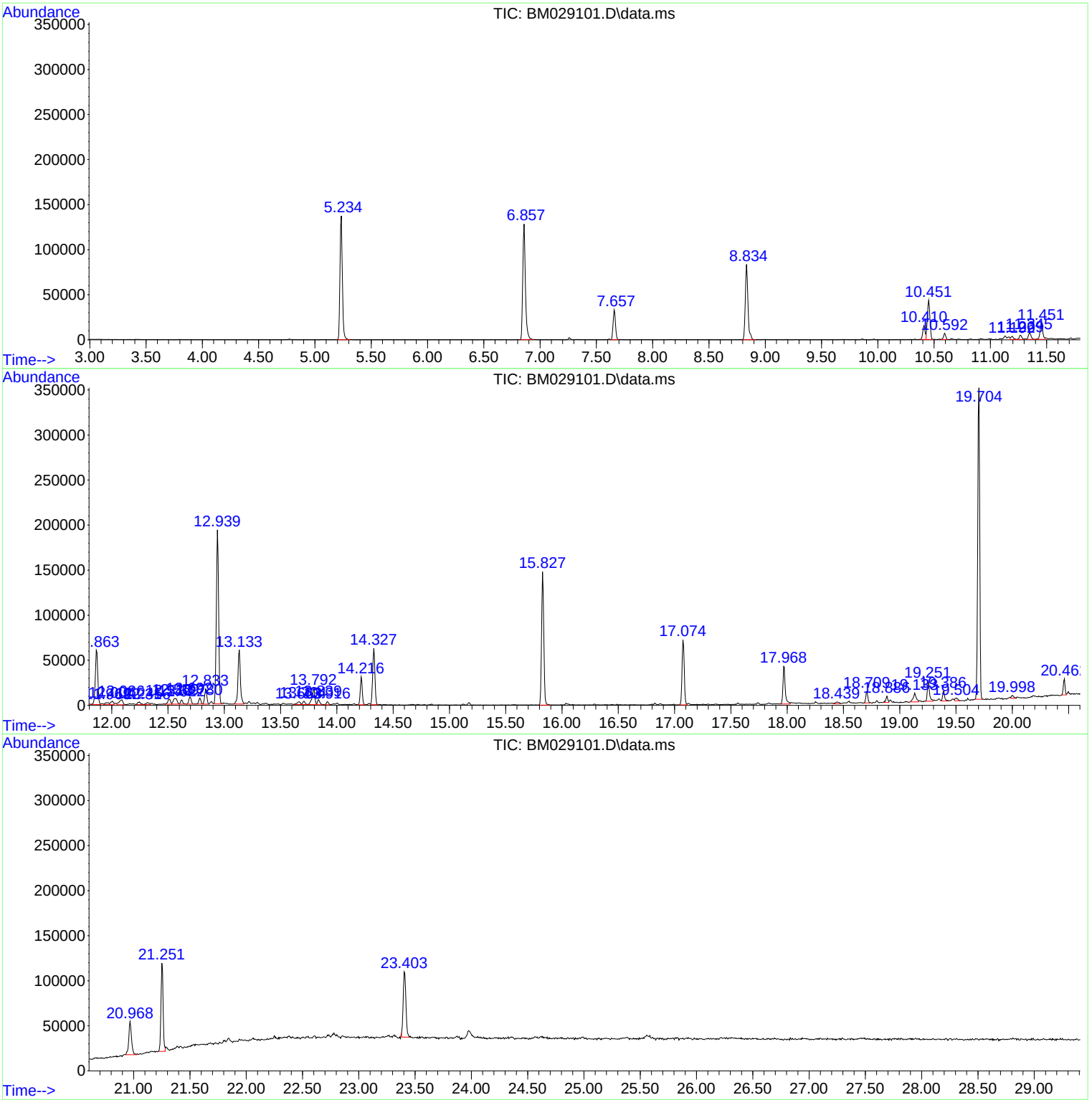
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CSB-2-15-15.5-BGS

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029101.D
Acq On : 11 Mar 2021 18:59
Operator : CG/JU
Sample : M1618-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CSB-2-15-15.5-BGS

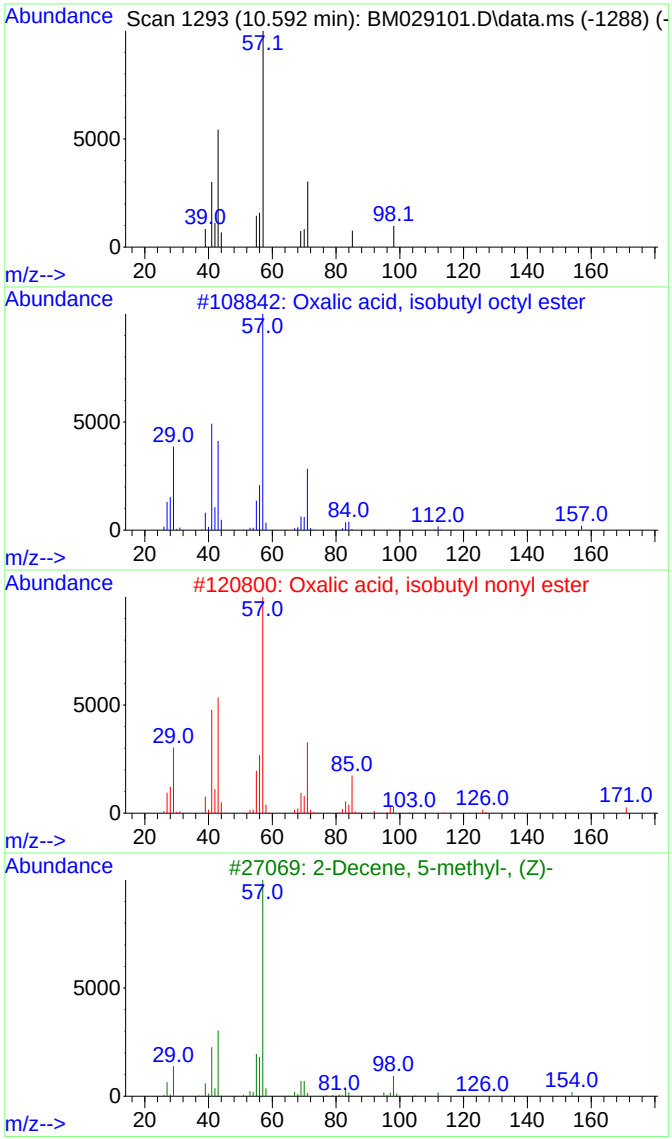
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

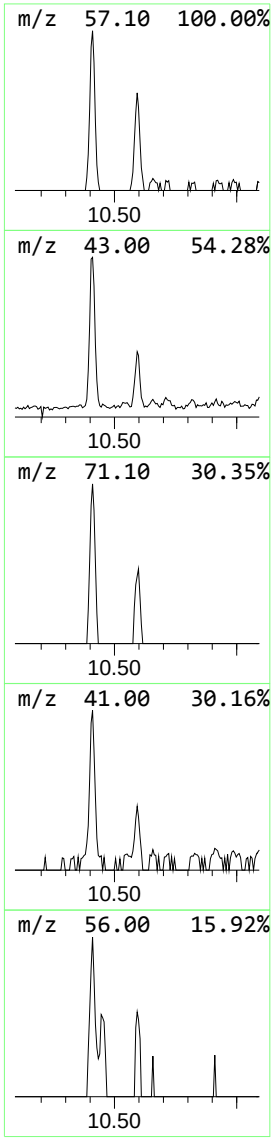
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Oxalic acid, isobutyl octyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.592	2.87 ng	9633	Naphthalene-d8	10.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	64
2	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	42
3	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	38
4	Oxalic acid, heptyl propyl ester	230	C12H22O4	1000309-26-0	38
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029101.D
Acq On : 11 Mar 2021 18:59
Operator : CG/JU
Sample : M1618-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-2-15-15.5-BGS

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

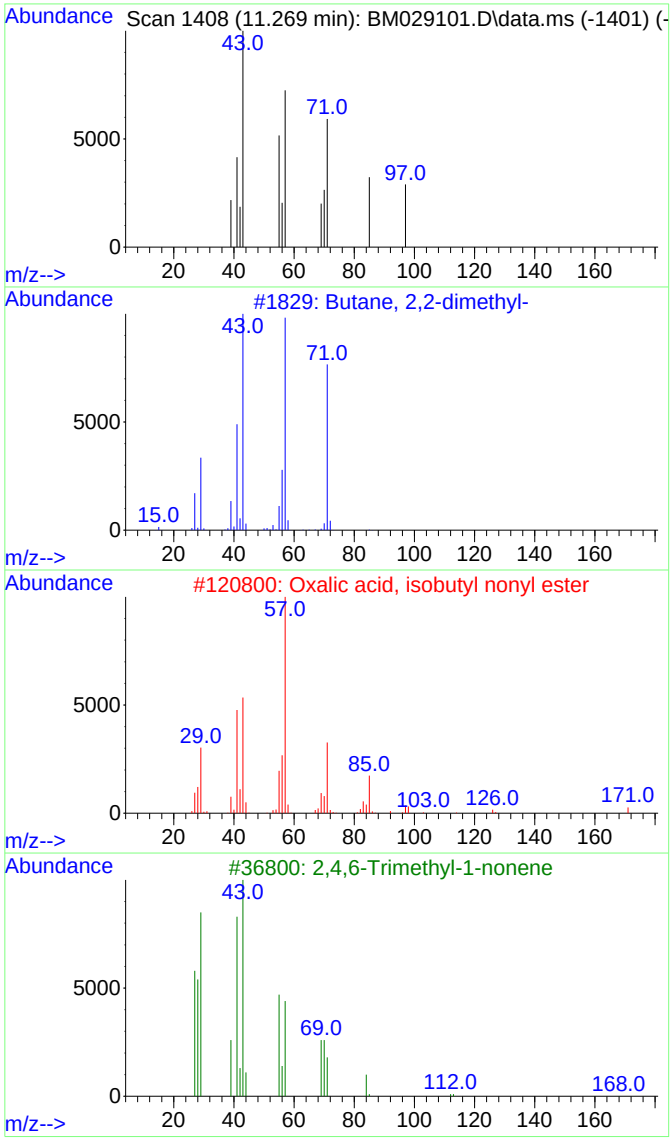
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

