LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
Data File : BG060189.D
Acq On : 2 Jan 2024 11:09
Operator : MA/JU
Sample : 06039-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EC48-NORTH

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_G\Methods\8270-BG122923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060189.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.117	3	5	10	rVB	459816	488192	3.12%	0.700%
2	5.044	327	333	339	rBV	354461	529802	3.38%	0.760%
3	5.508	406	412	431	rBV	3771390	6176846	39.42%	8.861%
4	7.100	673	683	699	rBV	3542955	6207246	39.62%	8.904%
5	7.940	818	826	836	rBV	597234	1067073	6.81%	1.531%
6	9.098	1015	1023	1034	rBV	1908073	3451095	22.03%	4.951%
7	10.743	1295	1303	1314	rBV	886925	1582087	10.10%	2.270%
8	13.199	1713	1721	1732	rBV	6398541	9729447	62.10%	13.957%
9	14.027	1855	1862	1872	rBV	282167	461230	2.94%	0.662%
10	14.574	1946	1955	1965	rBV2	1632909	2594075	16.56%	3.721%
11	15.367	2085	2090	2096	rBV	375440	511084	3.26%	0.733%
12	16.066	2202	2209	2228	rBV	4627046	7191802	45.90%	10.317%
13	17.323	2416	2423	2434	rBV	2293828	3547399	22.64%	5.089%
14	19.944	2863	2869	2882	rBV	11505924	15668404	100.00%	22.476%
15	21.236	3084	3089	3095	rBV2	471725	707868	4.52%	1.015%
16	21.589	3142	3149	3163	rBV	2305534	3896120	24.87%	5.589%
17	22.341	3272	3277	3281	rBV3	98254	184362	1.18%	0.264%
