LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141917.D
Acq On : 11 Mar 2025 15:26
Operator : RC/JU
Sample : Q1508-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251372

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141917.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	7	14	rVB	875654	1337799	46.99%	5.809%
2	5.492	571	578	583	rBV	1794119	2359988	82.90%	10.247%
3	6.498	740	749	763	rBV	1589552	2434623	85.52%	10.571%
4	6.687	775	781	784	rBV	838451	1174058	41.24%	5.098%
5	6.710	784	785	796	rVB	333868	304865	10.71%	1.324%
6	6.804	796	801	809	rBV	1581091	2128838	74.78%	9.244%
7	6.881	809	814	816	rBV	656976	822439	28.89%	3.571%
8	6.904	816	818	822	rVB	405868	442359	15.54%	1.921%
9	7.439	900	909	913	rBV	1197208	1589353	55.83%	6.901%
10	8.157	1025	1031	1038	rBV	785263	1078487	37.89%	4.683%
11	9.233	1209	1214	1218	rBV	2291335	2846737	100.00%	12.361%
12	9.316	1224	1228	1232	rBV4	269322	441633	15.51%	1.918%
13	9.633	1278	1282	1285	rBV3	640200	1095081	38.47%	4.755%
14	9.786	1305	1308	1311	rBV4	491959	735541	25.84%	3.194%
15	9.828	1312	1315	1319	rVV	802950	1115375	39.18%	4.843%
16	9.916	1327	1330	1334	rVB3	1259657	1654246	58.11%	7.183%
17	10.333	1398	1401	1405	rBV2	1138487	1468875	51.60%	6.378%

Sum of corrected areas: 23030297

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
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Misc :
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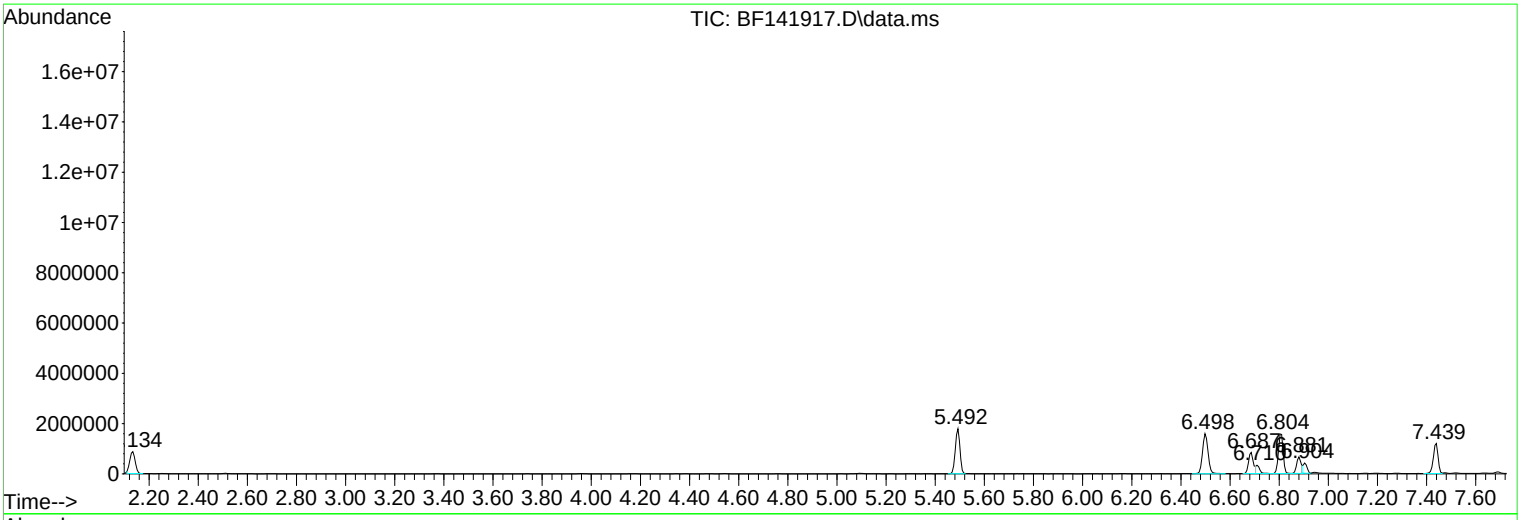
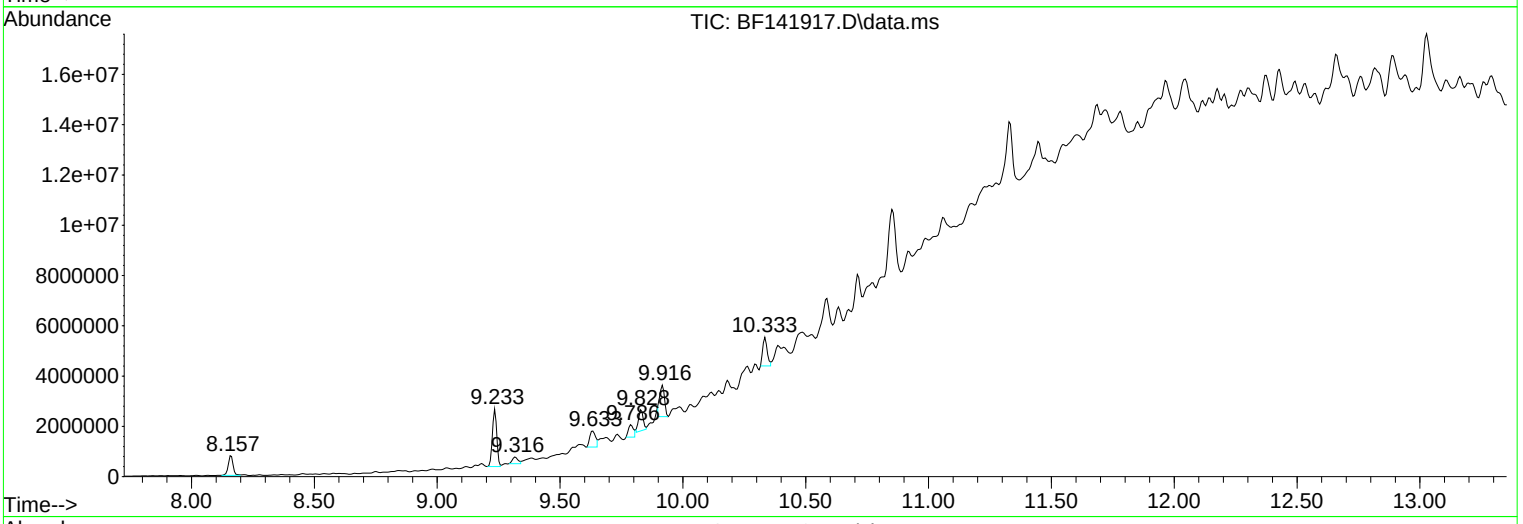
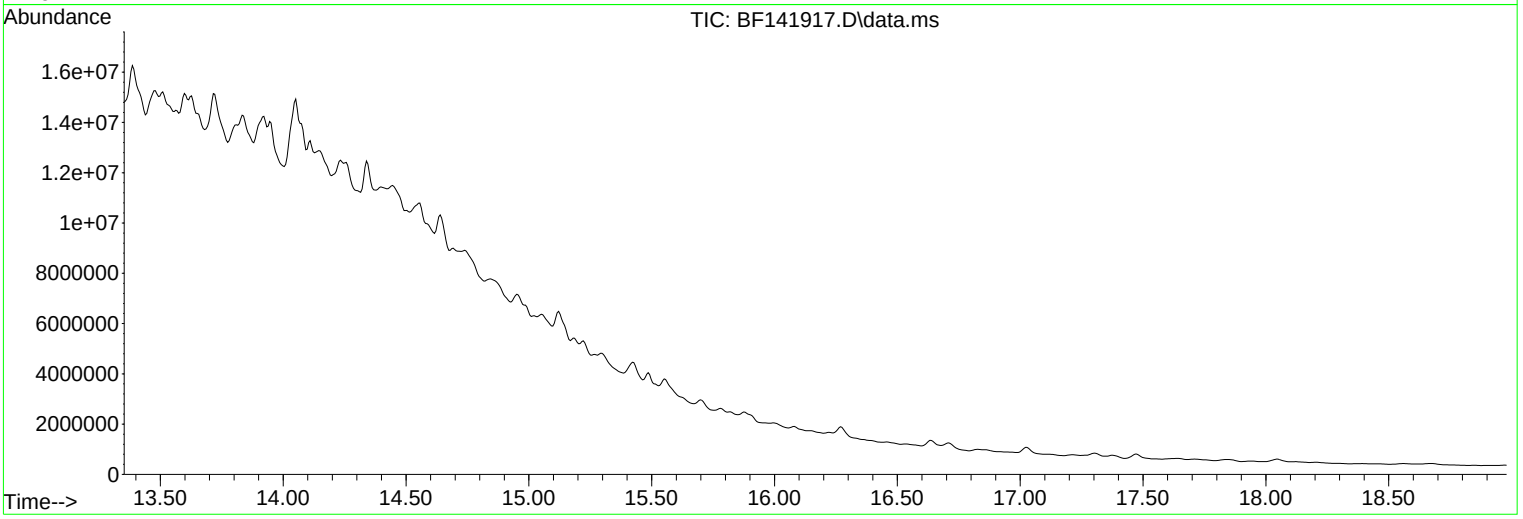
Instrument :
BNA_F
ClientSampleId :
RBR251372

