LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
Data File : BN003483.D
Acq On : 09 Nov 2018 21:42
Operator : MJ/SJ
Sample : J5860-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EP2-SB-109(14-16)

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_N\METHODS\8270-BN102418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.028	3	7	19	rVB	91916	113563	1.62%	0.291%
2	3.563	95	98	113	rVB	57515	76938	1.10%	0.197%
3	4.963	331	336	342	rBV	79619	108680	1.55%	0.279%
4	5.416	406	413	425	rVB	2029778	2851206	40.70%	7.318%
5	7.010	676	684	698	rBV	1948956	3399739	48.53%	8.726%
6	7.381	739	747	754	rBV	2122095	3340720	47.69%	8.575%
7	7.846	820	826	832	rBV	358287	563354	8.04%	1.446%
8	8.169	873	881	890	rBV	1587089	2541728	36.28%	6.524%
9	9.016	1016	1025	1033	rBV	1215508	2017441	28.80%	5.178%
10	10.645	1295	1302	1311	rVB	517577	839843	11.99%	2.156%
11	13.104	1712	1720	1727	rBV	3654376	5386097	76.89%	13.825%
12	13.934	1855	1861	1867	rBV	470008	634318	9.06%	1.628%
13	14.486	1948	1955	1963	rVB2	761076	1167998	16.67%	2.998%
14	15.975	2201	2208	2220	rBV	2999623	4142537	59.14%	10.633%
15	17.227	2414	2421	2427	rBV	1010451	1367212	19.52%	3.509%
16	18.098	2564	2569	2580	rBV	130992	193920	2.77%	0.498%
17	19.374	2781	2786	2796	rBV	53320	79459	1.13%	0.204%
18	19.845	2860	2866	2871	rBV	5412086	7004981	100.00%	17.980%
19	21.098	3074	3079	3091	rBV	170384	236002	3.37%	0.606%
20	21.404	3126	3131	3138	rVB	1043279	1270833	18.14%	3.262%
21	21.533	3150	3153	3159	rVB	82194	85631	1.22%	0.220%
22	21.974	3224	3228	3237	rBV	72920	100101	1.43%	0.257%
23	22.451	3305	3309	3316	rBV	71358	97278	1.39%	0.250%
24	22.974	3394	3398	3403	rVB	56766	77163	1.10%	0.198%
25	23.562	3494	3498	3506	rVB	44584	75346	1.08%	0.193%
26	23.721	3517	3525	3535	rBV	639639	1187594	16.95%	3.048%