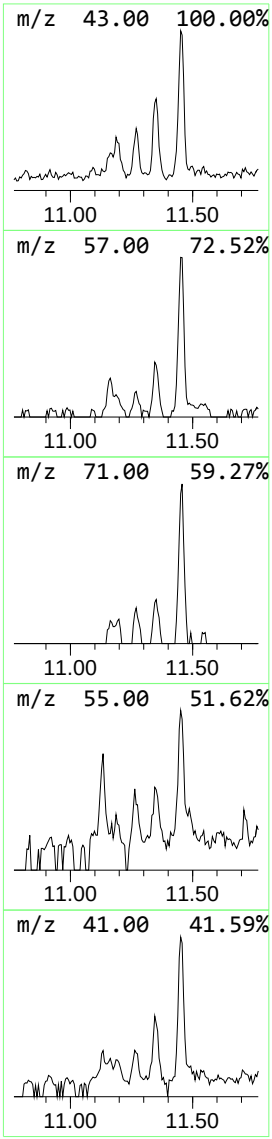
****

Peak Number 2 unknown11.269 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.269	2.18 ng	7303	Naphthalene-d8	10.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	28
2	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	28
3	2,4,6-Trimethyl-1-nonene	168	C12H24	055771-40-9	25
4	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	23
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029101.D
Acq On : 11 Mar 2021 18:59
Operator : CG/JU
Sample : M1618-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CSB-2-15-15.5-BGS

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

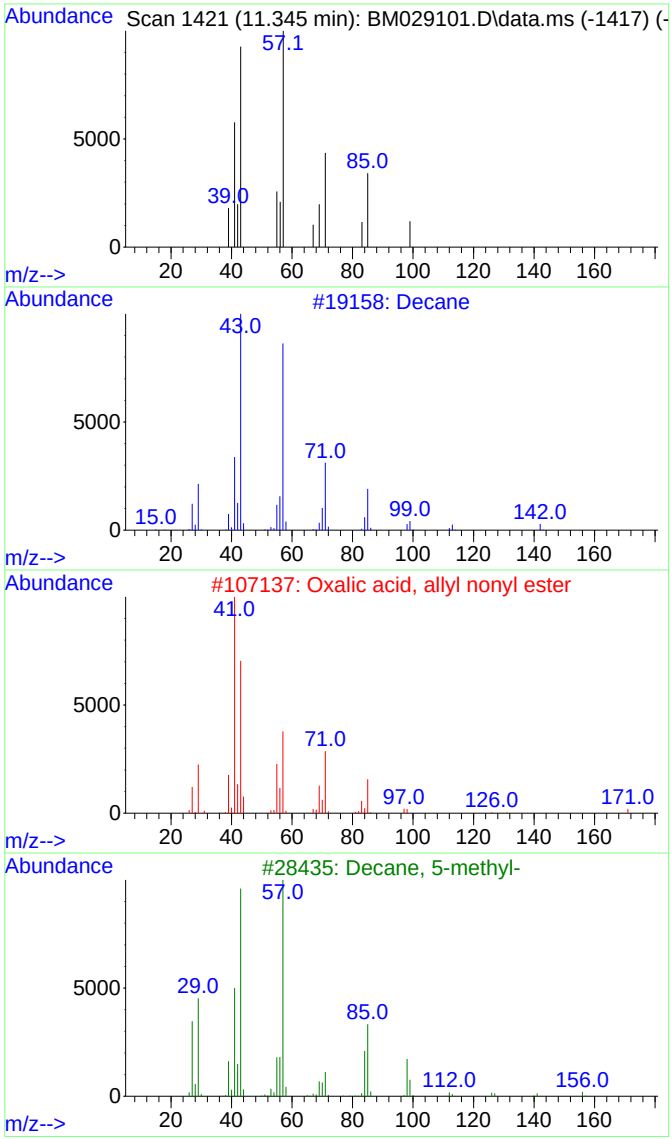
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

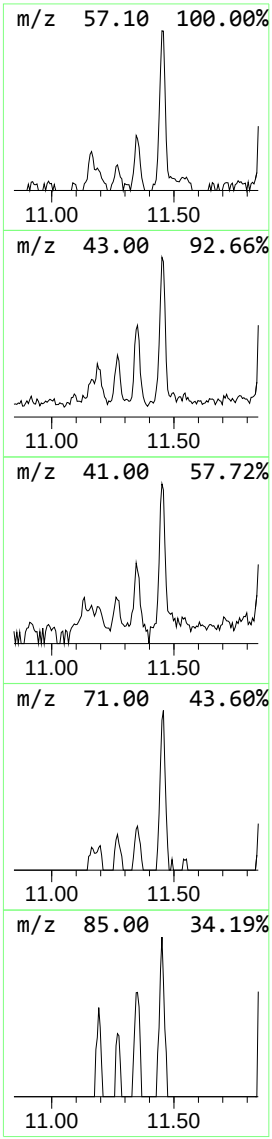
****

Peak Number 3 Decane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.345	3.63 ng	12157	Naphthalene-d8	10.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	64
2	Oxalic acid, allyl nonyl ester	256	C14H24O4	1000309-23-7	50
3	Decane, 5-methyl-	156	C11H24	013151-35-4	40
4	Oxirane, pentyl-	114	C7H14O	005063-65-0	38
5	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029101.D
Acq On : 11 Mar 2021 18:59
Operator : CG/JU
Sample : M1618-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CSB-2-15-15.5-BGS

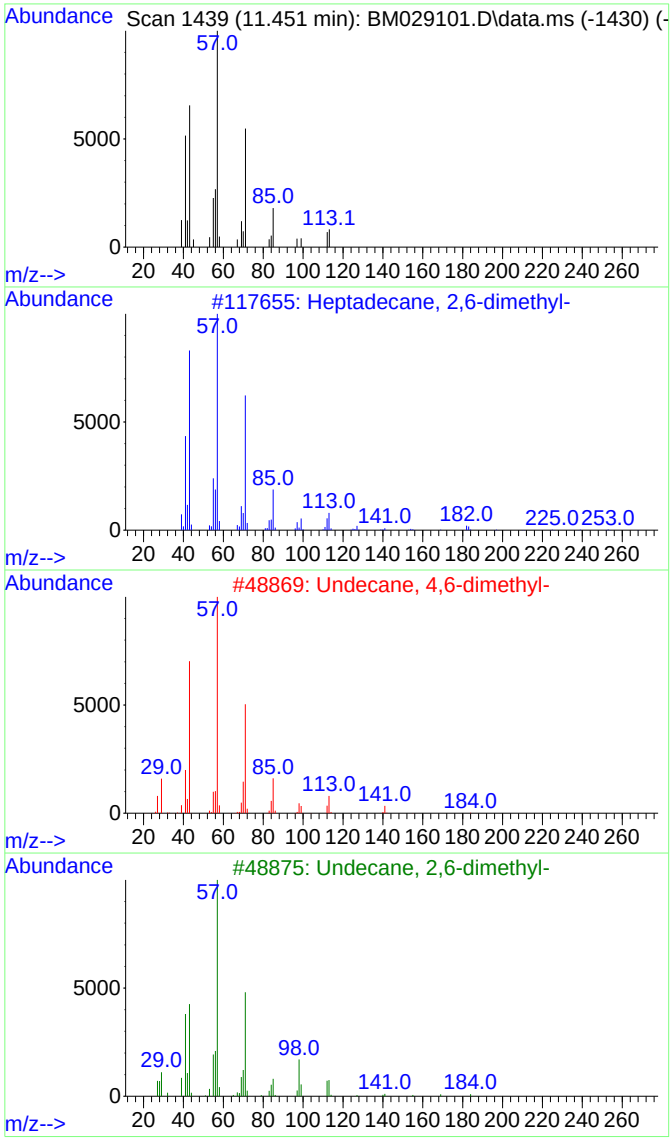
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

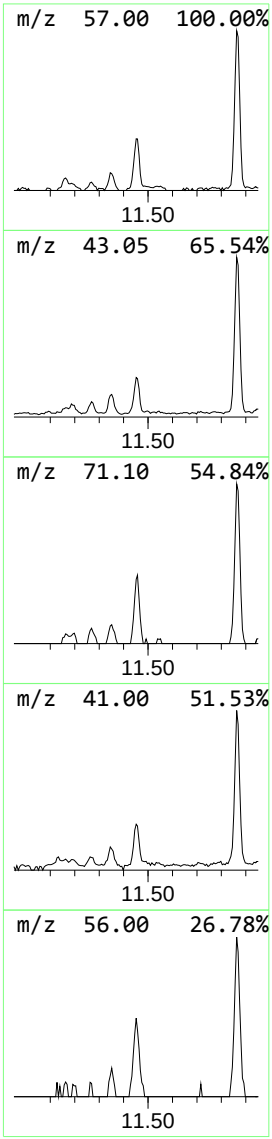
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Heptadecane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.451	9.20 ng	30868	Naphthalene-d8	10.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	78
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
4	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	64
5	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029101.D
Acq On : 11 Mar 2021 18:59
Operator : CG/JU
Sample : M1618-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CSB-2-15-15.5-BGS