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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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Data File : BF141917.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR251372

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

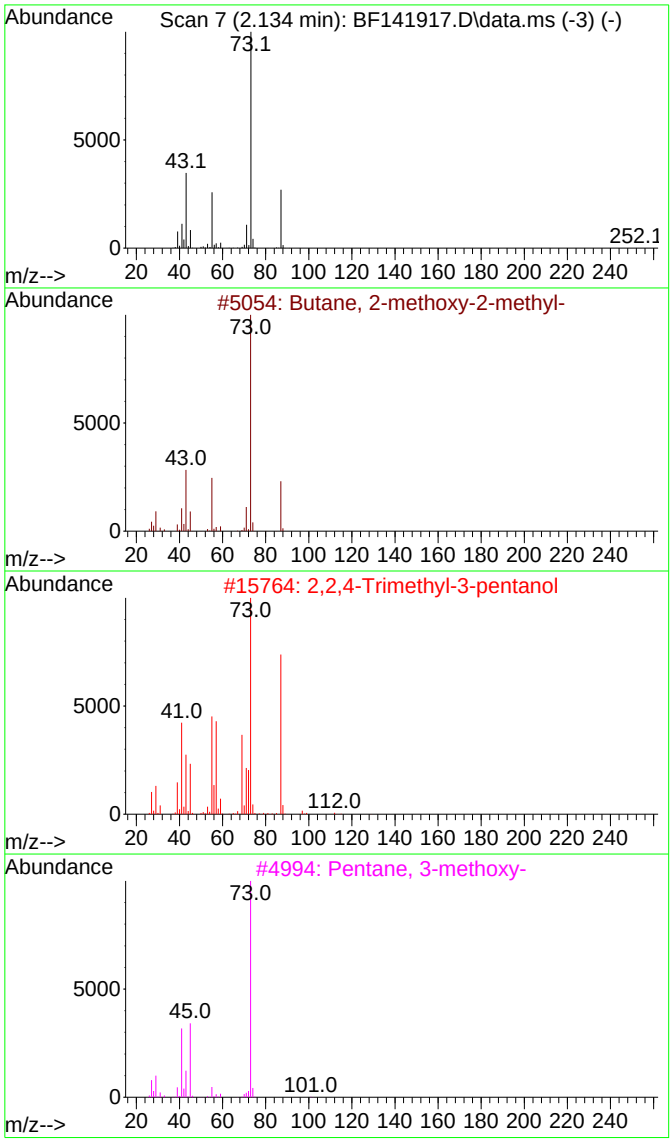
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