Sum of corrected areas: 38959682

LSC Report - Integrated Chromatogram

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Misc :
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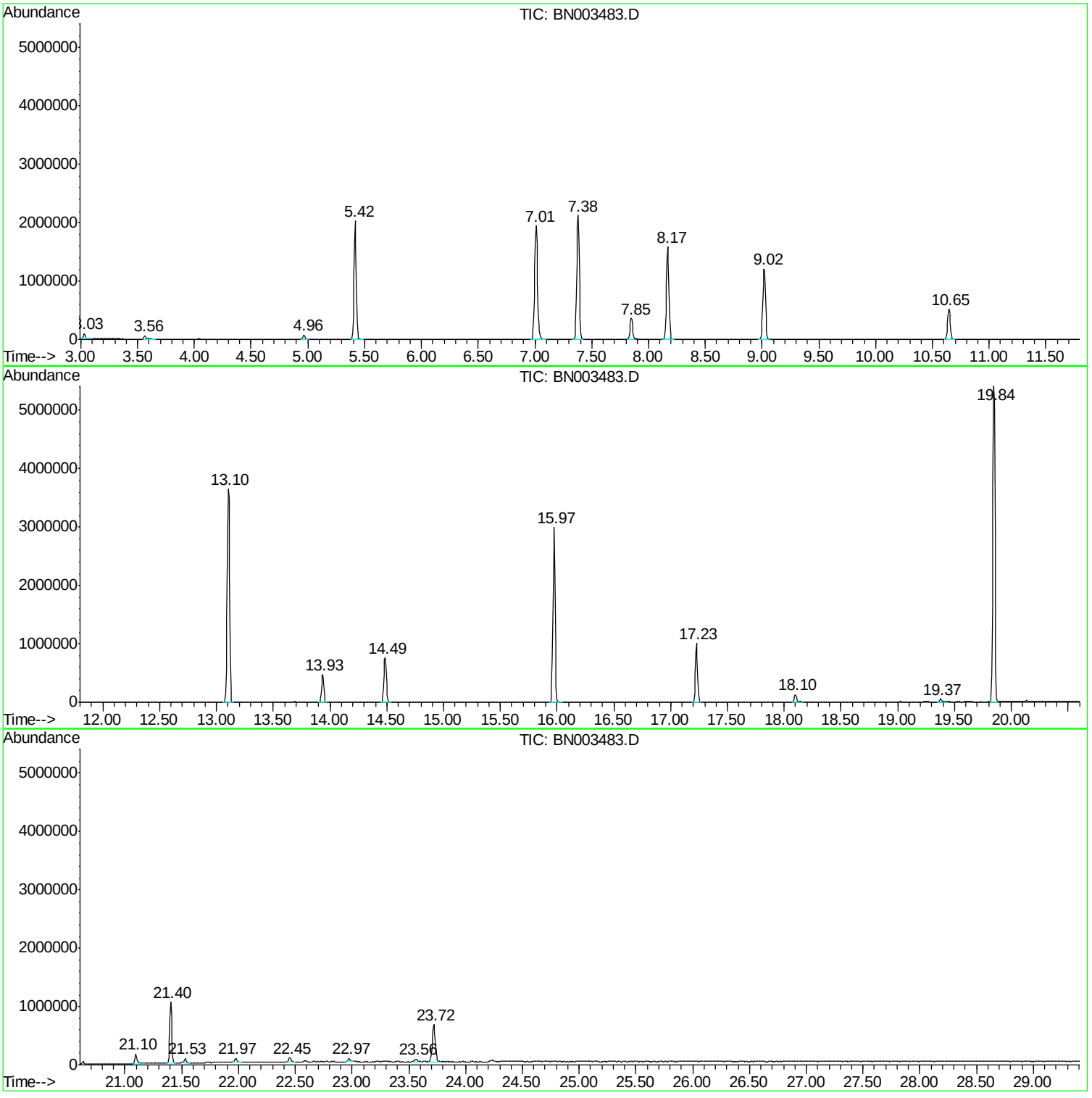
Instrument : BNA_N
ClientSampleId : EP2-SB-109(14-16)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

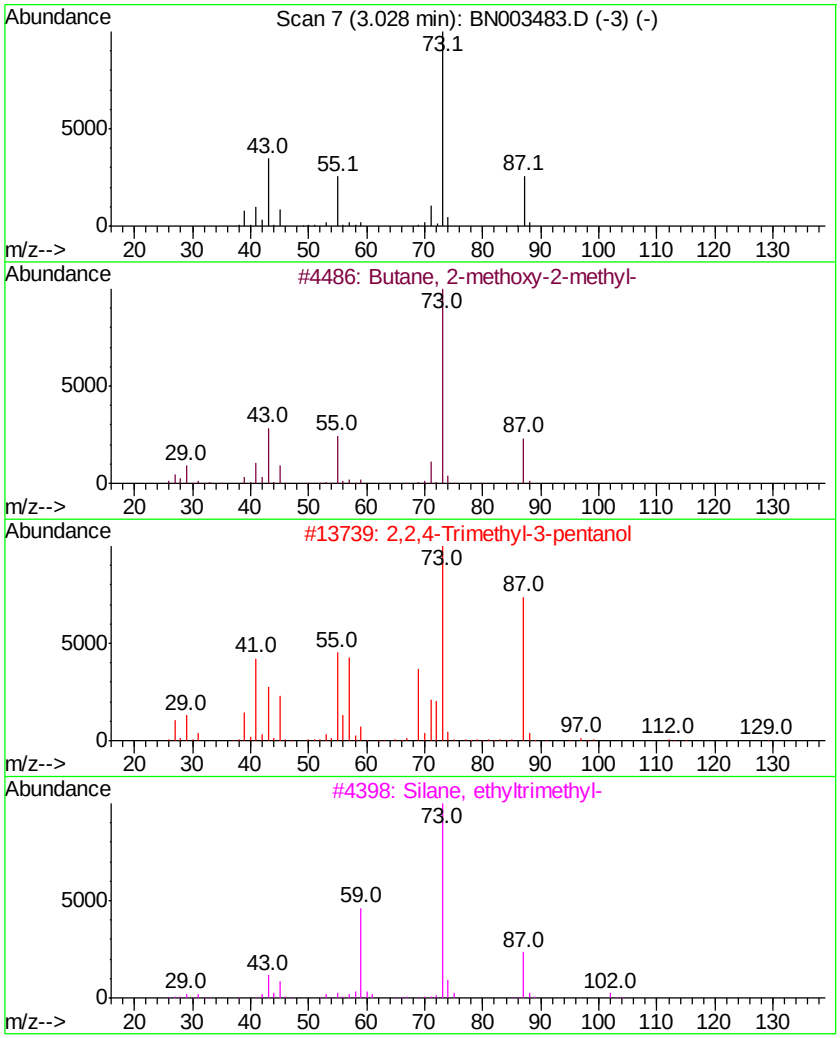
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