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

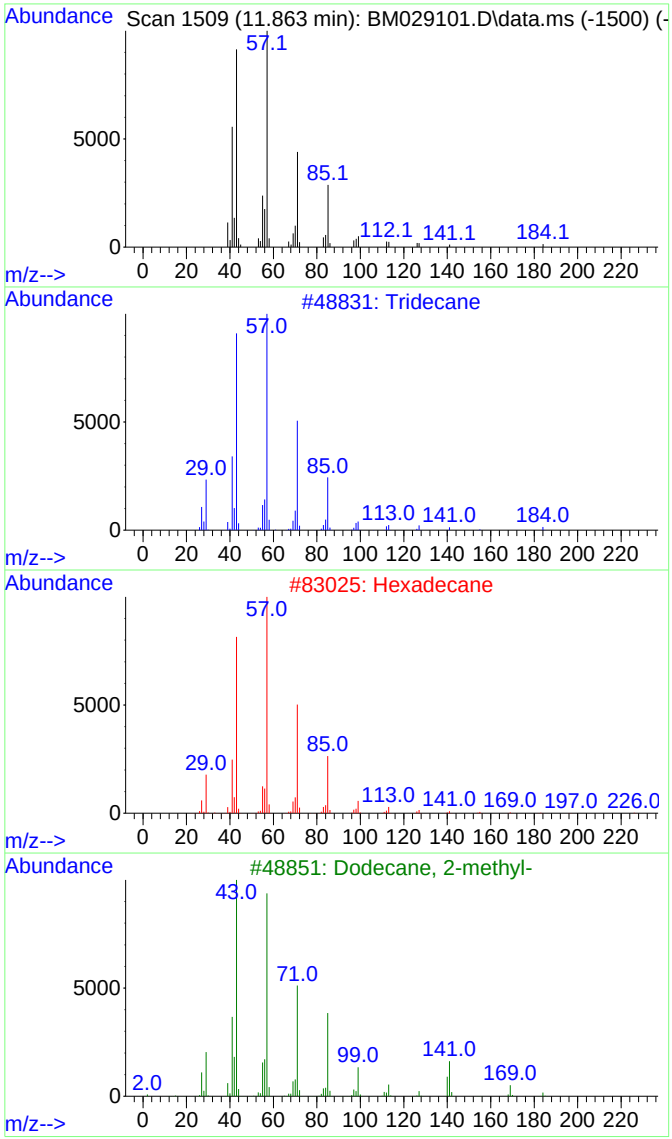
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

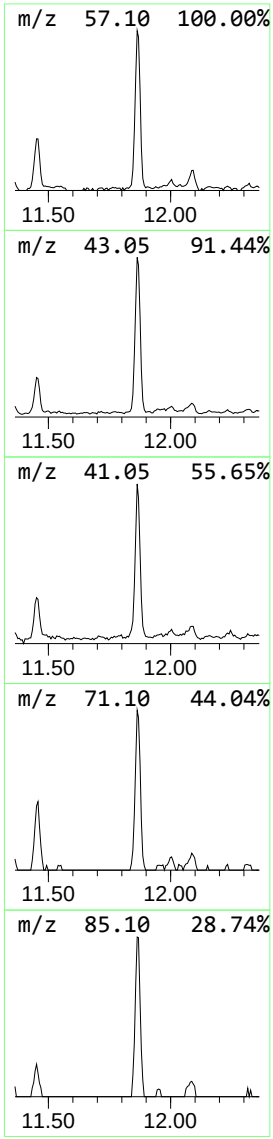
****

Peak Number 5 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	27.42 ng	91961	Naphthalene-d8	10.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Hexadecane	226	C16H34	000544-76-3	90
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	83
4	Undecane	156	C11H24	001120-21-4	78
5	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	72





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Operator : CG/JU
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CSB-2-15-15.5-BGS

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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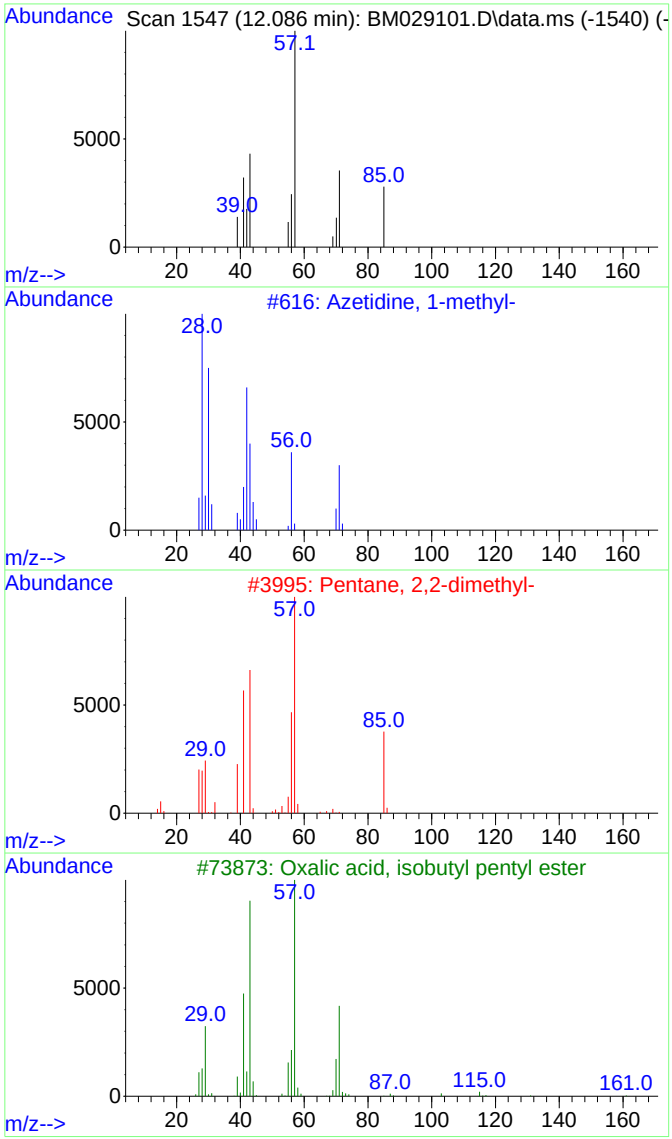
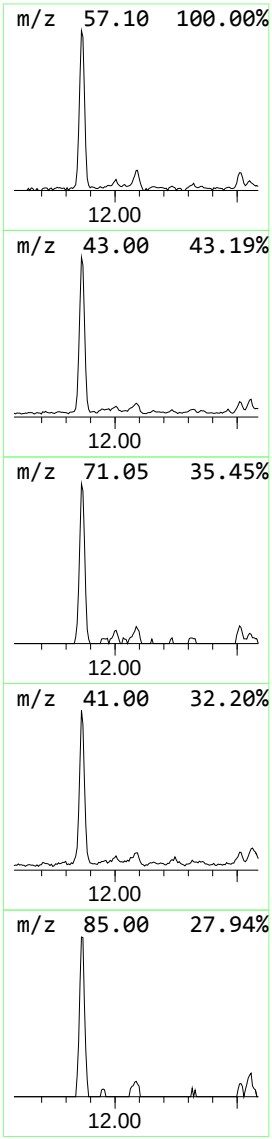
****

Peak Number 6 unknown12.086 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.086	3.74 ng	12557	Naphthalene-d8	10.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azetidine, 1-methyl-	71	C4H9N	004923-79-9	9
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	9
3	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	9
4	2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	9
5	2,2-Dimethylpropionic acid, 4-me...	186	C11H22O2	150588-62-8	9





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Instrument :
BNA_M
ClientSampleId :
CSB-2-15-15.5-BGS

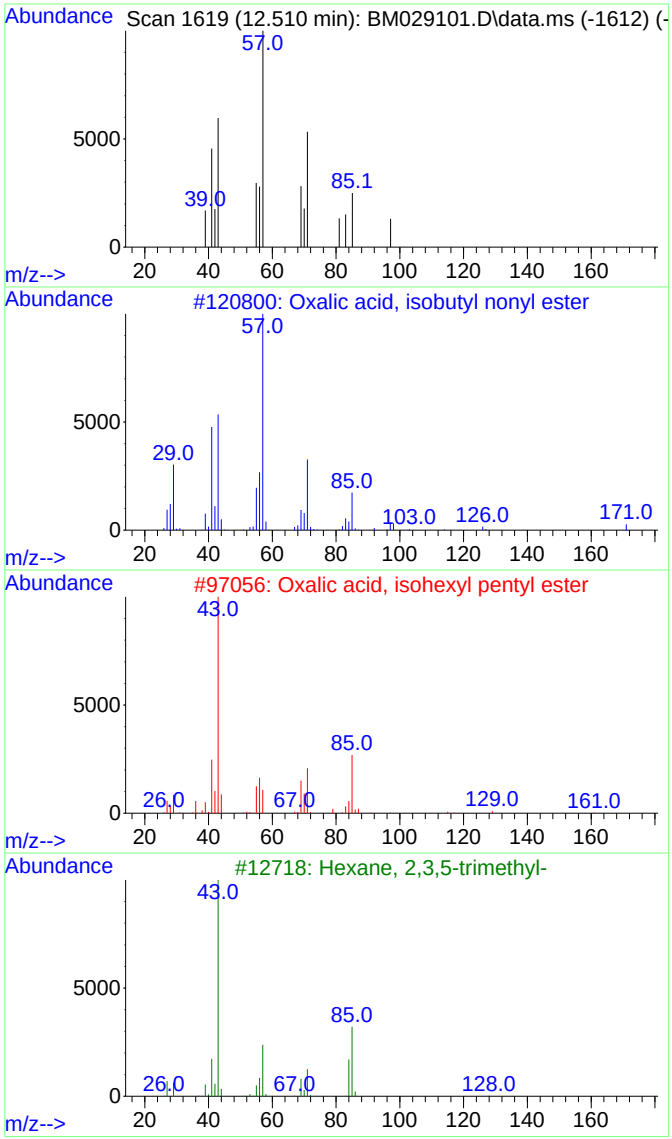
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

