LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
Data File : BF126993.D
Acq On : 22 Feb 2022 00:32
Operator : CG\JU
Sample : N1602-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20220082-AMENDED-BERKELEY-2-COMP

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_F\Methods\8270-BF021622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126993.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.157	483	488	498	rVB	138521	179756	4.99%	0.843%
2	5.540	548	553	556	rBV	2787061	2928634	81.37%	13.735%
3	6.463	705	710	717	rBV	124349	134776	3.74%	0.632%
4	6.540	717	723	727	rBV	2684576	3403050	94.55%	15.960%
5	6.916	783	787	790	rBV	724569	554611	15.41%	2.601%
6	7.481	877	883	886	rBV	2329386	2261864	62.85%	10.608%
7	8.092	983	987	998	rBV	172529	175347	4.87%	0.822%
8	8.198	1001	1005	1008	rBV	879027	748432	20.80%	3.510%
9	8.328	1024	1027	1039	rBV	130852	140728	3.91%	0.660%
10	9.275	1182	1188	1191	rBV	4208439	3599064	100.00%	16.879%
11	9.951	1299	1303	1307	rVB	936388	823409	22.88%	3.862%
12	10.745	1434	1438	1441	rBV	1812373	1593746	44.28%	7.474%
13	11.445	1553	1557	1560	rBV	960836	833896	23.17%	3.911%
14	11.504	1564	1567	1570	rVB2	52867	51489	1.43%	0.241%
15	11.822	1618	1621	1624	rBV	52175	42353	1.18%	0.199%
16	13.033	1822	1827	1830	rBV	3208361	2887284	80.22%	13.541%
17	13.921	1973	1978	1979	rBV2	63264	61338	1.70%	0.288%
18	14.086	2002	2006	2009	rBV	436794	386754	10.75%	1.814%