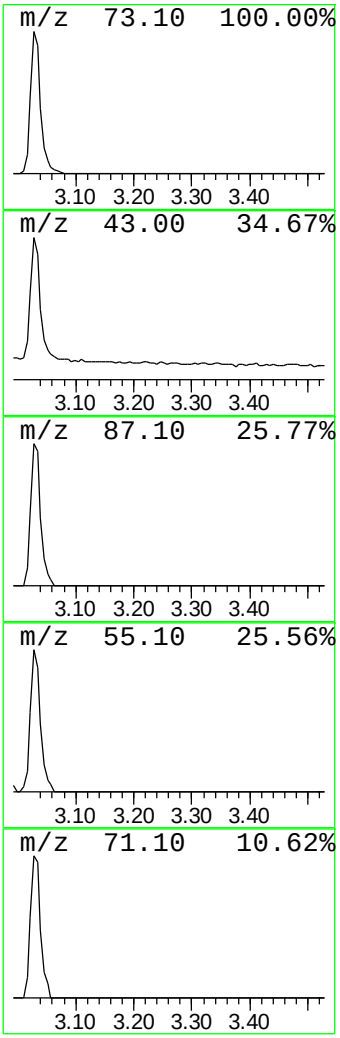
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	4.03 ng	113563	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EP2-SB-109(14-16)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

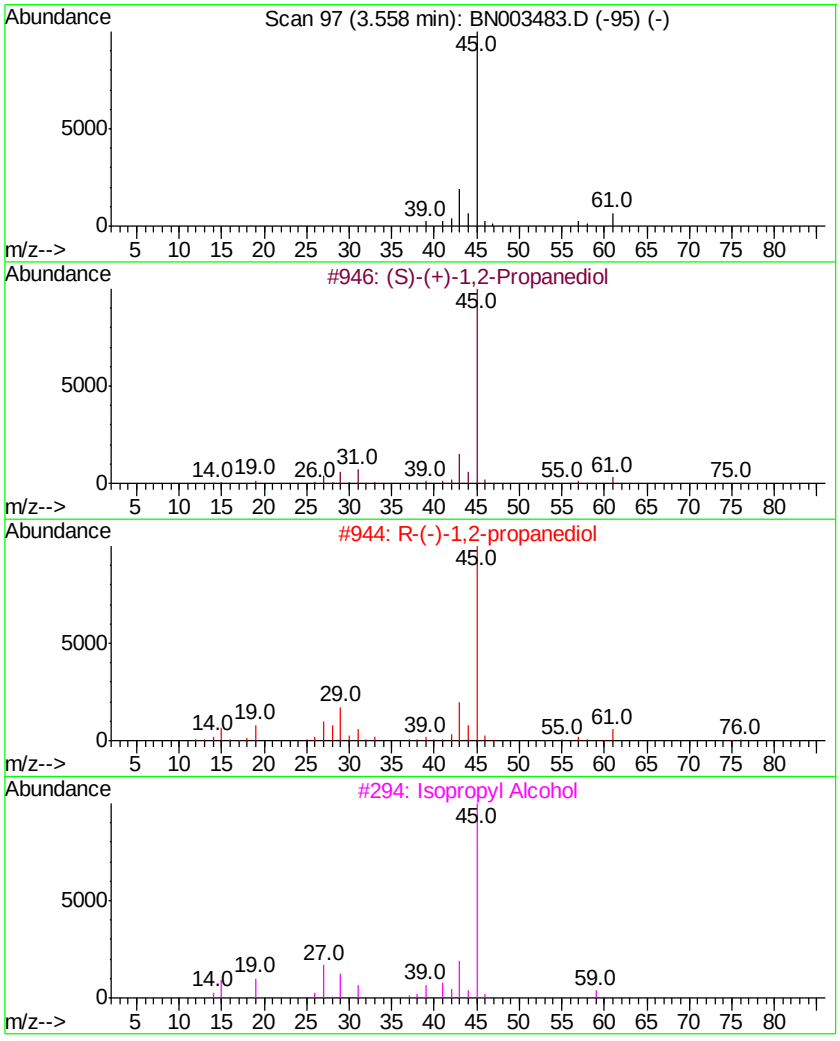
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