18	23.199	3417	3423	3427	rBV3	136716	272128	1.74%	0.390%
19	23.252	3428	3432	3440	rVB	212817	402286	2.57%	0.577%
20	24.233	3587	3599	3613	rBV3	162544	524626	3.35%	0.753%
21	24.768	3678	3690	3708	rBV	1376861	4118070	26.28%	5.907%
22	25.502	3806	3815	3825	rVB5	132647	398996	2.55%	0.572%

Sum of corrected areas: 69710238

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ClientSampleId :
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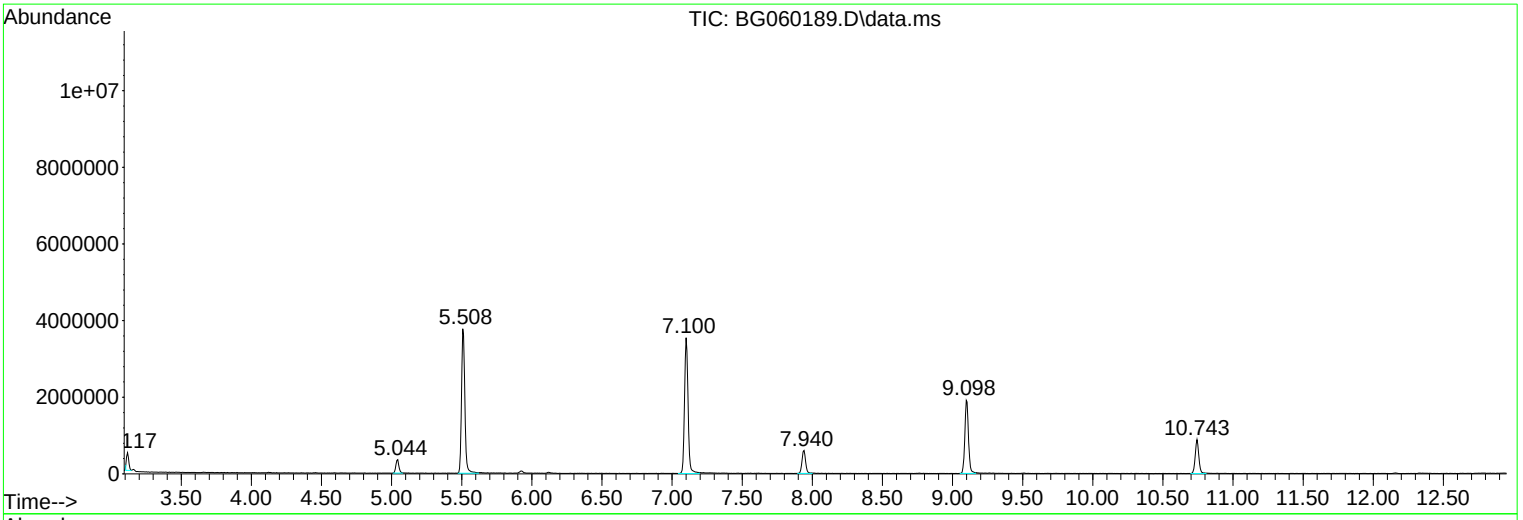
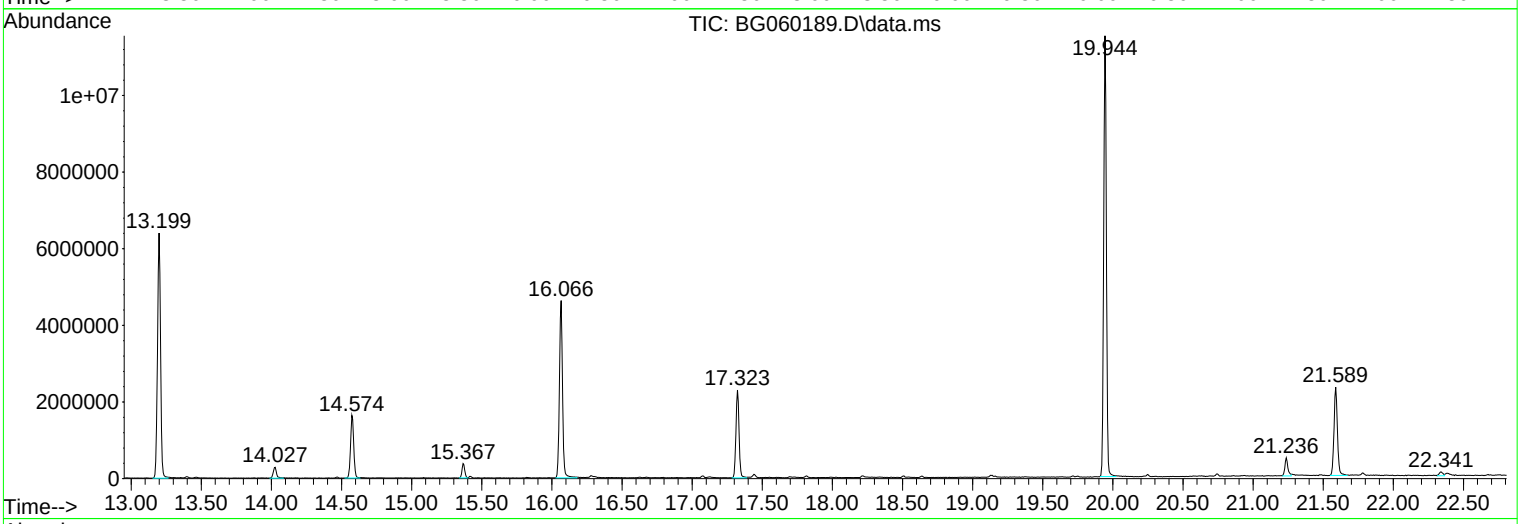
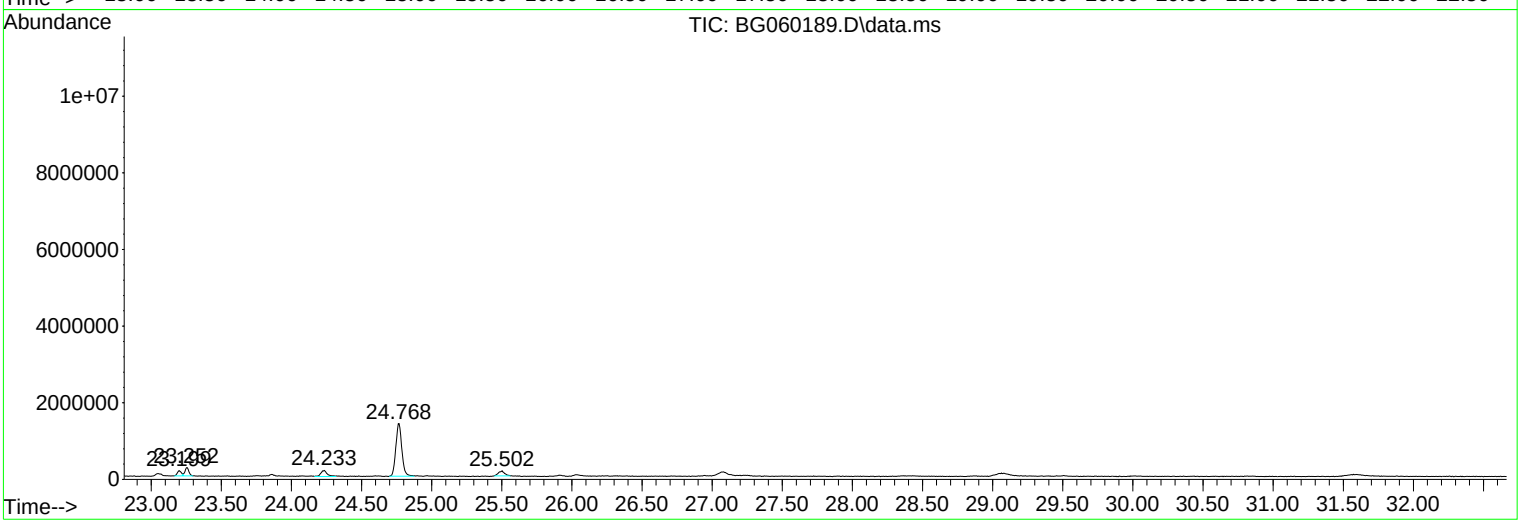
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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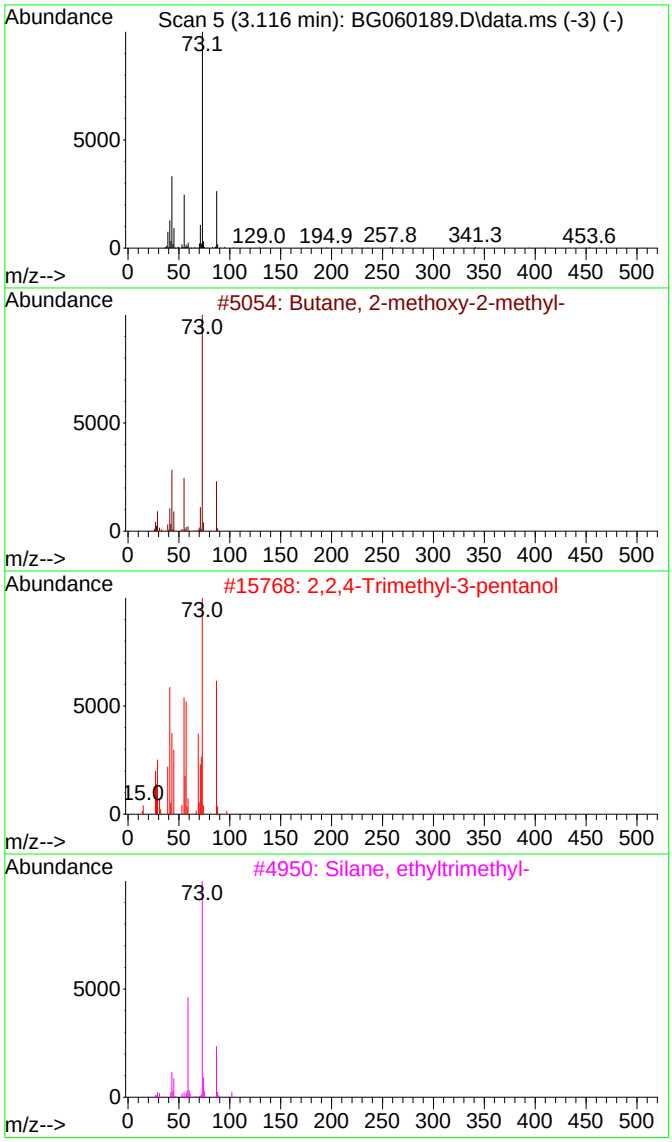