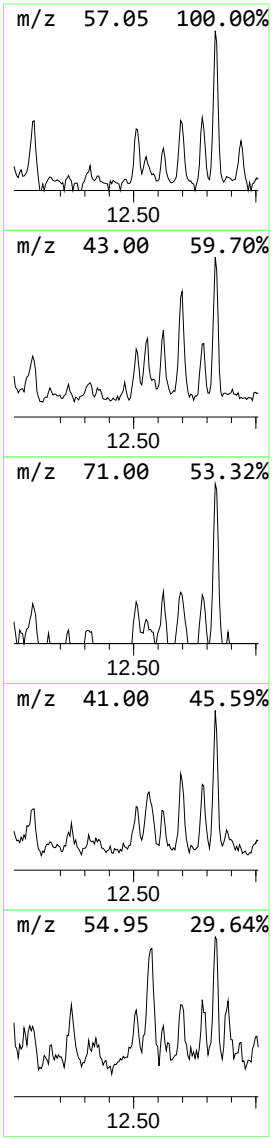
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Oxalic acid, isohexyl penty... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	2.26 ng	9664	Acenaphthene-d10	14.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	56
2	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	53
3	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	38
4	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	33
5	Octadecane, 2,2,4,15,17,17-hexam...	591	C42H86	055470-97-8	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029101.D
Acq On : 11 Mar 2021 18:59
Operator : CG/JU
Sample : M1618-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CSB-2-15-15.5-BGS

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

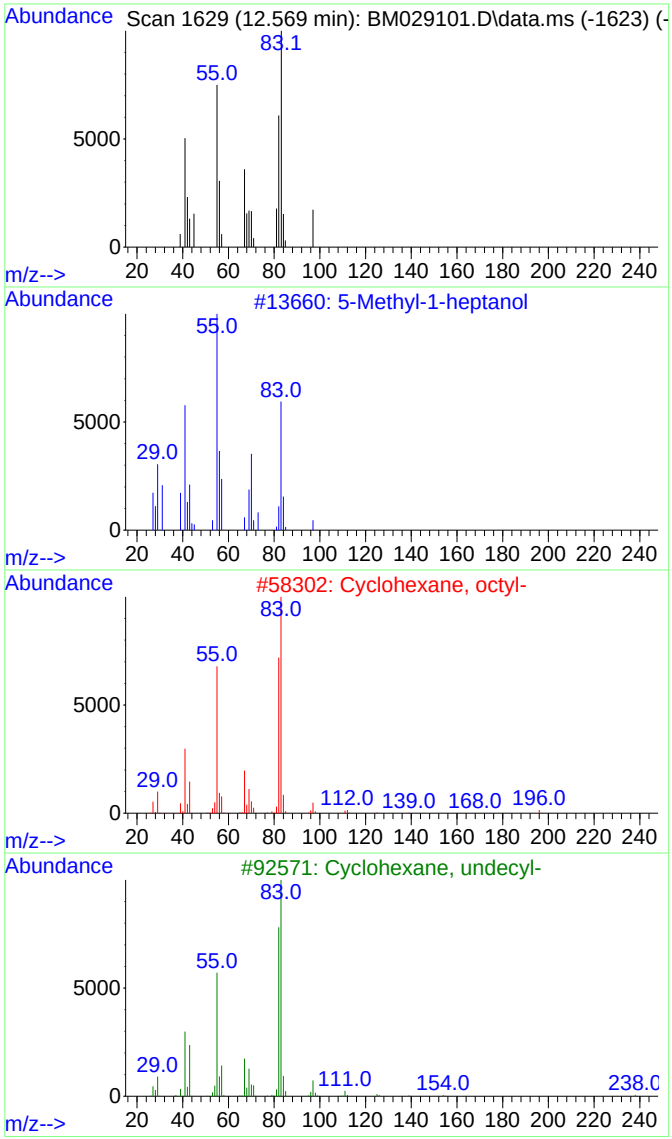
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

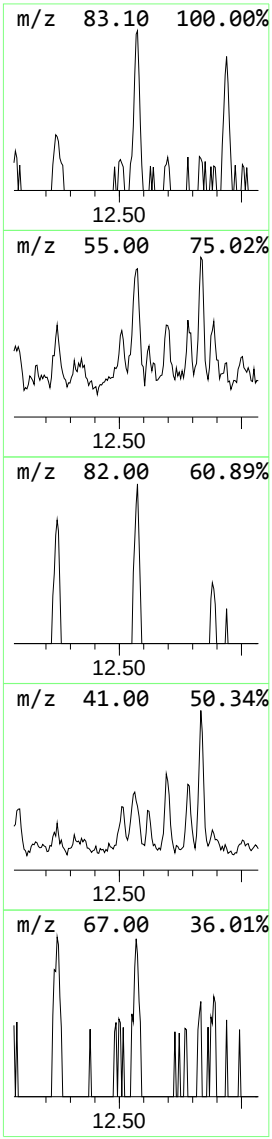
****

Peak Number 8 unknown12.569 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.569	3.49 ng	14894	Acenaphthene-d10	14.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methyl-1-heptanol	130	C8H18O	007212-53-5	38
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	36
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	36
4	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	33
5	Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	28





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Acq On : 11 Mar 2021 18:59
Operator : CG/JU
Sample : M1618-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CSB-2-15-15.5-BGS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

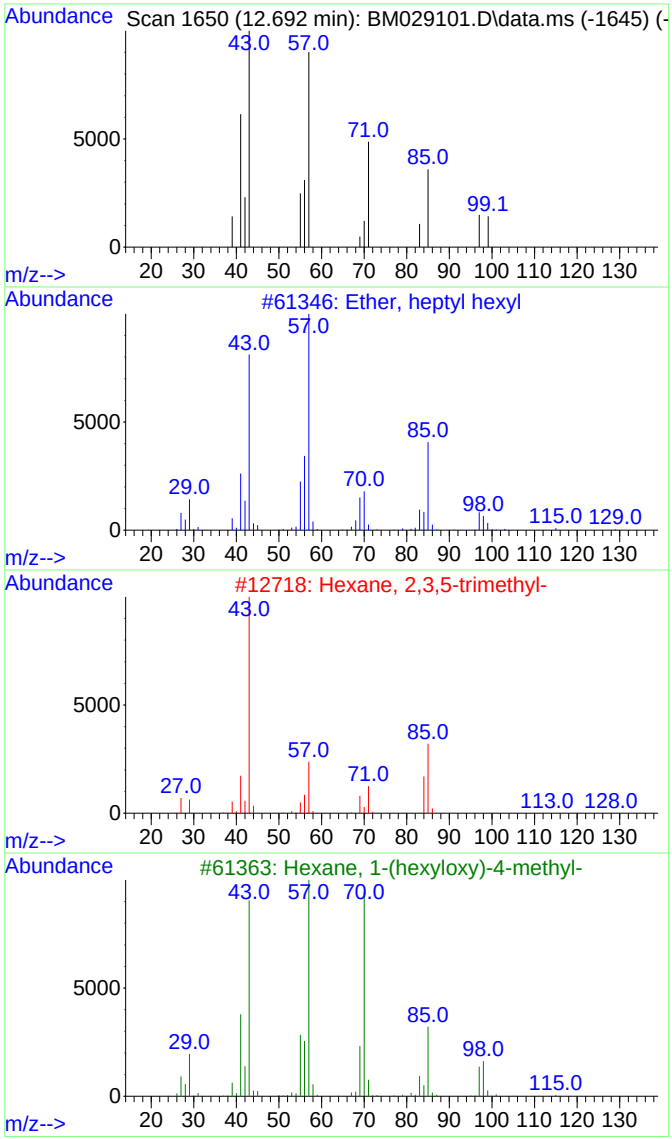
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

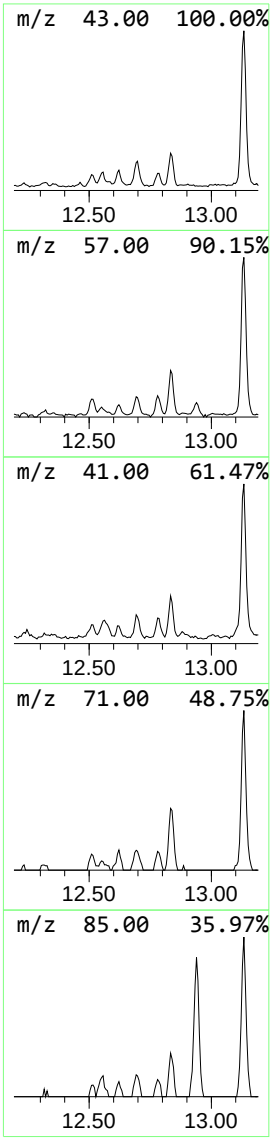
****

Peak Number 9 Ether, heptyl hexyl Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.692	2.79 ng	11931	Acenaphthene-d10	14.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, heptyl hexyl	200	C13H28O	007289-40-9	50
2	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	42
3	Hexane, 1-(hexyloxy)-4-methyl-	200	C13H28O	074421-20-8	38
4	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	38
5	Hexane, 1-(hexyloxy)-3-methyl-	200	C13H28O	074421-18-4	37