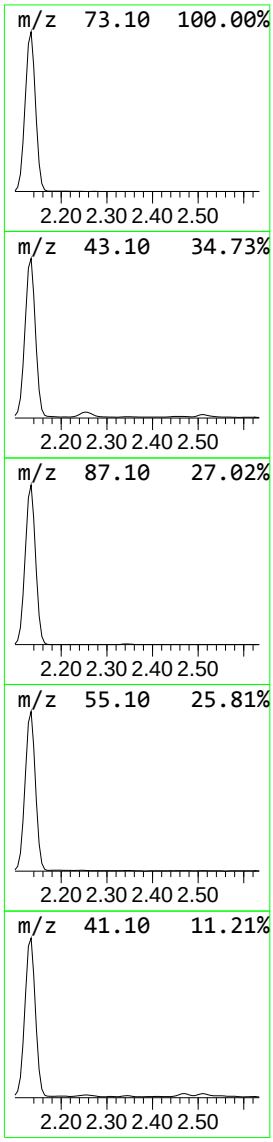
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.134	32.53 ng	1337800	1,4-Dichlorobenzene-d4	6.881

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	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
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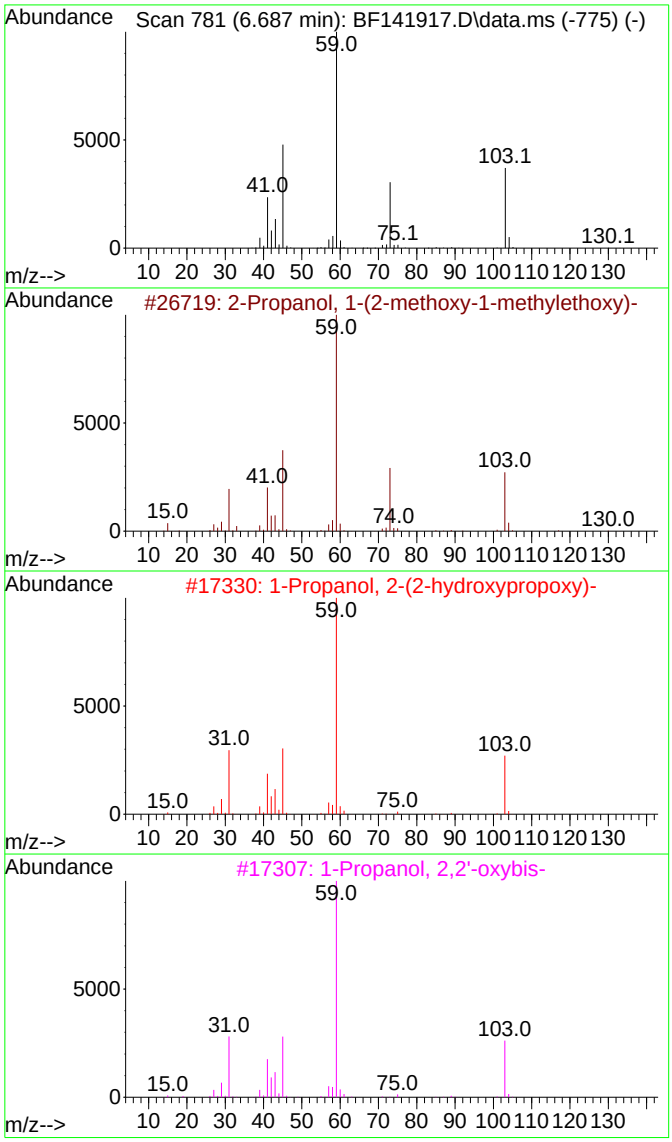
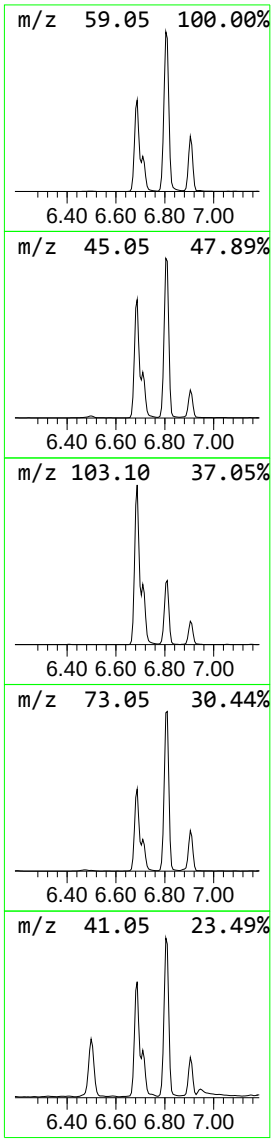
****

Peak Number 2 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.687	28.55 ng	1174060	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	83
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	50
3	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	50
4	Dipropylene glycol (isomer 2)	134	C6H14O3	1000506-25-4	50
5	Dipropylene glycol (isomer 3)	134	C6H14O3	1000506-25-5	50