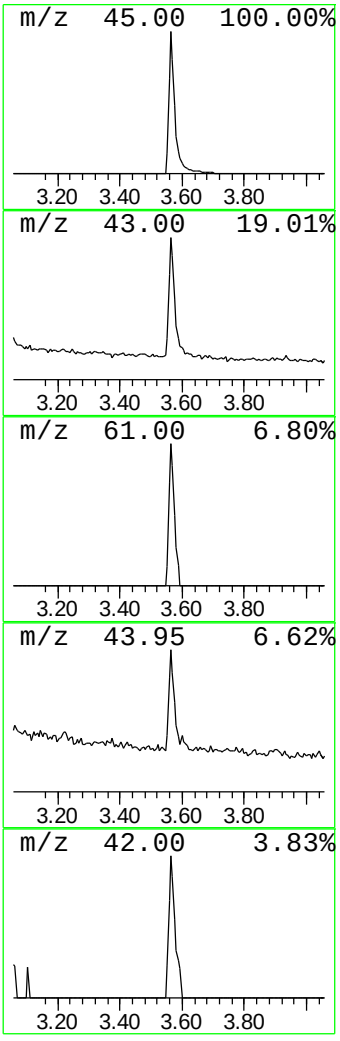
****

Peak Number 2 (S)-(+)-1,2-Propanediol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.56	2.73 ng	76938	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	43
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Propylene Glycol	76	C3H8O2	000057-55-6	9
5	L-Lactic acid	90	C3H6O3	000079-33-4	9





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Sample : J5860-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EP2-SB-109(14-16)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