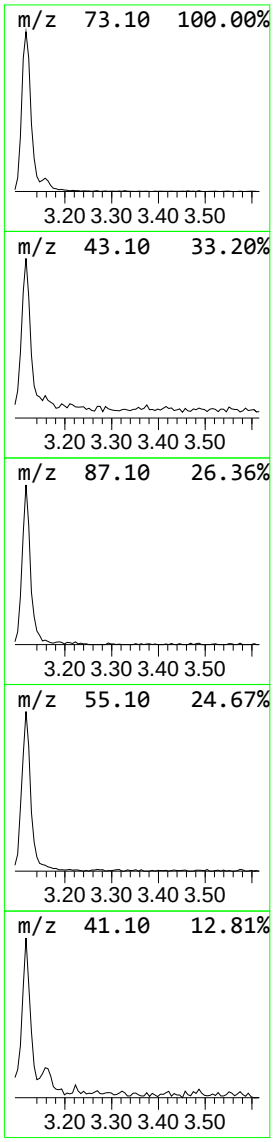
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.116	9.15 ng	488192	1,4-Dichlorobenzene-d4	7.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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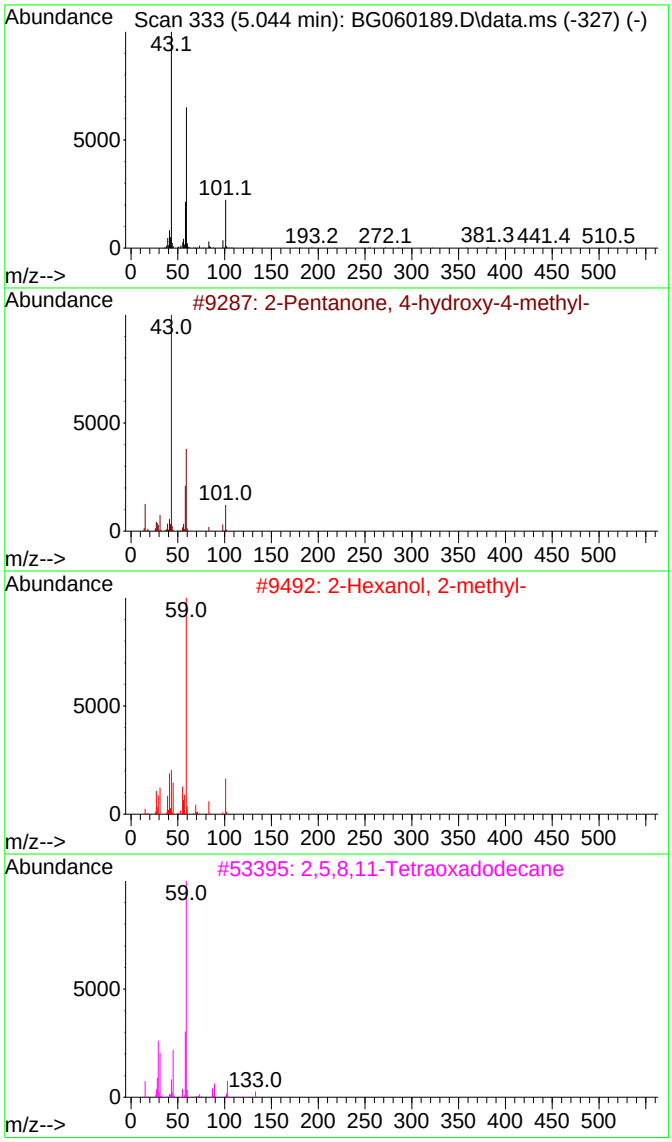
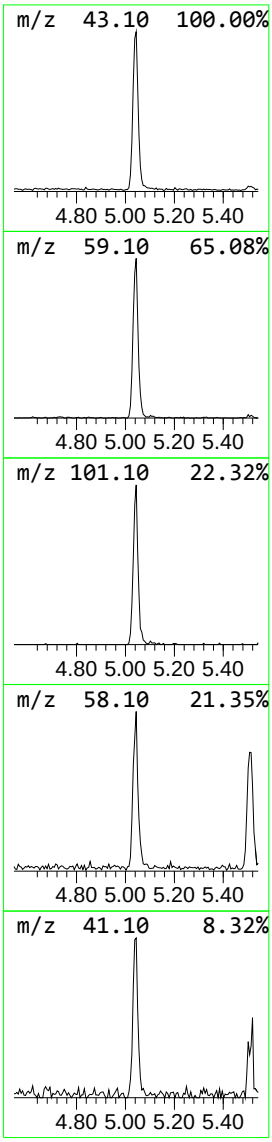
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.044	9.93 ng	529802	1,4-Dichlorobenzene-d4	7.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
3	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	25
4	Hydrazine, (1-methylethyl)-	74	C3H10N2	002257-52-5	10
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	10