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Sample : Q1508-01
Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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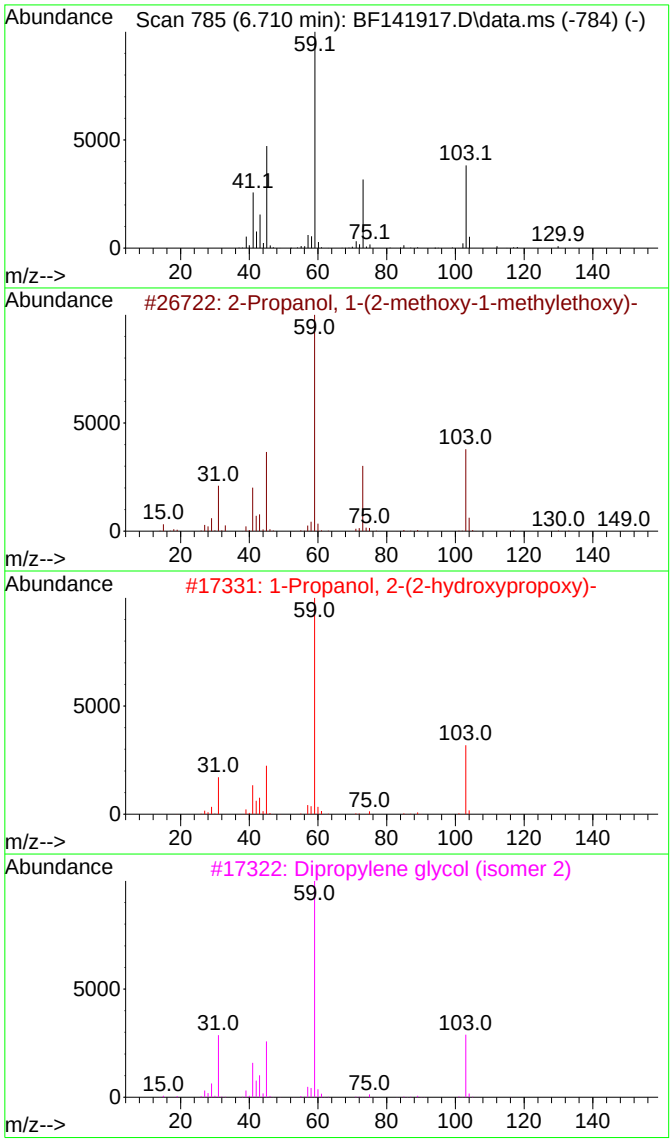
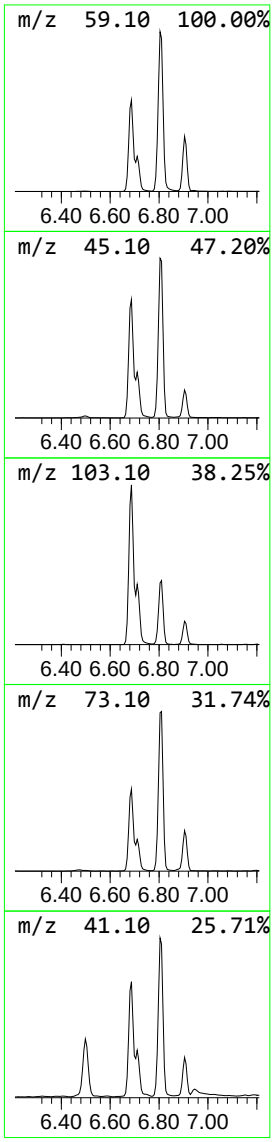
****
Peak Number 3 1-Propanol, 2-(2-hydroxypro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.710	7.41 ng	304865	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	72
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	50
3	Dipropylene glycol (isomer 2)	134	C6H14O3	1000506-25-4	42
4	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	40
5	Dipropylene glycol (isomer 3)	134	C6H14O3	1000506-25-5	40





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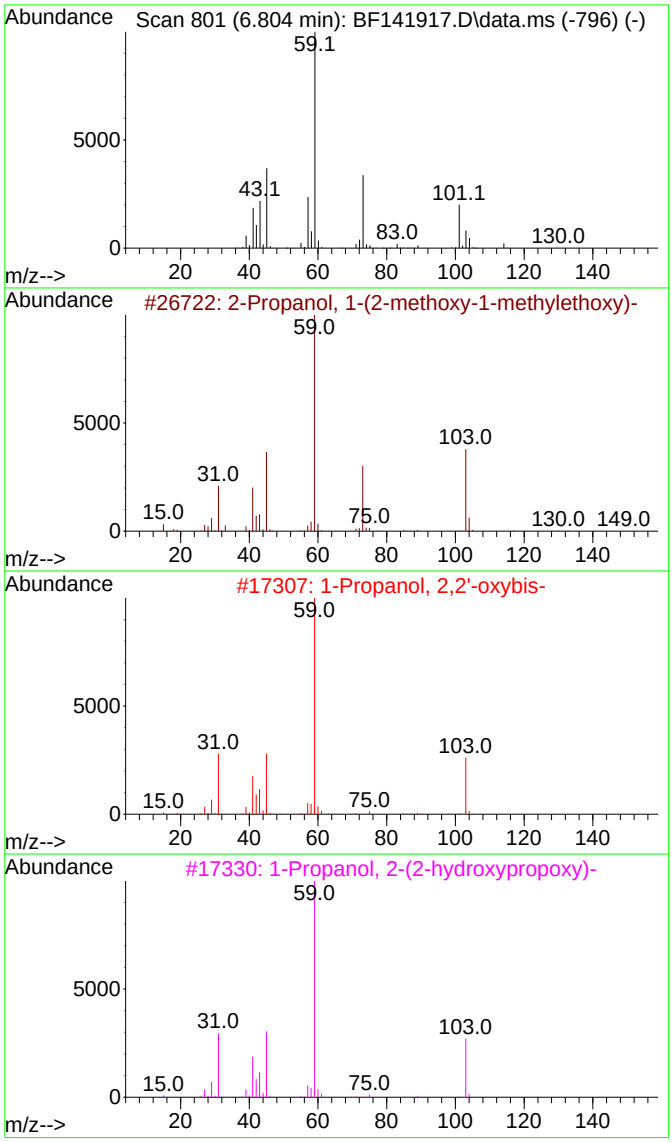
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