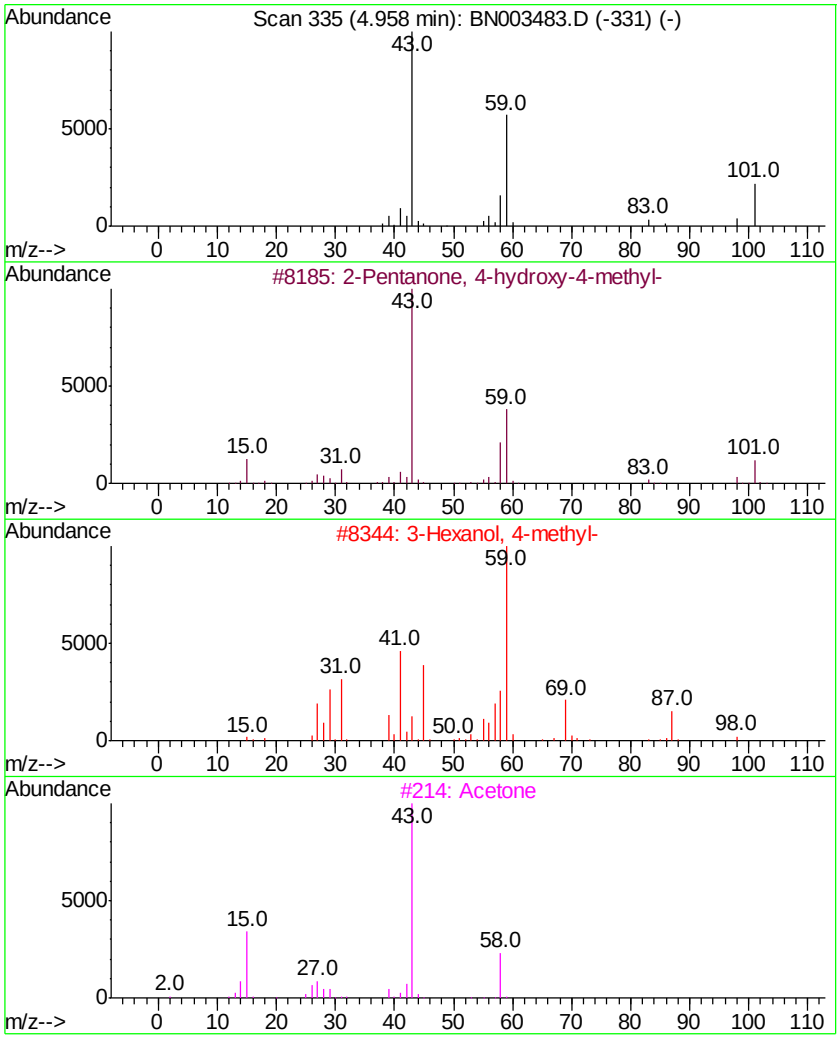
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