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Instrument :
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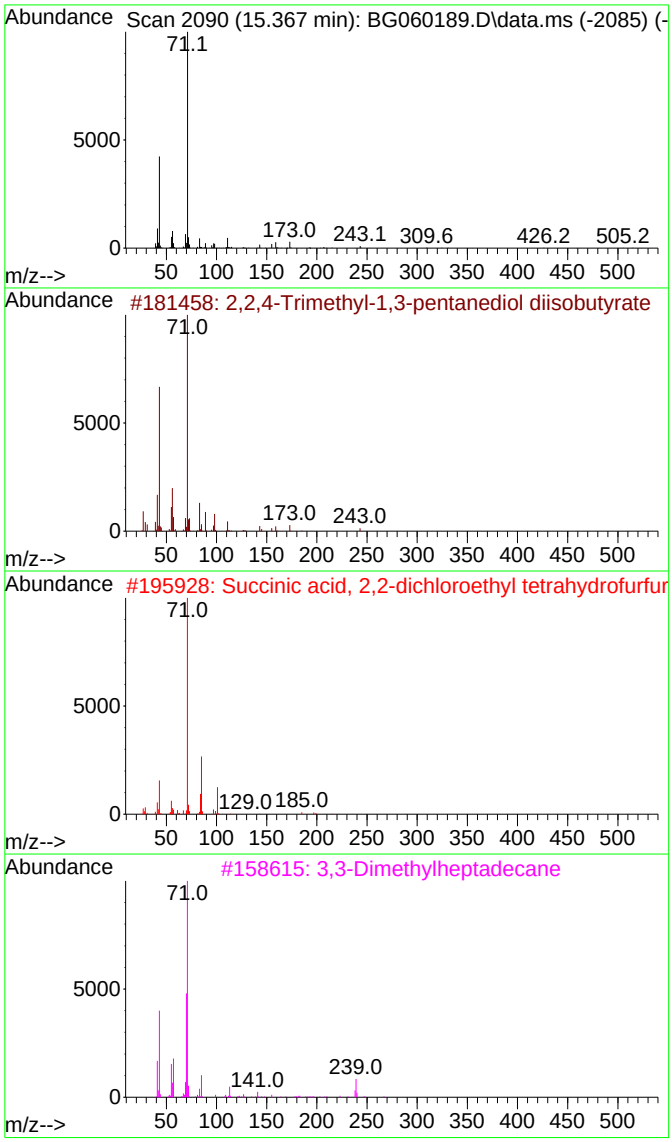
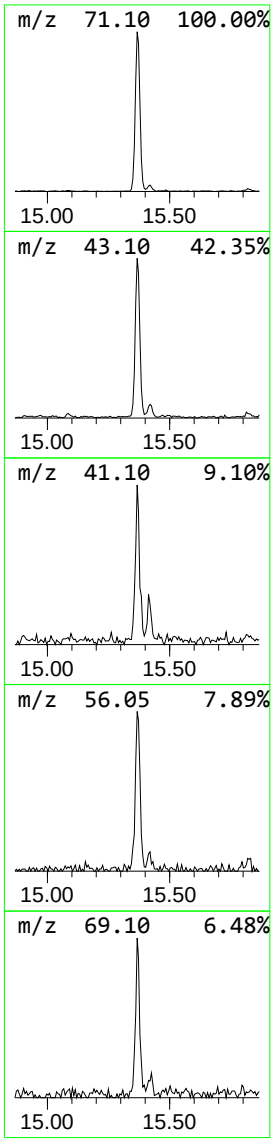
****
Peak Number 3 2,2,4-Trimethyl-1,3-pentane... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.367	3.94 ng	511084	Acenaphthene-d10	14.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	78
2	Succinic acid, 2,2-dichloroethyl...	298	C11H16Cl2O5	1000390-71-6	64
3	3,3-Dimethylheptadecane	268	C19H40	1000360-43-3	50
4	Fumaric acid, nonyl tetrahydrofu...	326	C18H30O5	1000330-58-3	50
5	Diethylmalonic acid, monochlorid...	262	C12H19ClO4	1000370-65-0	50