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Instrument :
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ClientSampleId :
CSB-2-15-15.5-BGS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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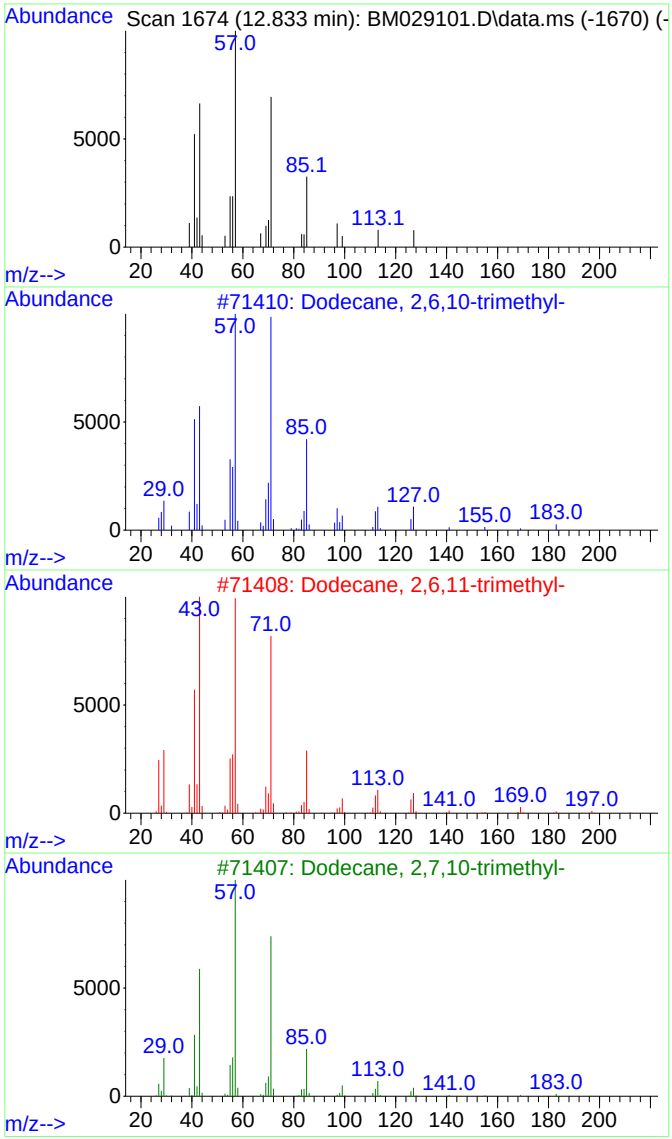
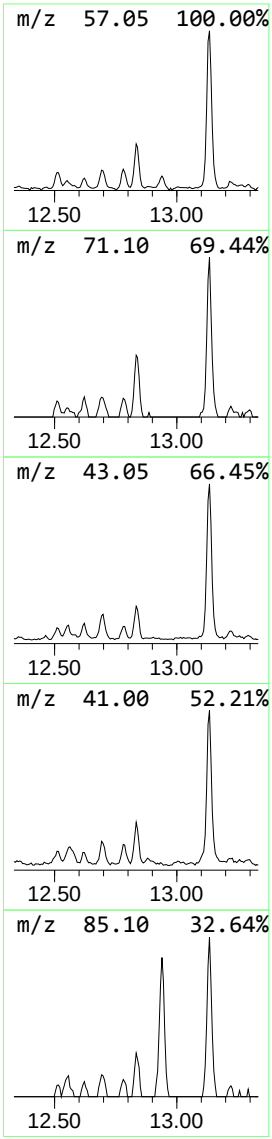
Peak Number 10 Dodecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.833	5.24 ng	22399	Acenaphthene-d10	14.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
4	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	64
5	Hexadecane	226	C16H34	000544-76-3	64





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Instrument : BNA_M
ClientSampleId : CSB-2-15-15.5-BGS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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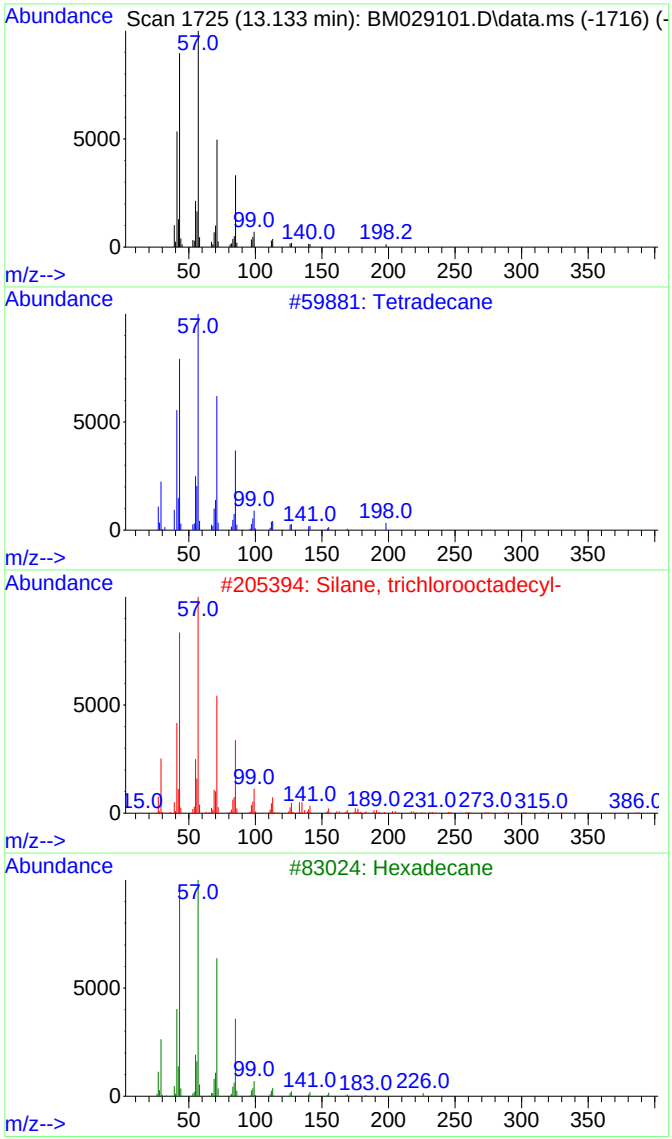
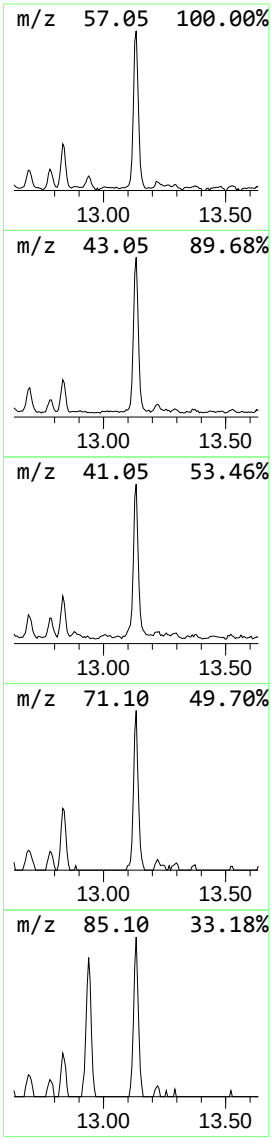
Peak Number 11 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.133	20.87 ng	89200	Acenaphthene-d10	14.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
5	Octadecane	254	C18H38	000593-45-3	86