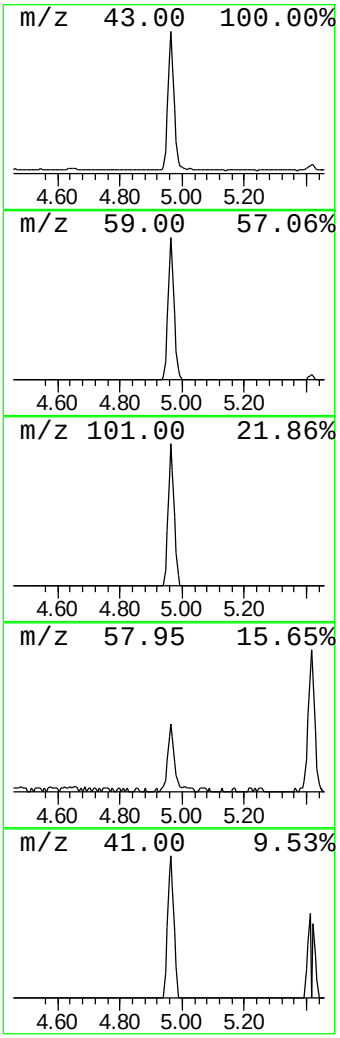
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	3.86 ng	108680	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Acetone	58	C3H6O	000067-64-1	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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ClientSampleId : EP2-SB-109(14-16)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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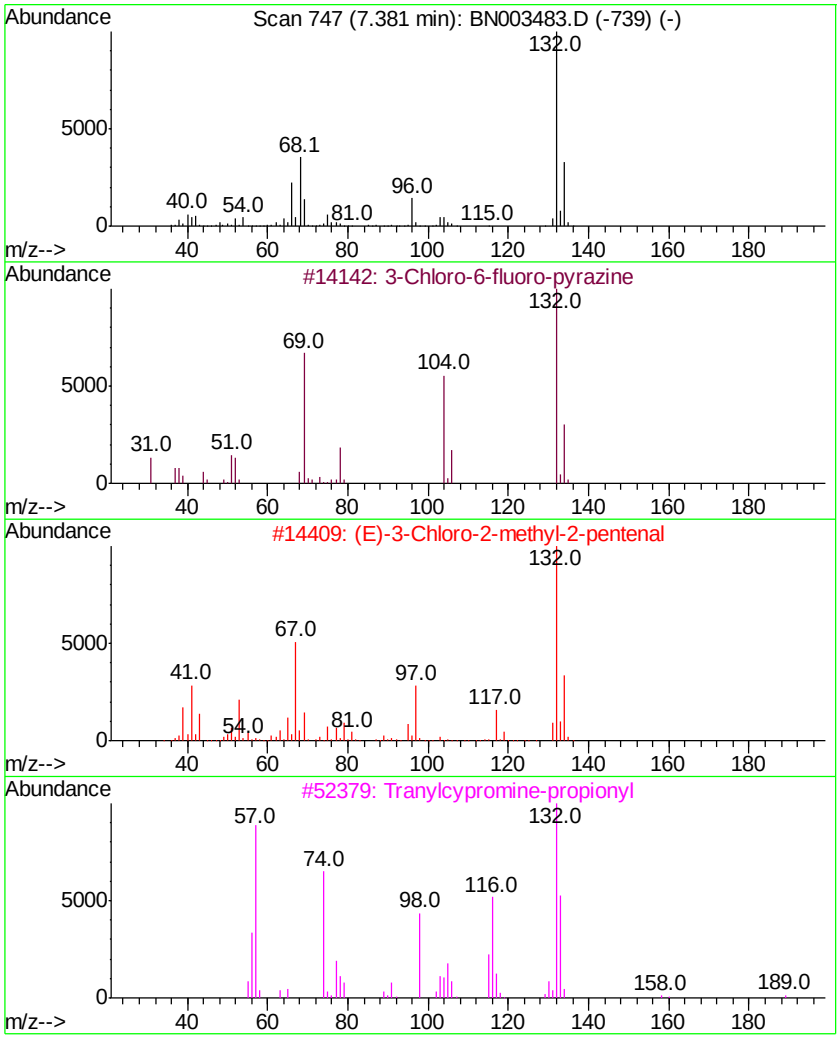
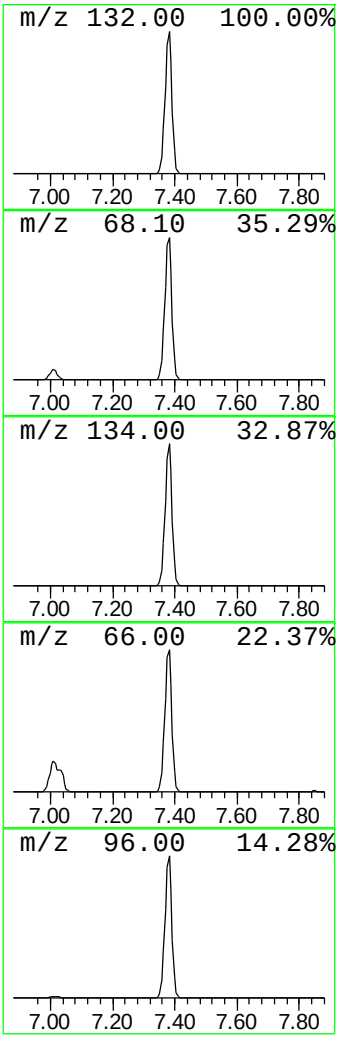
Peak Number 4 unknown7.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	118.60 ng	3340720	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EP2-SB-109(14-16)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