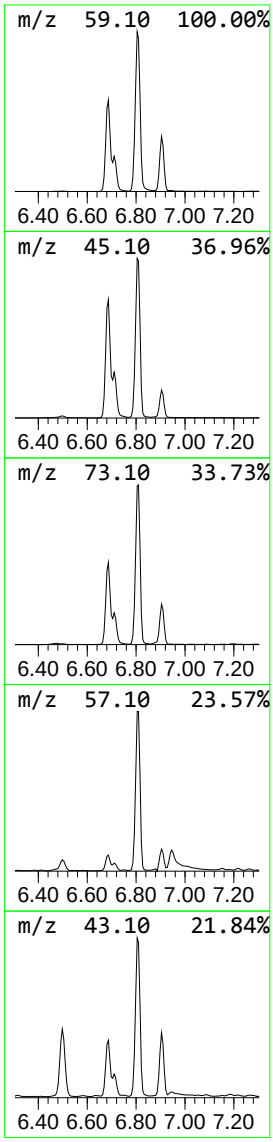
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Propanol, 2,2'-oxybis- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.804	51.77 ng	2128840	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	64
2	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	53
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53
4	Dipropylene glycol (isomer 3)	134	C6H14O3	1000506-25-5	47
5	Dipropylene glycol (isomer 2)	134	C6H14O3	1000506-25-4	40





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
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TIC Library : C:\Database\NIST20.L
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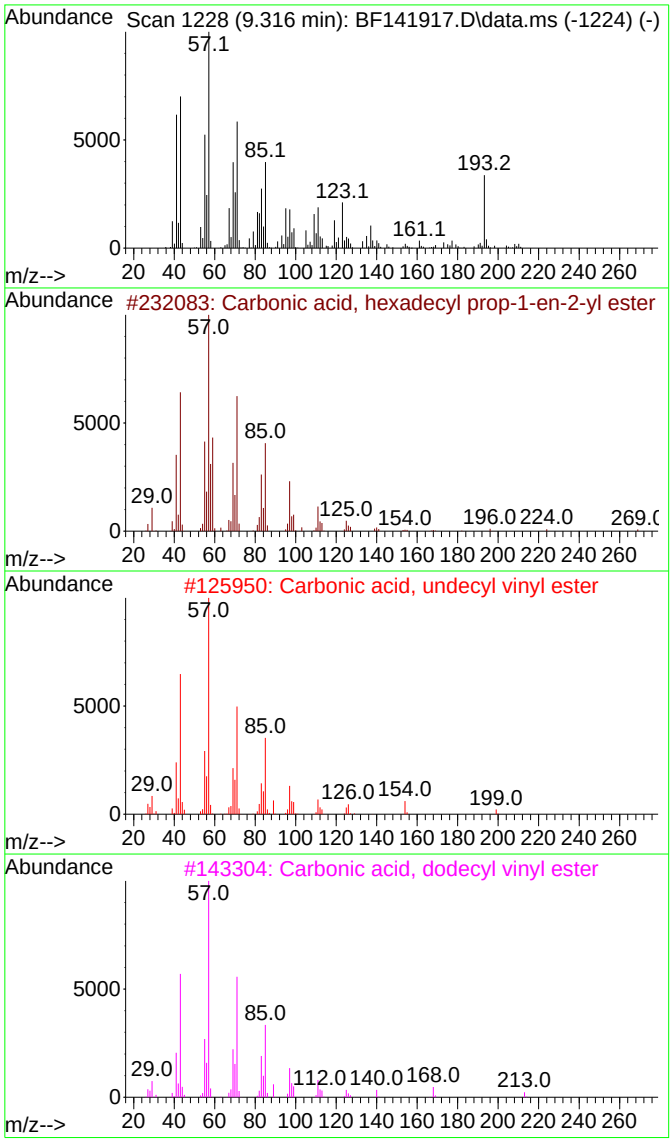
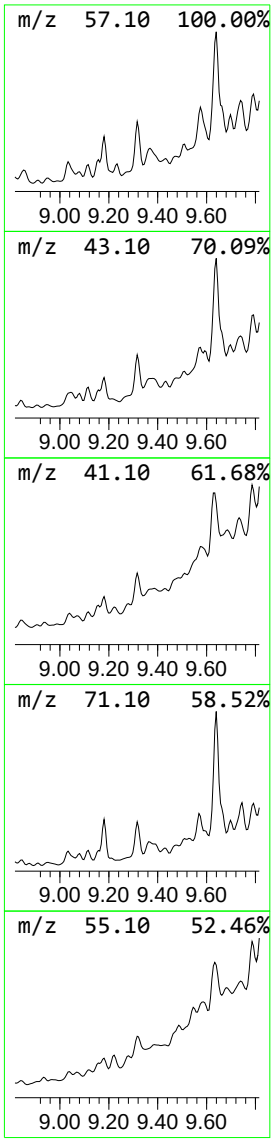
****