19	14.598	2086	2093	2104	rBV	17591	58533	1.63%	0.275%
20	15.580	2255	2260	2271	rVB	348172	457888	12.72%	2.147%

Sum of corrected areas: 21322952

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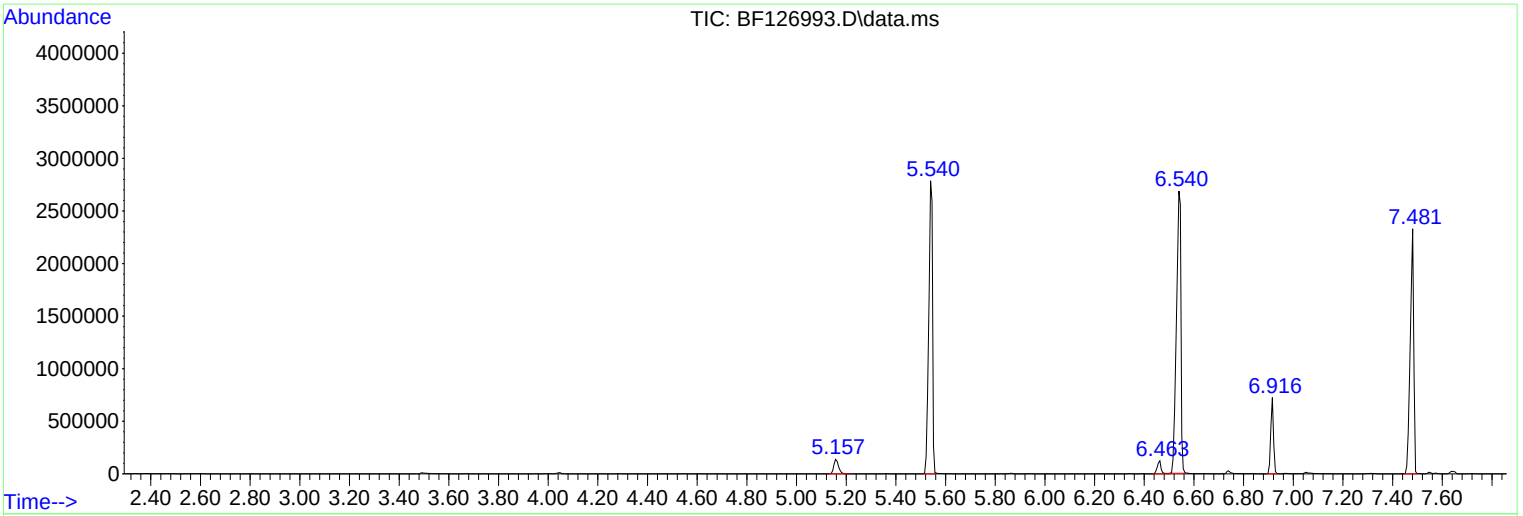
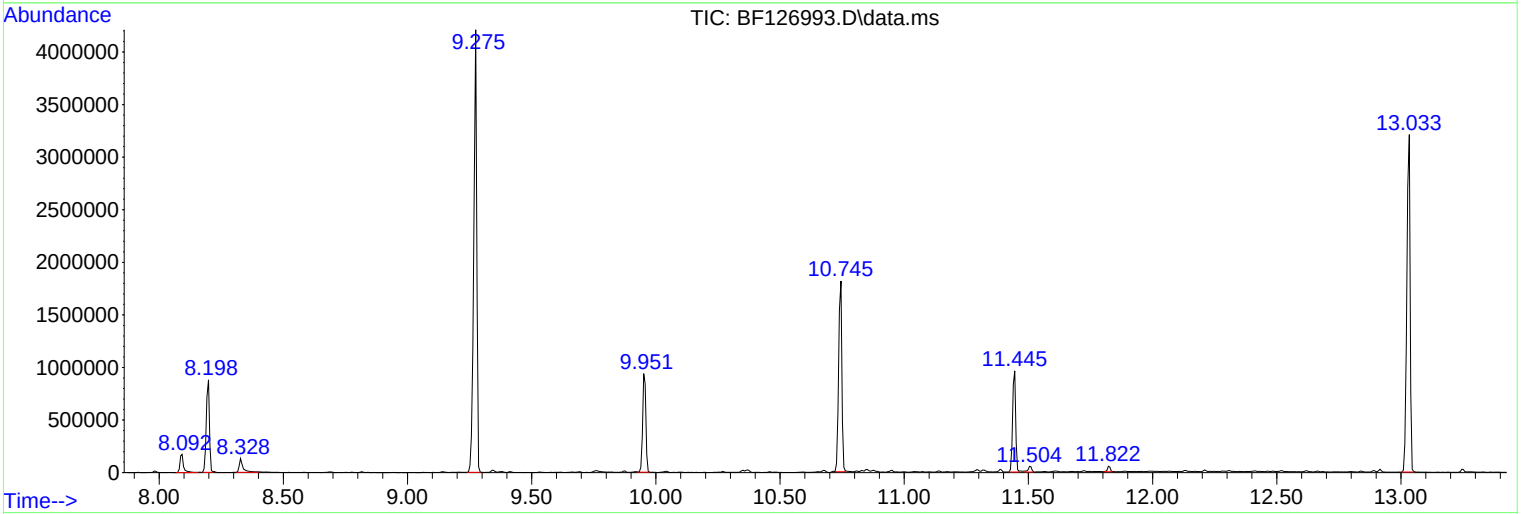
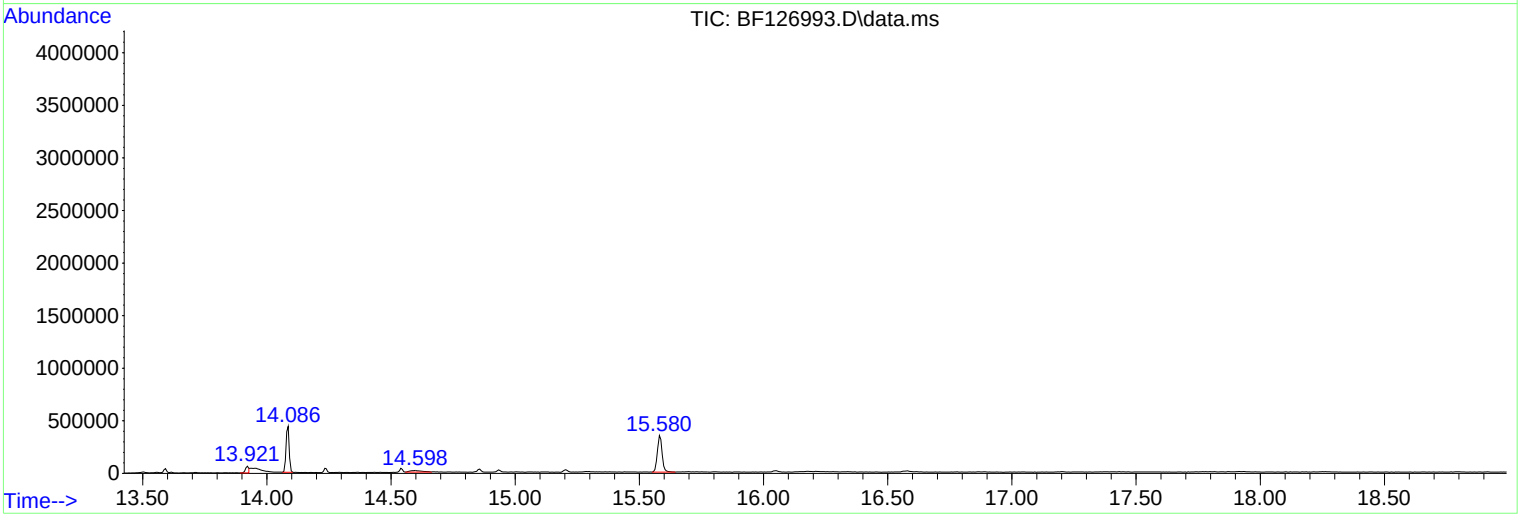
20220082-AMENDED-BERKELEY-2-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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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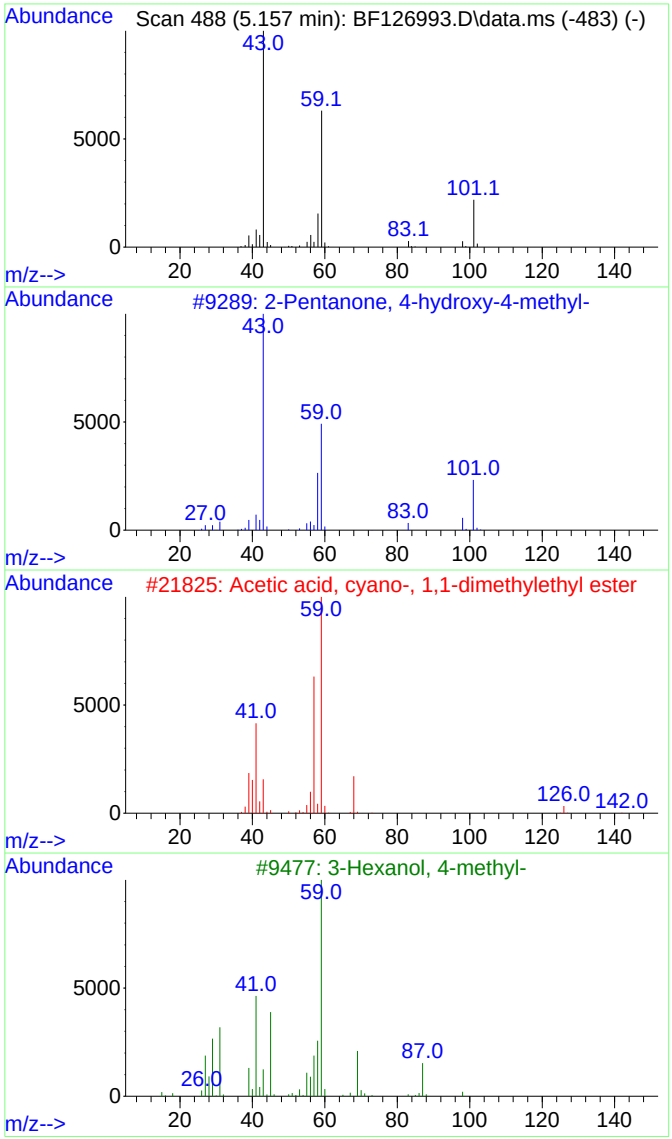
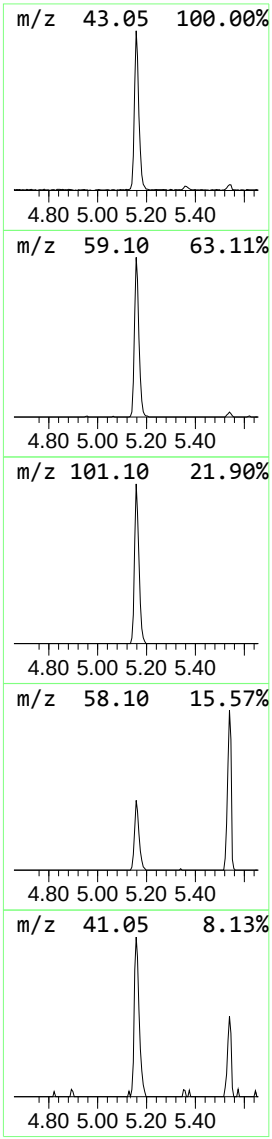