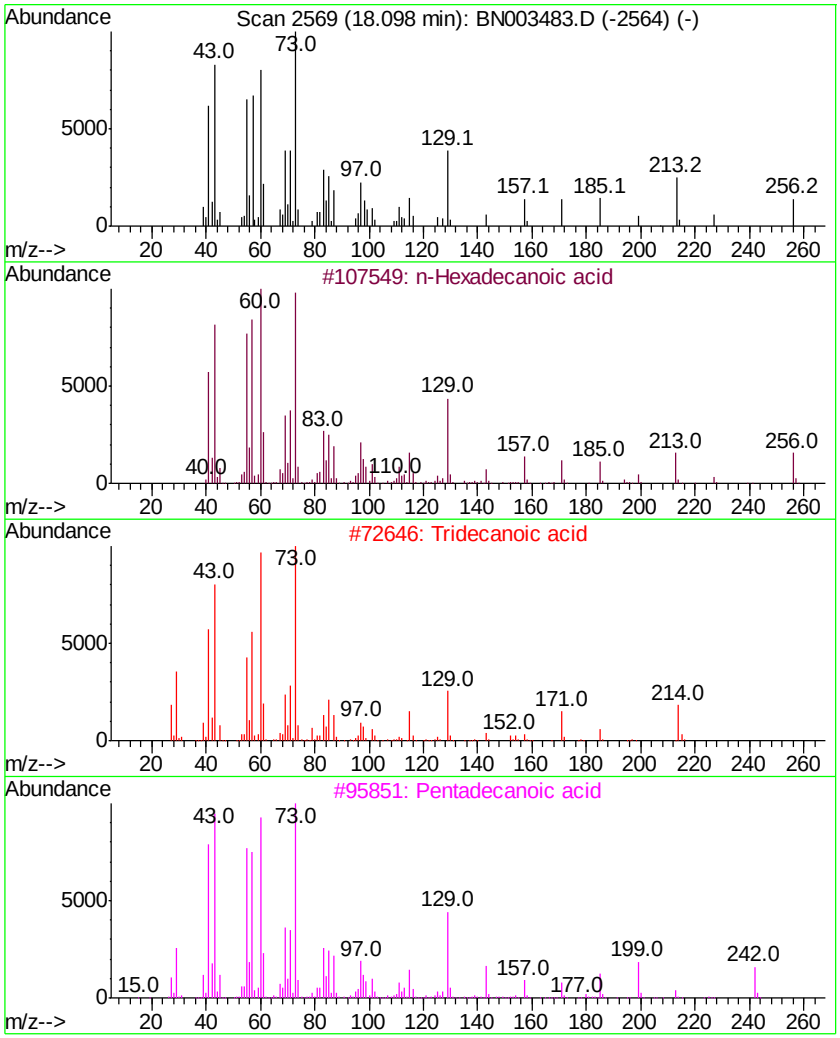
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

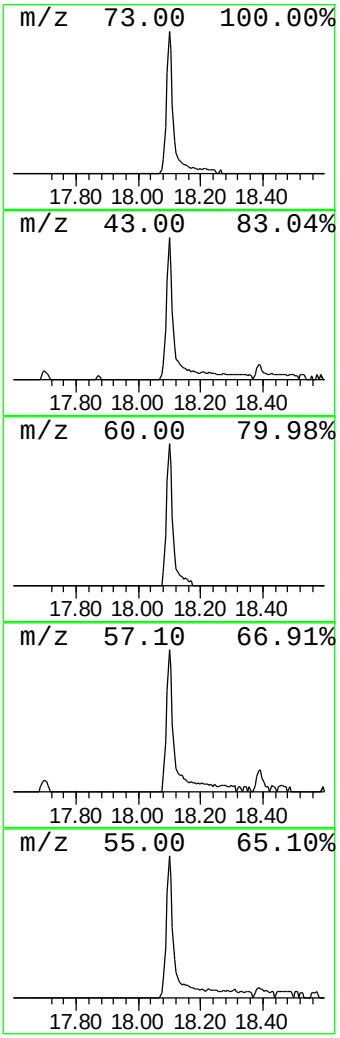
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	2.84 ng	193920	Phenanthrene-d10	17.23

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	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	18