Peak Number 5 unknown9.316 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.316	5.34 ng	441633	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	49
2	Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	46
3	Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	46
4	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	46
5	Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	46





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

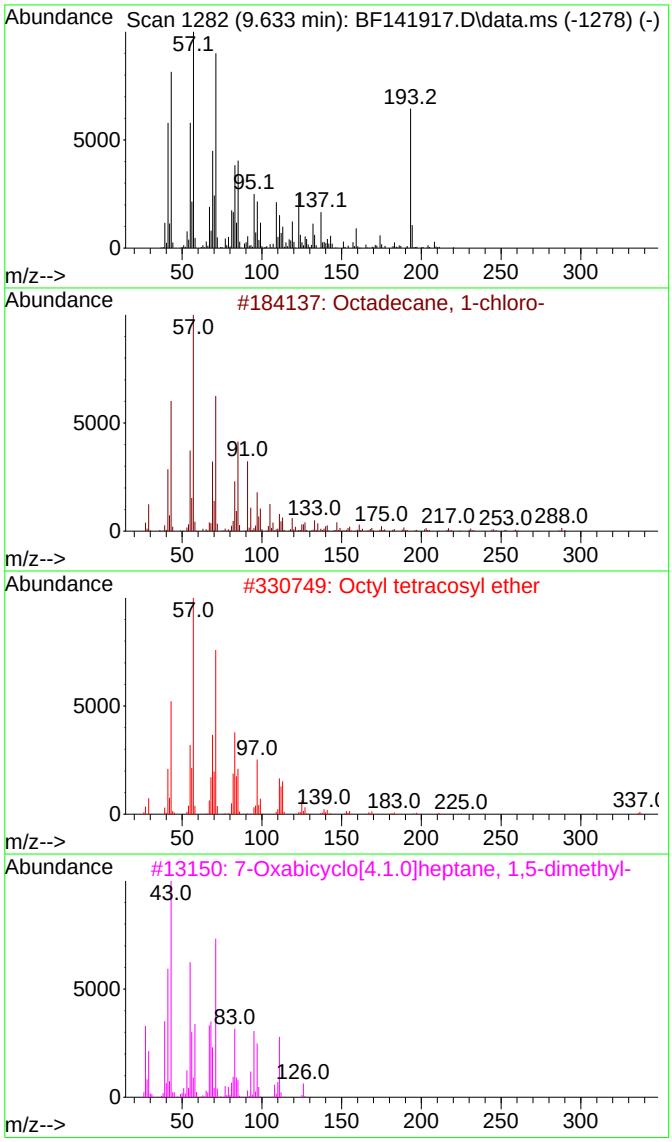
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

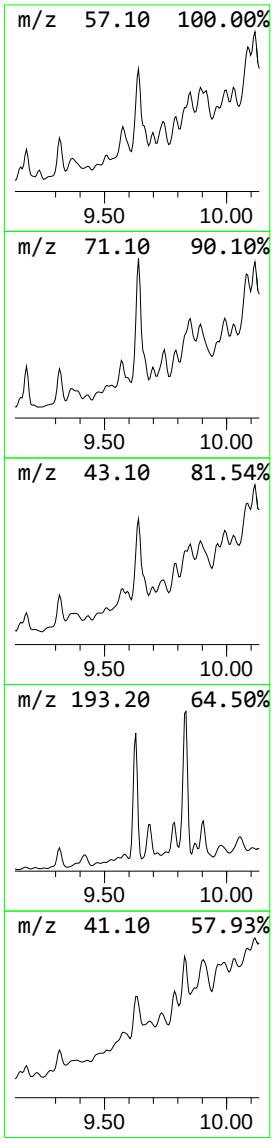
****

Peak Number 6 unknown9.633 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.633	13.24 ng	1095080	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	43
2	Octyl tetracosyl ether	467	C32H66O	1000406-39-0	43
3	7-Oxabicyclo[4.1.0]heptane, 1,5-...	126	C8H14O	162239-52-3	43
4	Eicosyl octyl ether	410	C28H58O	1000406-38-8	43
5	Octyl tetradecyl ether	326	C22H46O	1000406-38-5	43





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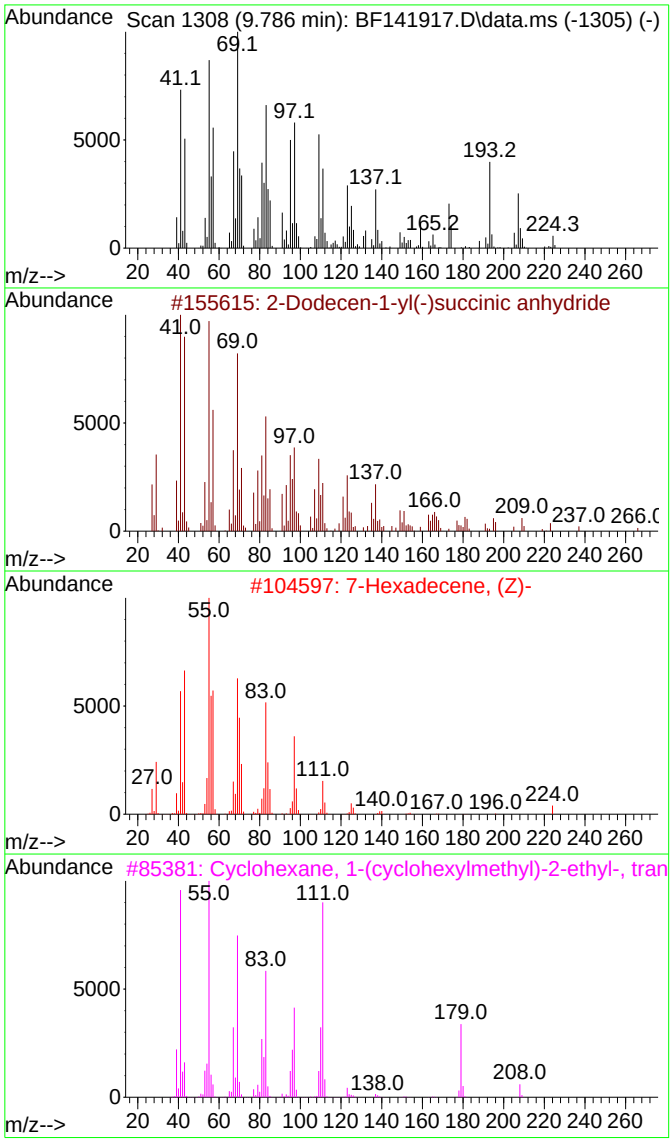
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