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Instrument : BNA_M
ClientSampleId : CSB-2-15-15.5-BGS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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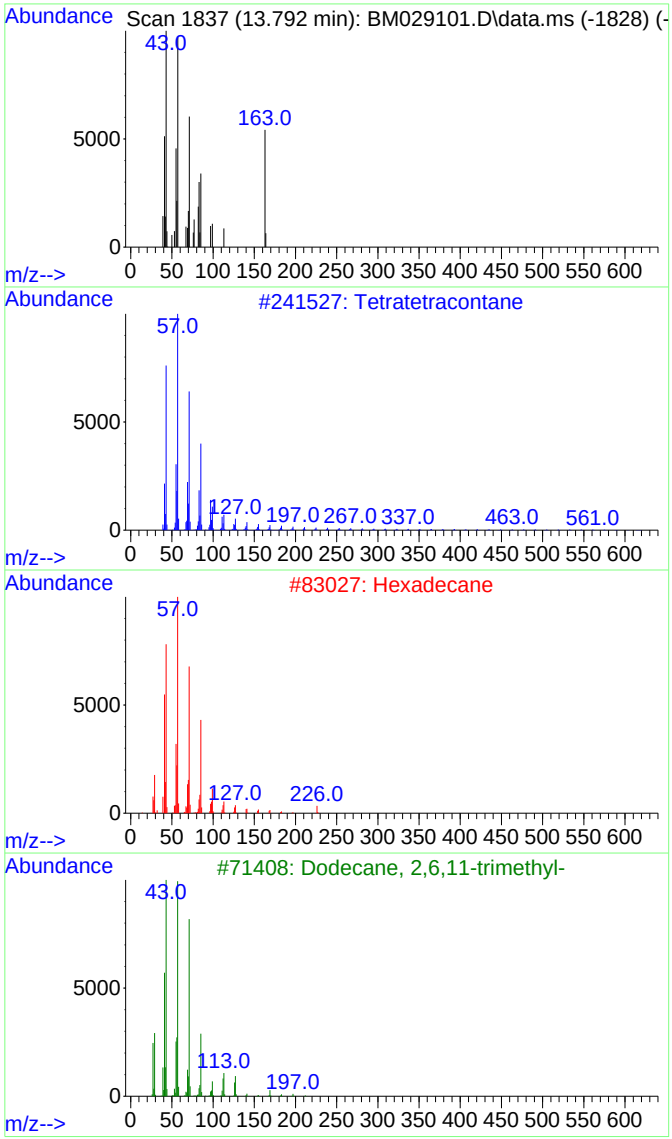
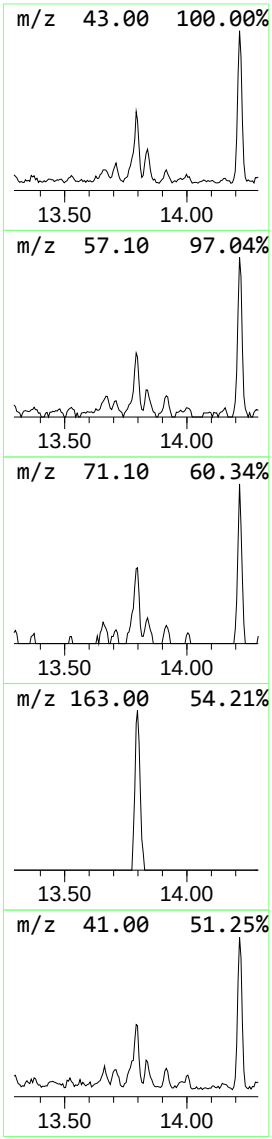
Peak Number 12 Tetratetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.792	7.05 ng	30122	Acenaphthene-d10	14.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	53
2	Hexadecane	226	C16H34	000544-76-3	47
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	47
4	Hentriacontane	437	C31H64	000630-04-6	47
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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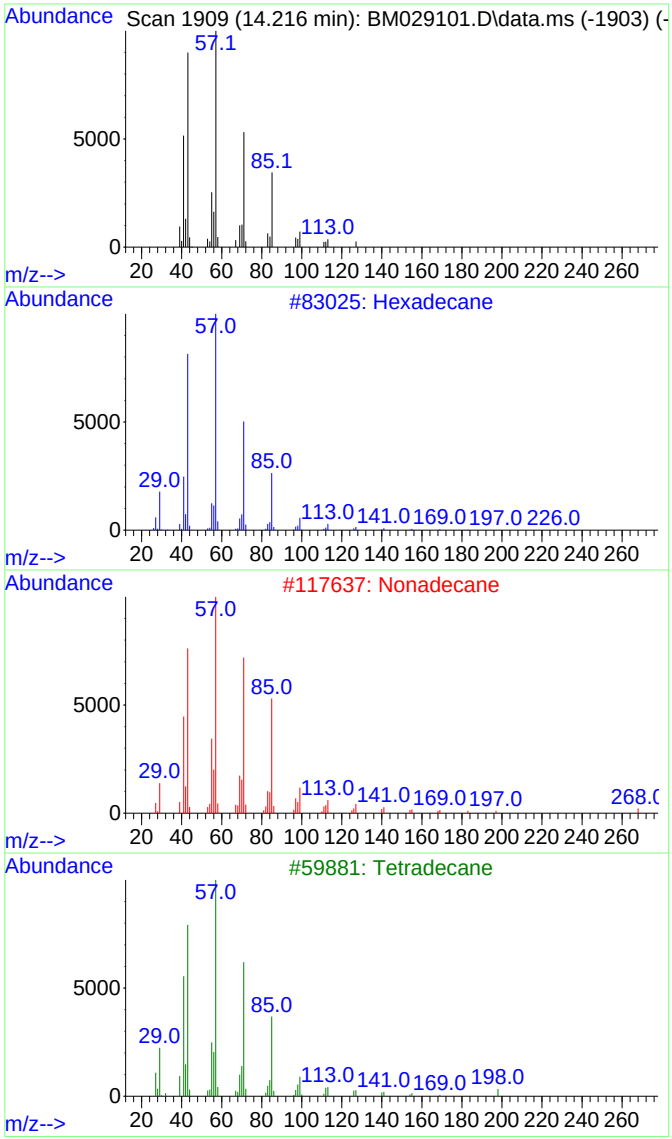
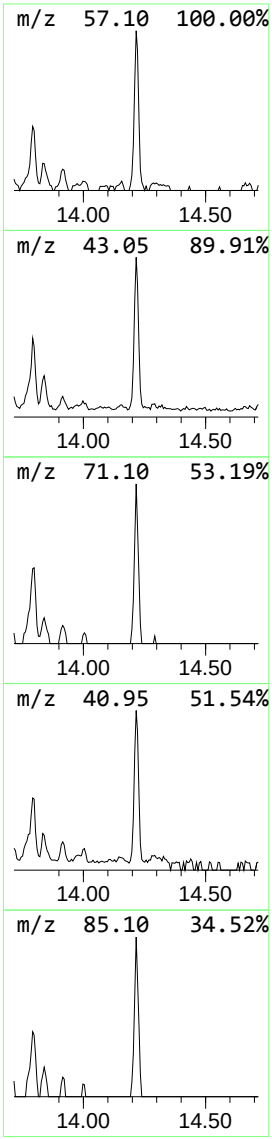
Peak Number 13 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.216	8.74 ng	37329	Acenaphthene-d10	14.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Nonadecane	268	C19H40	000629-92-5	86
3	Tetradecane	198	C14H30	000629-59-4	80
4	Heptadecane	240	C17H36	000629-78-7	78
5	Tridecane	184	C13H28	000629-50-5	78





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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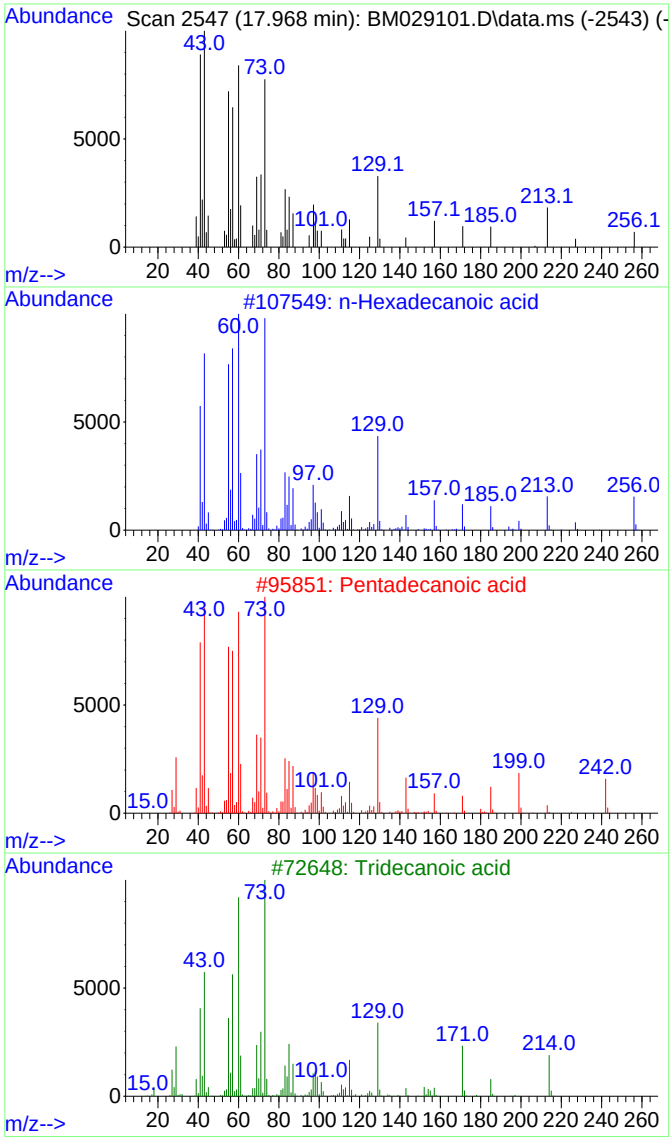
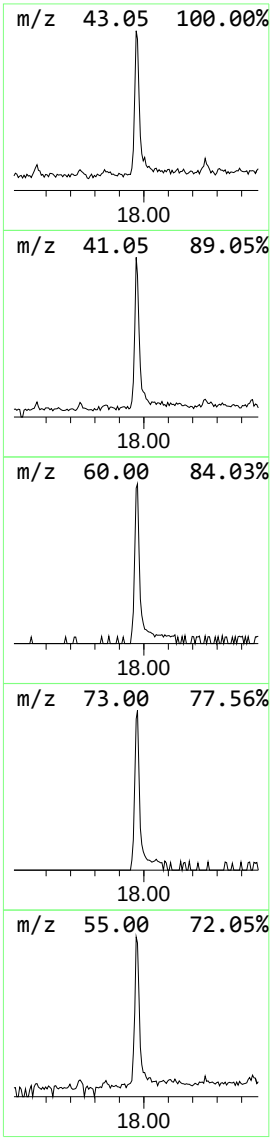
Peak Number 14 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.968	11.89 ng	58410	Phenanthrene-d10	17.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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ClientSampleId : CSB-2-15-15.5-BGS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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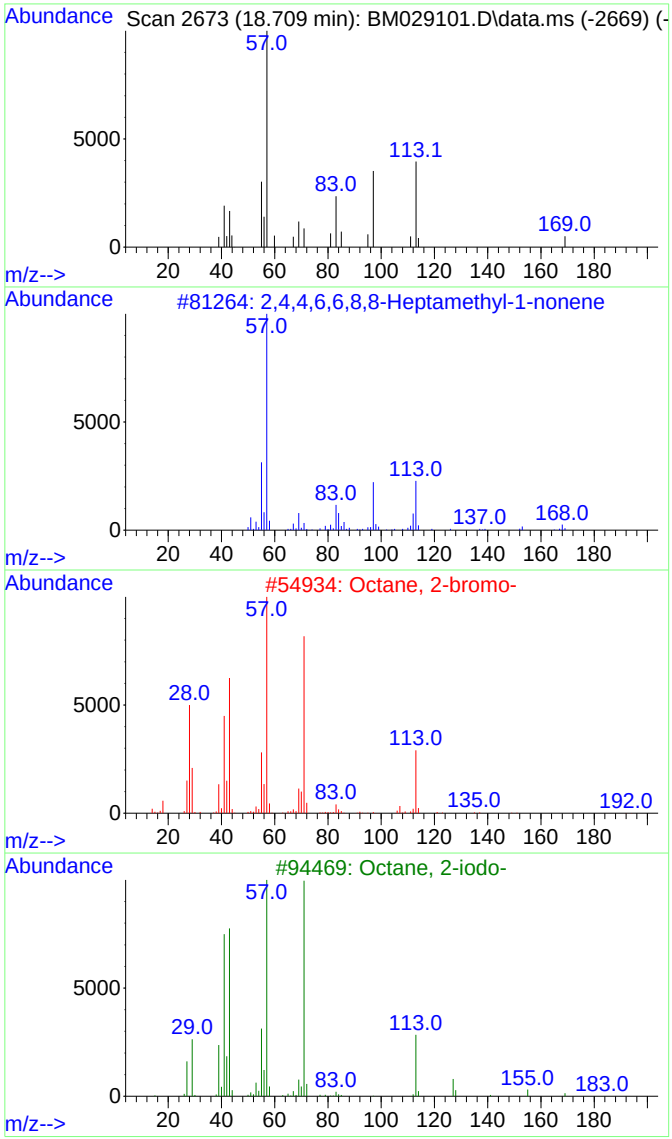
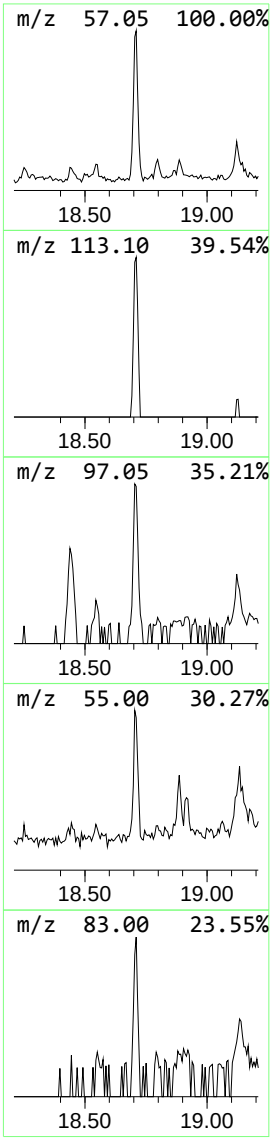
Peak Number 15 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.709	3.27 ng	16066	Phenanthrene-d10	17.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	64
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	37
3	Octane, 2-iodo-	240	C8H17I	000557-36-8	25
4	2-Methyl-4-decanone	170	C11H22O	006628-25-7	23
5	Disulfide, bis(1,1,3,3-tetrameth...	290	C16H34S2	029956-99-8	17