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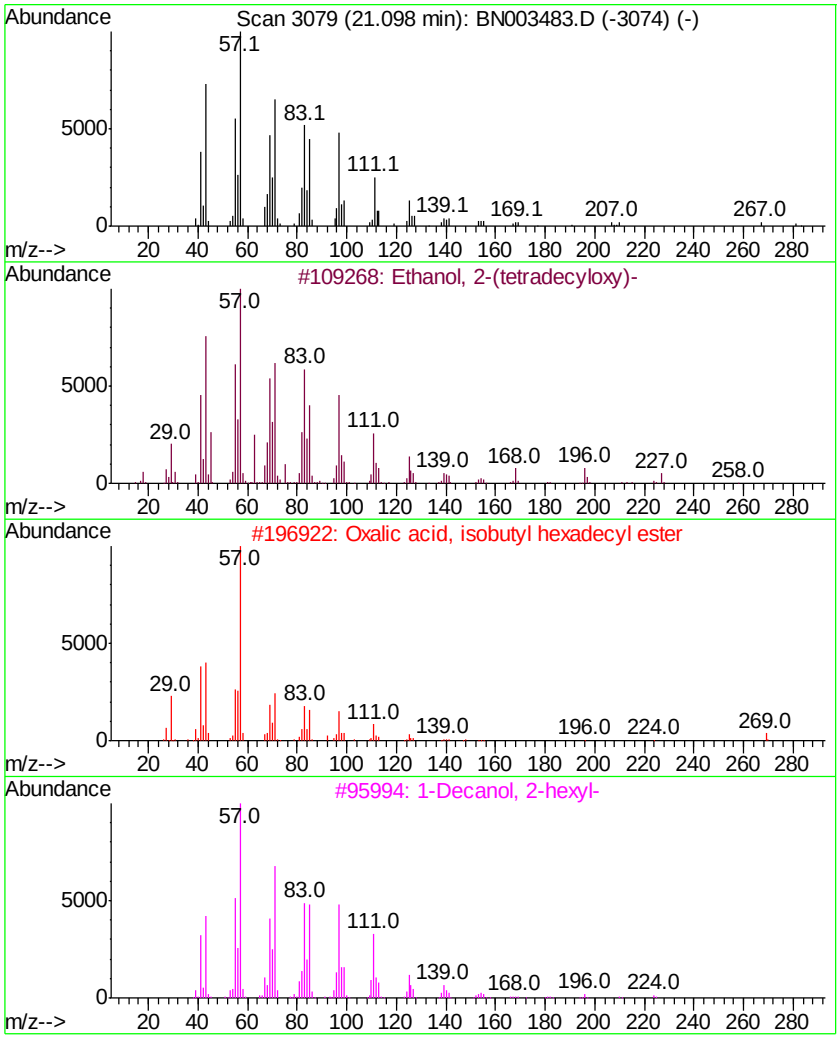
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

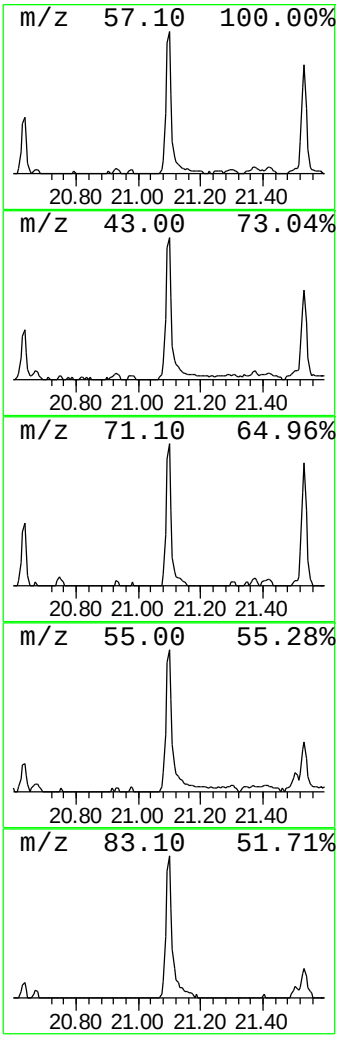
****

Peak Number 7 Ethanol, 2-(tetradecyloxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	3.71 ng	236002	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
4	Cyclopentadecane	210	C15H30	000295-48-7	84
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	76





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.03	4.0	ng	113563	1	7.85	563354	20.0
(S)-(+)-1,2-Propa...	3.56	2.7	ng	76938	1	7.85	563354	20.0
2-Pentanone, 4-hy...	4.96	3.9	ng	108680	1	7.85	563354	20.0
unknown7.38	7.38	118.6	ng	3340720	1	7.85	563354	20.0
n-Hexadecanoic acid	18.10	2.8	ng	193920	4	17.23	1367210	20.0
Ethanol, 2-(tetra...	21.10	3.7	ng	236002	5	21.40	1270830	20.0