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.157	6.48 ng	179756	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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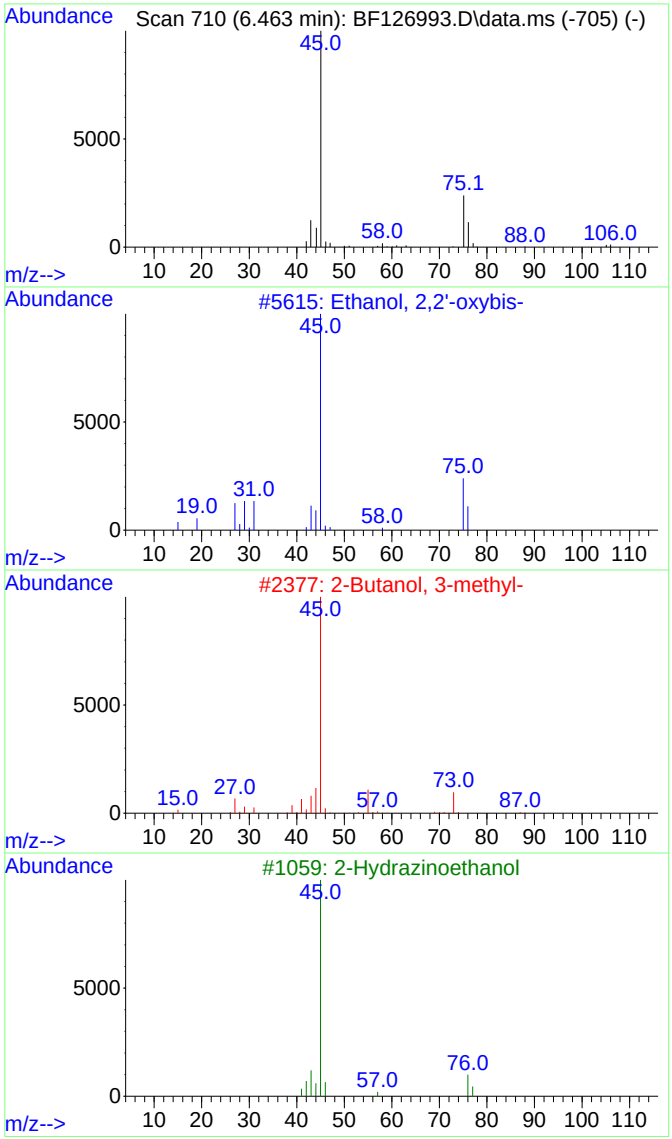
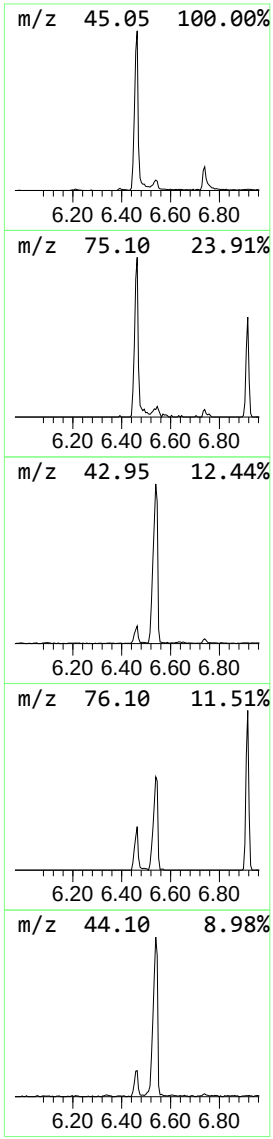
Peak Number 2 Ethanol, 2,2'-oxybis- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.463	4.86 ng	134776	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2,2'-oxybis-	106	C4H10O3	000111-46-6	78
2	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	42
3	2-Hydrazinoethanol	76	C2H8N2O	000109-84-2	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Ethanol, 2-methoxy-	76	C3H8O2	000109-86-4	9





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Sample : N1602-06