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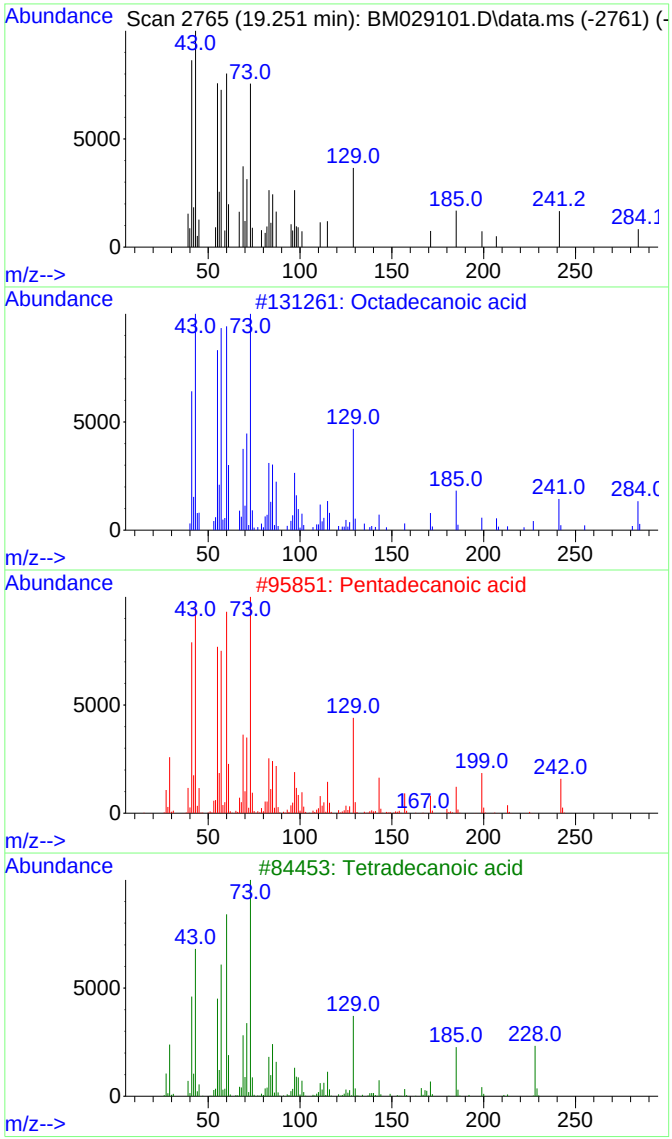
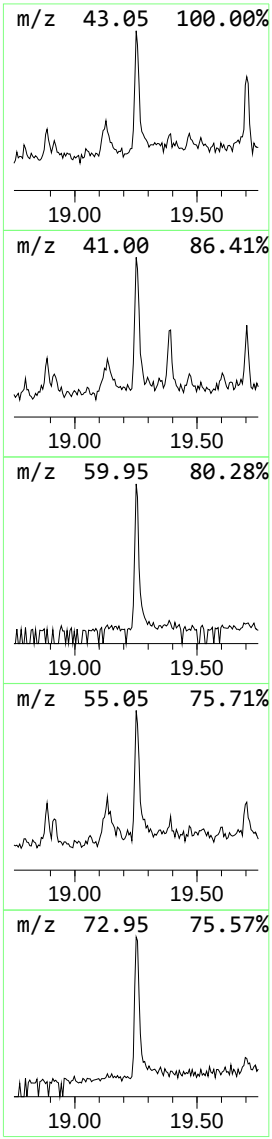
Peak Number 17 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.251	4.68 ng	30032	Chrysene-d12	21.250

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	74
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64