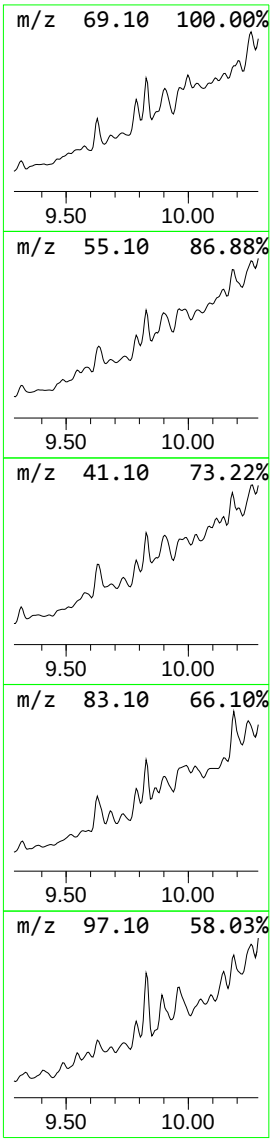
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2-Dodecen-1-yl(-)succinic a... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.786	8.89 ng	735541	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dodecen-1-yl(-)succinic anhydride	266	C16H26O3	019780-11-1	50
2	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	38
3	Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-92-8	38
4	1-Undecene, 8-methyl-	168	C12H24	074630-40-3	25
5	1-Hexacosene	364	C26H52	018835-33-1	15





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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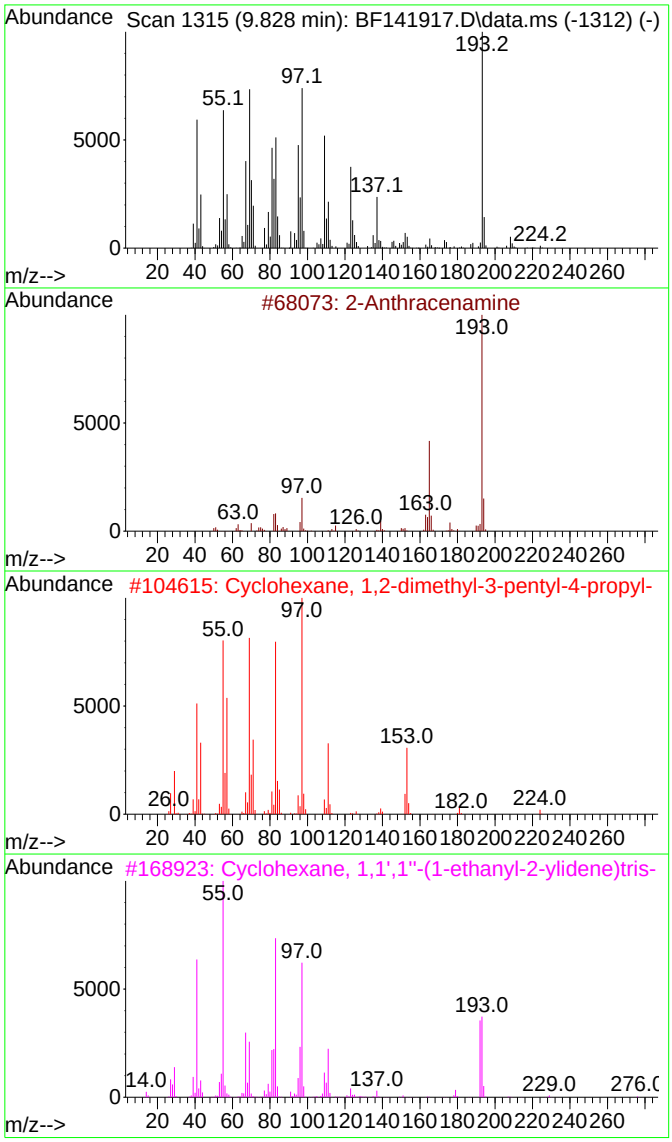
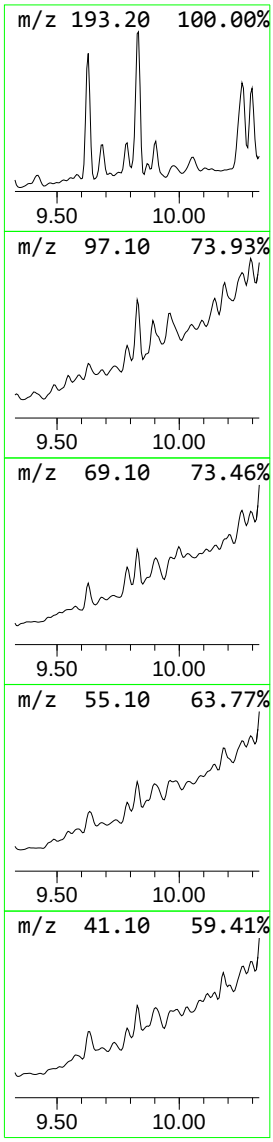
****