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20220082-AMENDED-BERKELEY-2-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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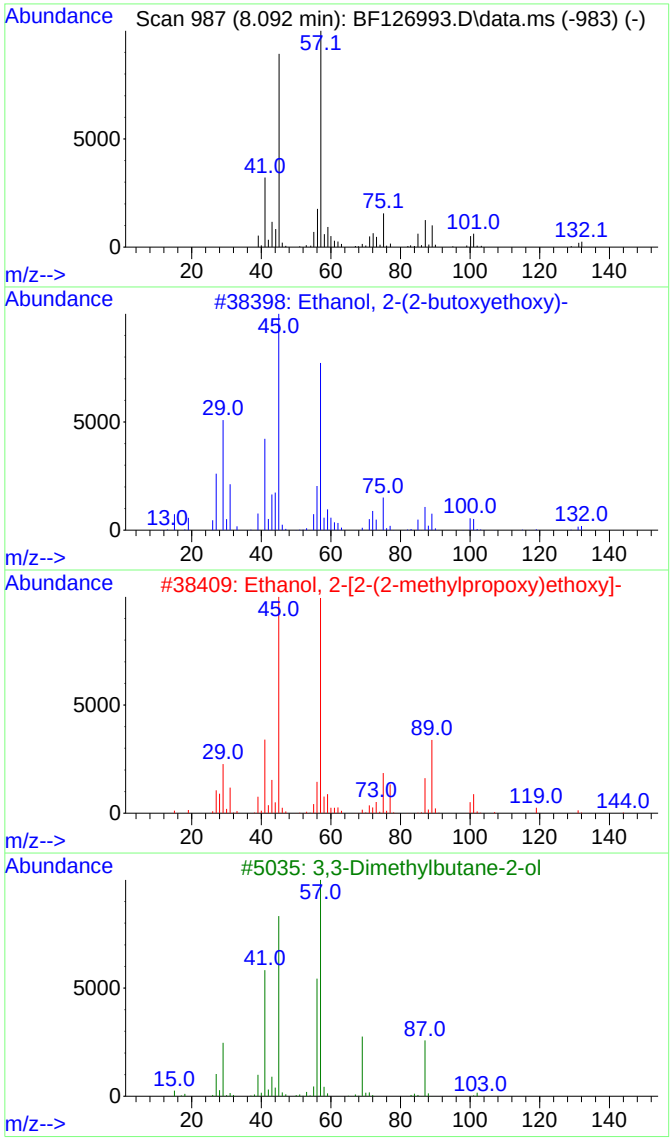
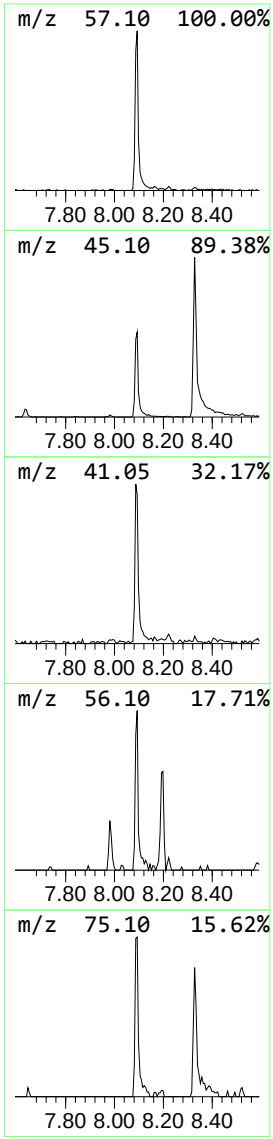
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.092	4.69 ng	175347	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	78
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
4	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	50
5	Butyl lactate	146	C7H14O3	000138-22-7	50





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20220082-AMENDED-BERKELEY-2-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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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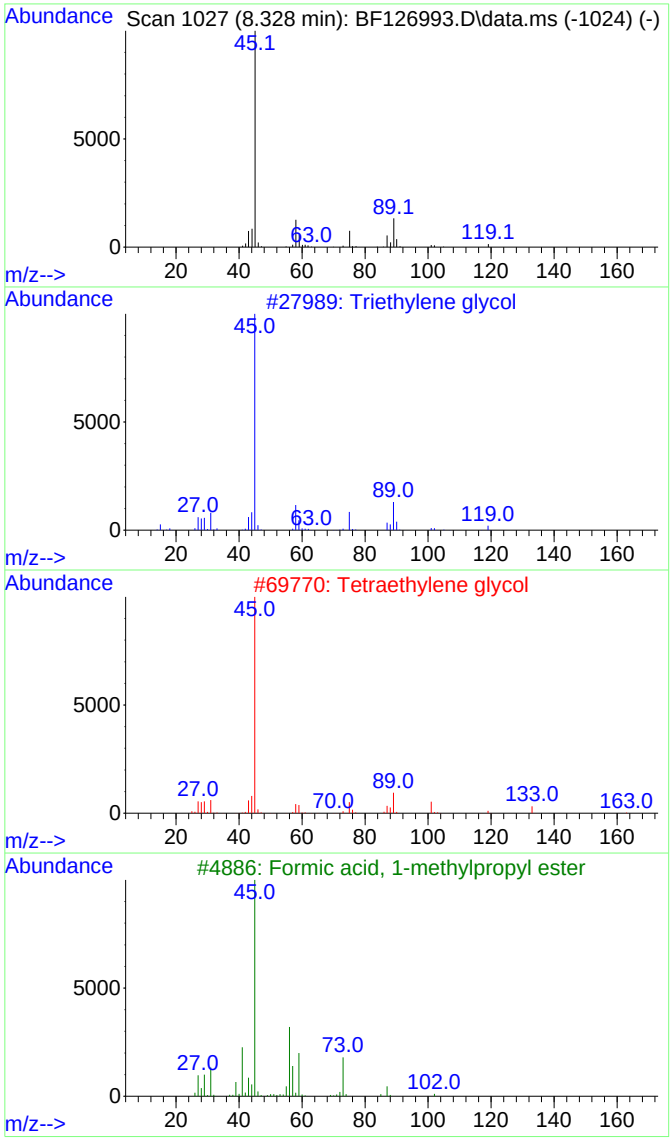