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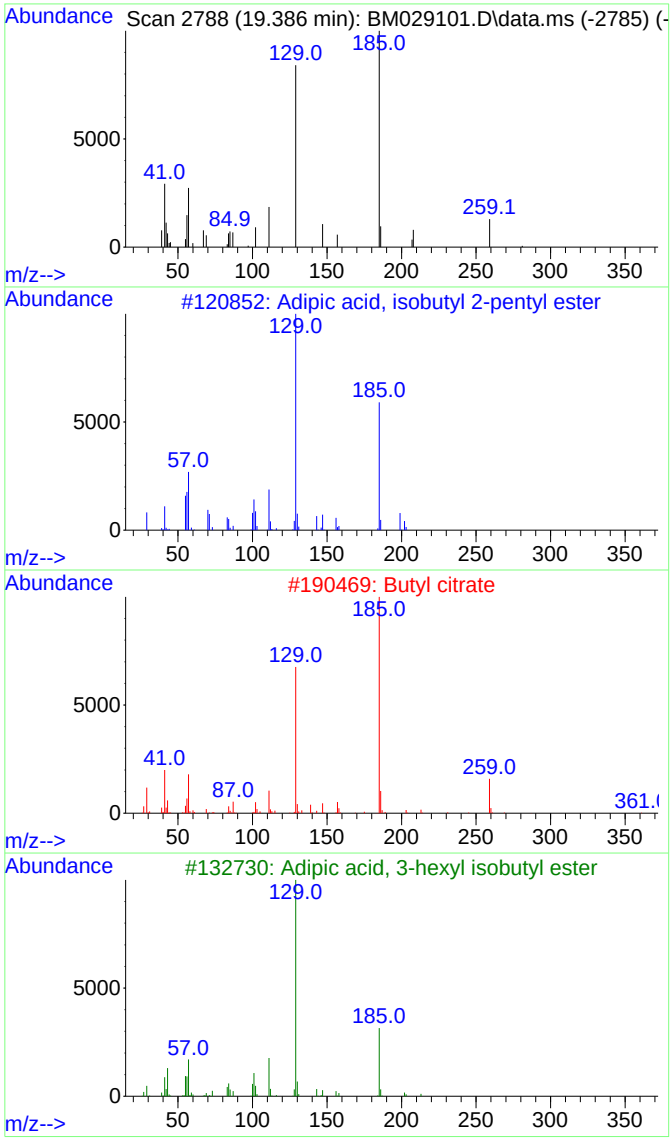
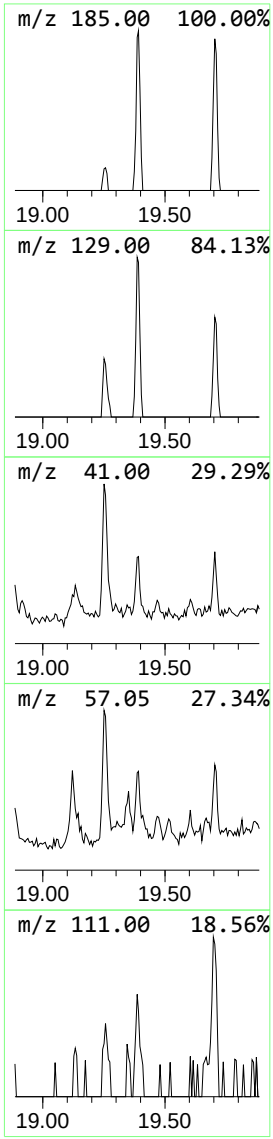
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Adipic acid, isobutyl 2-pen... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.386	2.15 ng	13822	Chrysene-d12	21.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, isobutyl 2-pentyl e...	272	C15H28O4	1000324-15-6	78
2	Butyl citrate	360	C18H32O7	000077-94-1	64
3	Adipic acid, 3-hexyl isobutyl ester	286	C16H30O4	1000353-62-2	64
4	Adipic acid, butyl 3-hexyl ester	286	C16H30O4	1000353-62-3	64
5	Adipic acid, butyl 2-octyl ester	314	C18H34O4	1000324-44-6	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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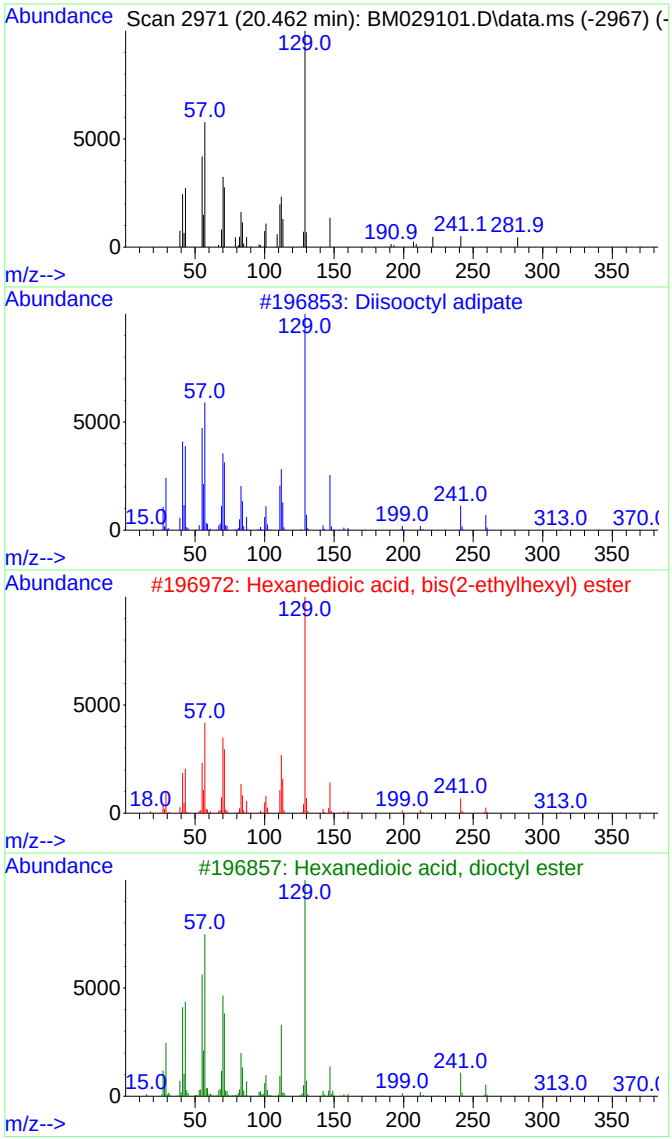
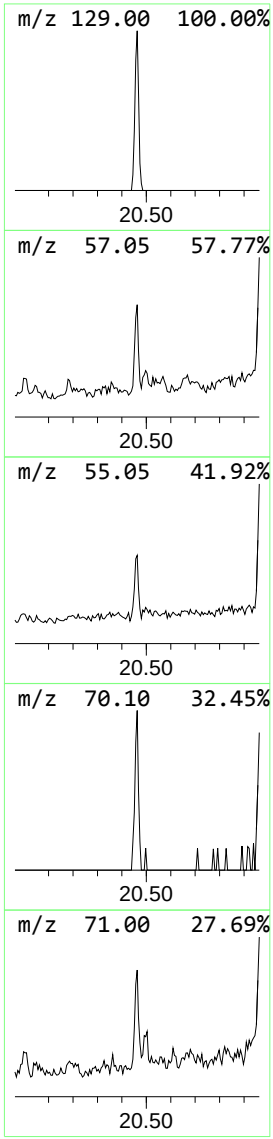
Peak Number 19 Diisooctyl adipate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.462	2.94 ng	18886	Chrysene-d12	21.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisooctyl adipate	370	C22H42O4	001330-86-5	86
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	86
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	83
4	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1000324-48-0	59
5	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	58





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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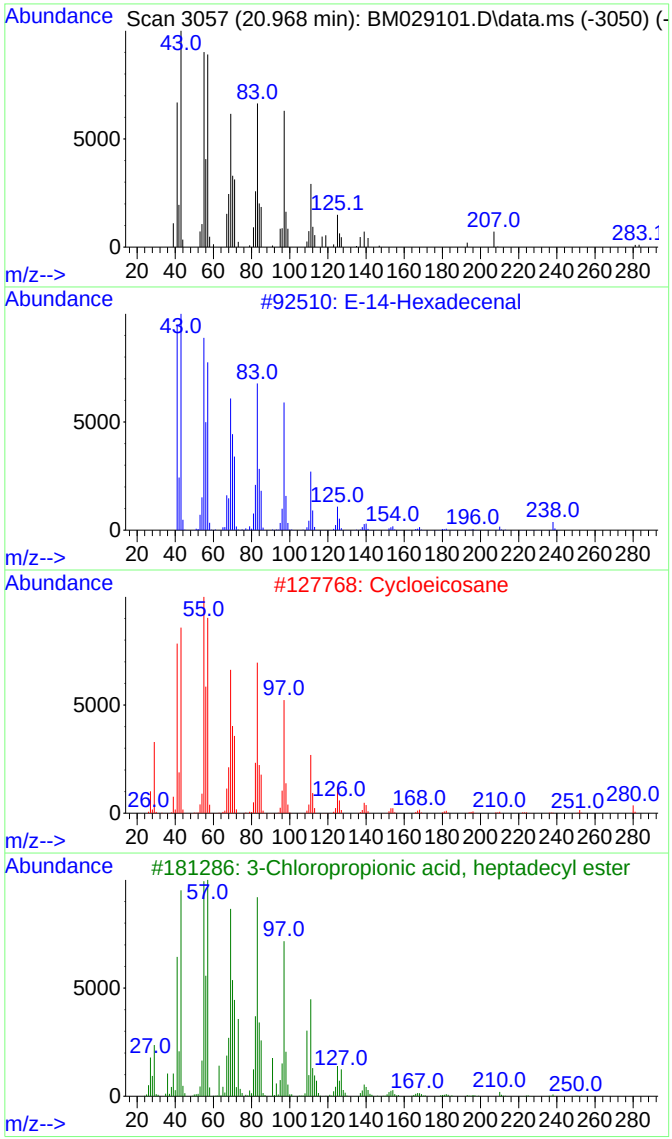
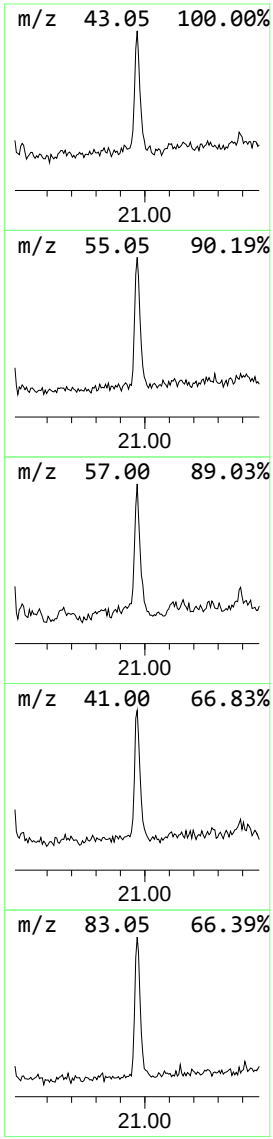
Peak Number 20 E-14-Hexadecenal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.968	9.63 ng	61798	Chrysene-d12	21.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-14-Hexadecenal	238	C16H30O	330207-53-9	91
2	Cycloeicosane	280	C20H40	000296-56-0	91
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	91





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
ClientSampleId : CSB-2-15-15.5-BGS

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Oxalic acid, is...	10.592	2.9	ng	9633	2	10.451	67069	20.0
unknown11.269	11.269	2.2	ng	7303	2	10.451	67069	20.0
Decane	11.345	3.6	ng	12157	2	10.451	67069	20.0
Heptadecane, 2,...	11.451	9.2	ng	30868	2	10.451	67069	20.0
Tridecane	11.863	27.4	ng	91961	2	10.451	67069	20.0
unknown12.086	12.086	3.7	ng	12557	2	10.451	67069	20.0
Oxalic acid, is...	12.510	2.3	ng	9664	3	14.327	85469	20.0
unknown12.569	12.569	3.5	ng	14894	3	14.327	85469	20.0
Ether, heptyl h...	12.692	2.8	ng	11931	3	14.327	85469	20.0
Dodecane, 2,6,1...	12.833	5.2	ng	22399	3	14.327	85469	20.0
Tetradecane	13.133	20.9	ng	89200	3	14.327	85469	20.0
Tetratetracontane	13.792	7.0	ng	30122	3	14.327	85469	20.0
Hexadecane	14.216	8.7	ng	37329	3	14.327	85469	20.0
n-Hexadecanoic ...	17.968	11.9	ng	58410	4	17.074	98278	20.0
2,4,4,6,6,8,8-H...	18.709	3.3	ng	16066	4	17.074	98278	20.0
Octadecanoic acid	19.251	4.7	ng	30032	5	21.250	128348	20.0
Adipic acid, is...	19.386	2.1	ng	13822	5	21.250	128348	20.0
Diisooctyl adipate	20.462	2.9	ng	18886	5	21.250	128348	20.0
E-14-Hexadecenal	20.968	9.6	ng	61798	5	21.250	128348	20.0