Peak Number 8 unknown9.828 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.828	13.48 ng	1115380	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Anthracenamine	193	C14H11N	000613-13-8	46
2	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	45
3	Cyclohexane, 1,1',1''-(1-ethanyl...	276	C20H36	055682-86-5	35
4	Succinic acid, tridec-2-yn-1-yl ...	420	C26H44O4	1010391-10-5	30
5	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	30





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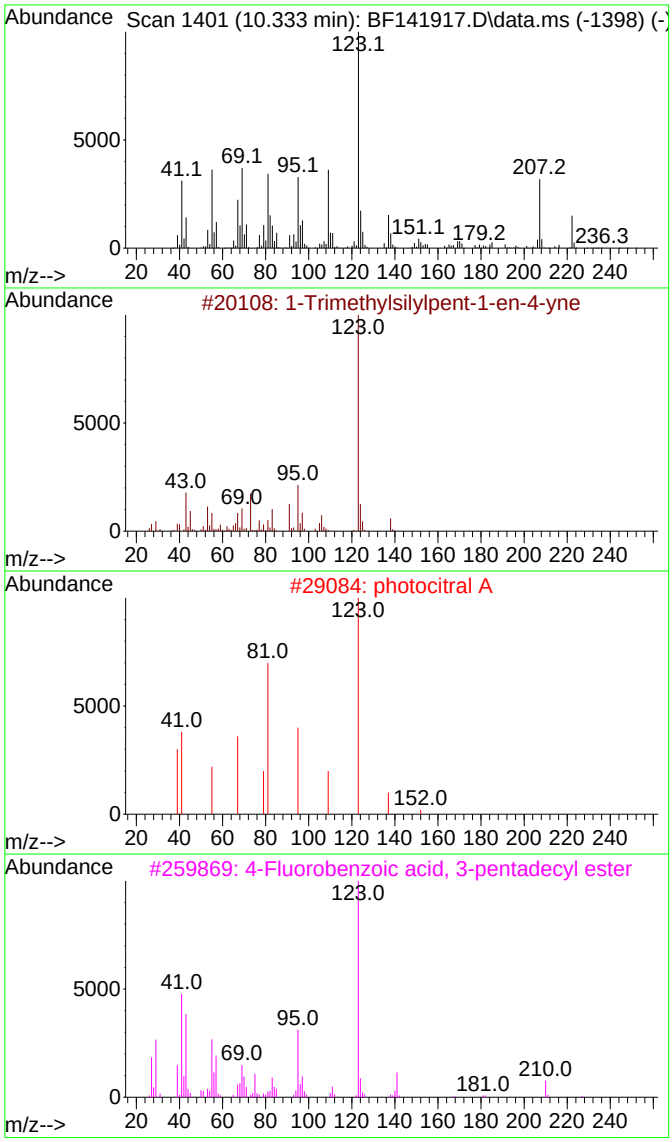
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

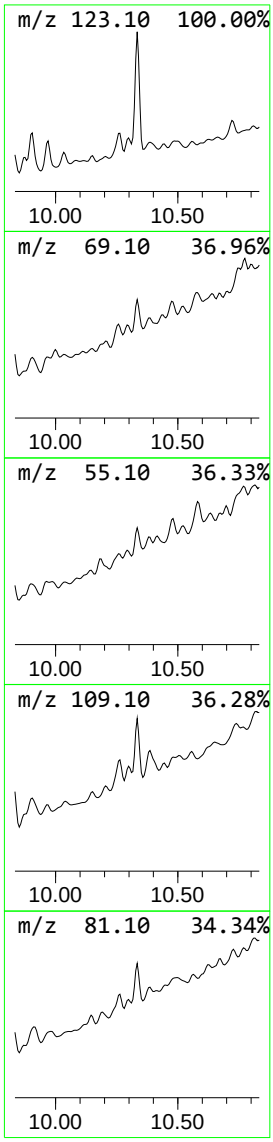
****

Peak Number 9 unknown10.333 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.333	17.76 ng	1468880	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	47
2	photocitral A	152	C10H16O	055253-28-6	47
3	4-Fluorobenzoic acid, 3-pentadec...	350	C22H35FO2	1000280-68-4	47
4	3-Fluorobenzoic acid, 2-tridecyl...	322	C20H31FO2	1000280-60-2	47
5	Ethanone, 1-[3-[2-methyl-2-(5-me...	222	C13H18O3	080114-28-9	46





Tentatively Identified Compound (LSC) summary

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RBR251372

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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
Butane, 2-metho...	2.134	32.5	ng	1337800	1	6.881	822439	20.0
2-Propanol, 1-(...	6.687	28.6	ng	1174060	1	6.881	822439	20.0
1-Propanol, 2-(...	6.710	7.4	ng	304865	1	6.881	822439	20.0
1-Propanol, 2,2...	6.804	51.8	ng	2128840	1	6.881	822439	20.0
unknown9.316	9.316	5.3	ng	441633	3	9.916	1654250	20.0
unknown9.633	9.633	13.2	ng	1095080	3	9.916	1654250	20.0
2-Dodecen-1-yl(...	9.786	8.9	ng	735541	3	9.916	1654250	20.0
unknown9.828	9.828	13.5	ng	1115380	3	9.916	1654250	20.0
unknown10.333	10.333	17.8	ng	1468880	3	9.916	1654250	20.0