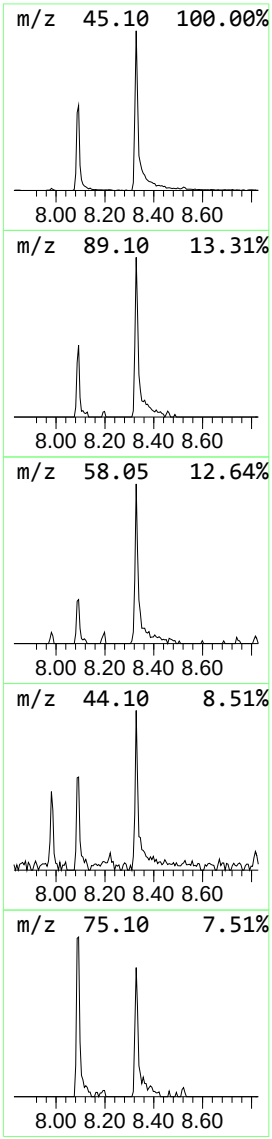
Peak Number 4 Triethylene glycol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.328	3.76 ng	140728	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethylene glycol	150	C6H14O4	000112-27-6	83
2	Tetraethylene glycol	194	C8H18O5	000112-60-7	78
3	Formic acid, 1-methylpropyl ester	102	C5H10O2	000589-40-2	50
4	Ethanol, 2-[2-(2-methoxyethoxy)e...	164	C7H16O4	000112-35-6	45
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	42





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ALS Vial : 20 Sample Multiplier: 1

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

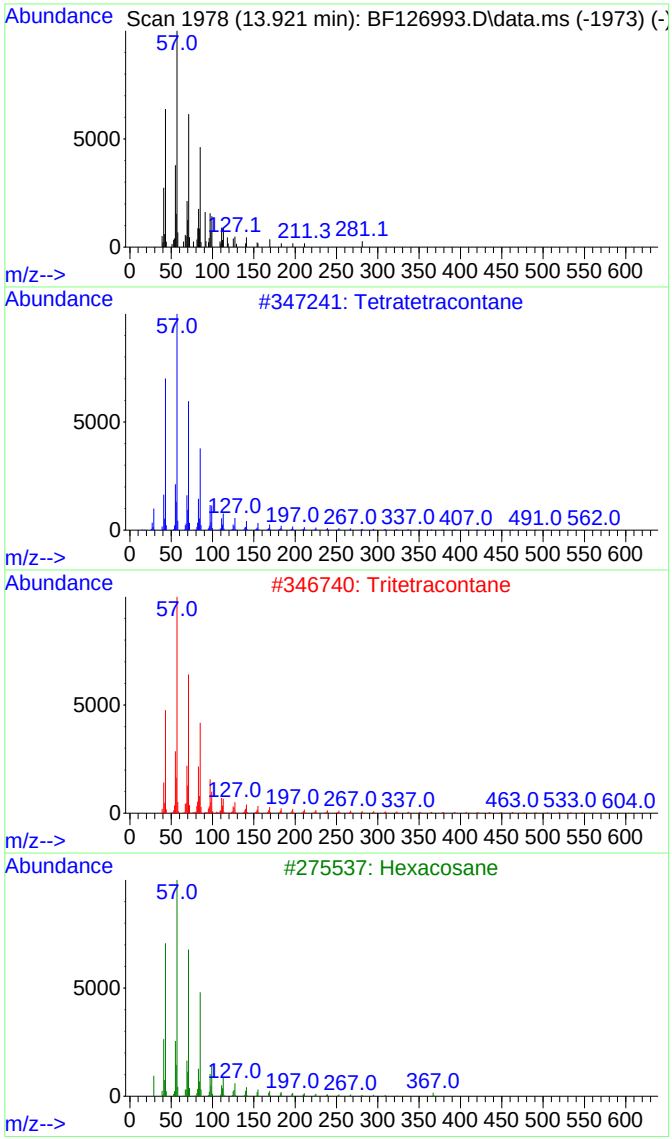
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

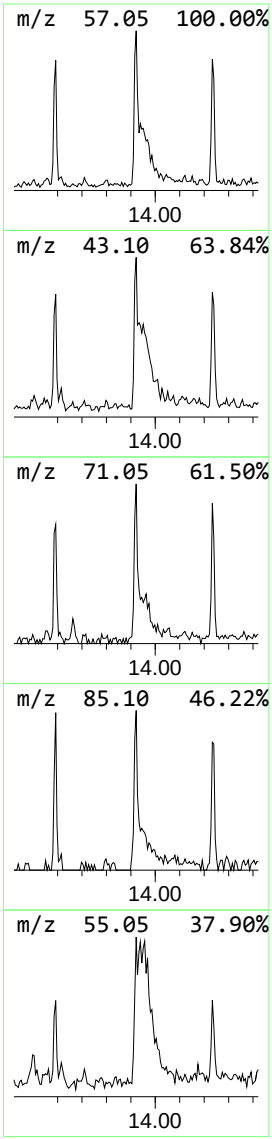
****

Peak Number 5 Tetratetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.922	3.17 ng	61338	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Tritetracontane	605	C43H88	007098-21-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	91
5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1010309-18-1	91





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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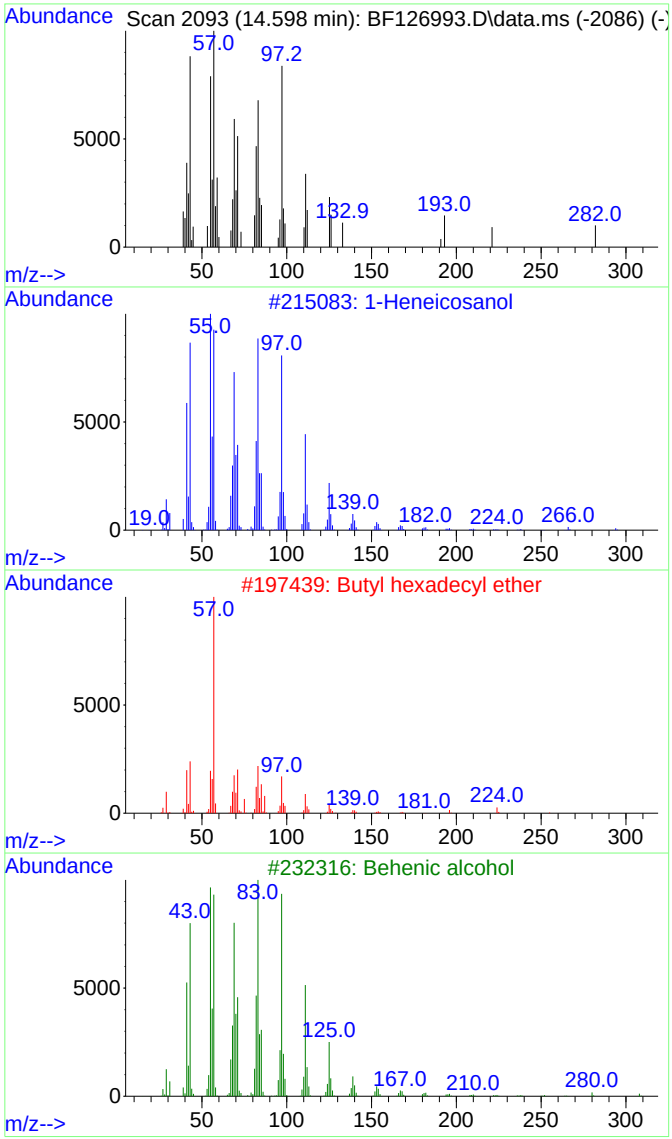
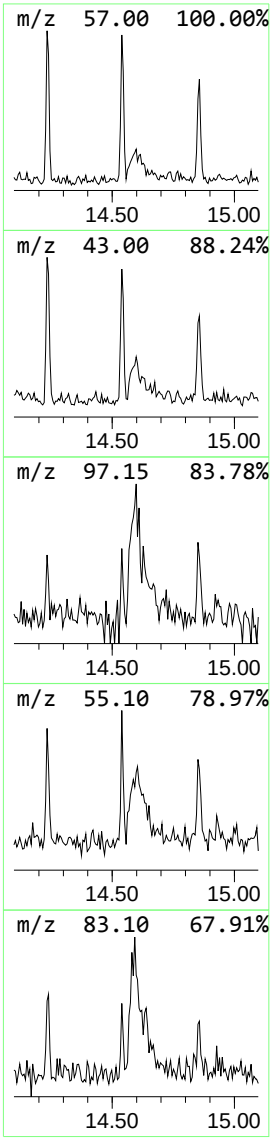
Peak Number 6 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.598	3.03 ng	58533	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	76
2	Butyl hexadecyl ether	298	C20H42O	1010406-40-5	74
3	Behenic alcohol	326	C22H46O	000661-19-8	68
4	Bacteriochlorophyll-c-stearyl	841	C52H72MgN4O4	1010164-49-7	68
5	17-Pentatriacontene	491	C35H70	006971-40-0	64





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.157	6.5	ng	179756	1	6.916	554611	20.0
Ethanol, 2,2'-o...	6.463	4.9	ng	134776	1	6.916	554611	20.0
Ethanol, 2-(2-b...	8.092	4.7	ng	175347	2	8.198	748432	20.0
Triethylene glycol	8.328	3.8	ng	140728	2	8.198	748432	20.0
Tetratetracontane	13.922	3.2	ng	61338	5	14.086	386754	20.0
1-Heneicosanol	14.598	3.0	ng	58533	5	14.086	386754	20.0