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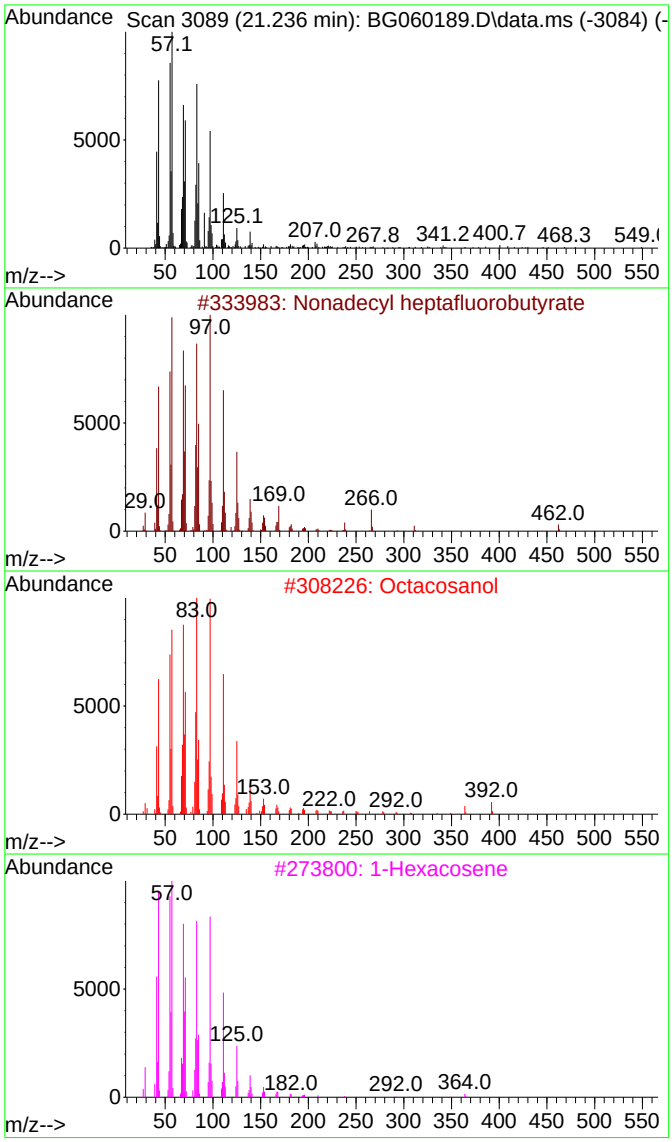
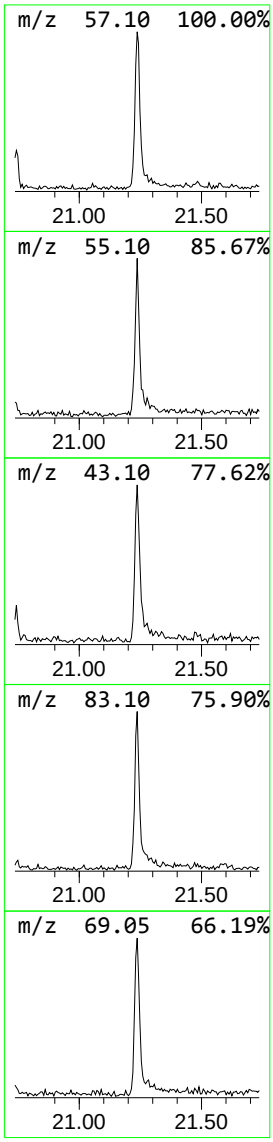
****

Peak Number 4 Nonadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.236	3.63 ng	707868	Chrysene-d12	21.589

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91
2	Octacosanol	410	C28H58O	000557-61-9	90
3	1-Hexacosene	364	C26H52	018835-33-1	90
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90
5	1-Heptacosanol	396	C27H56O	002004-39-9	90





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Instrument :
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ClientSampleId :
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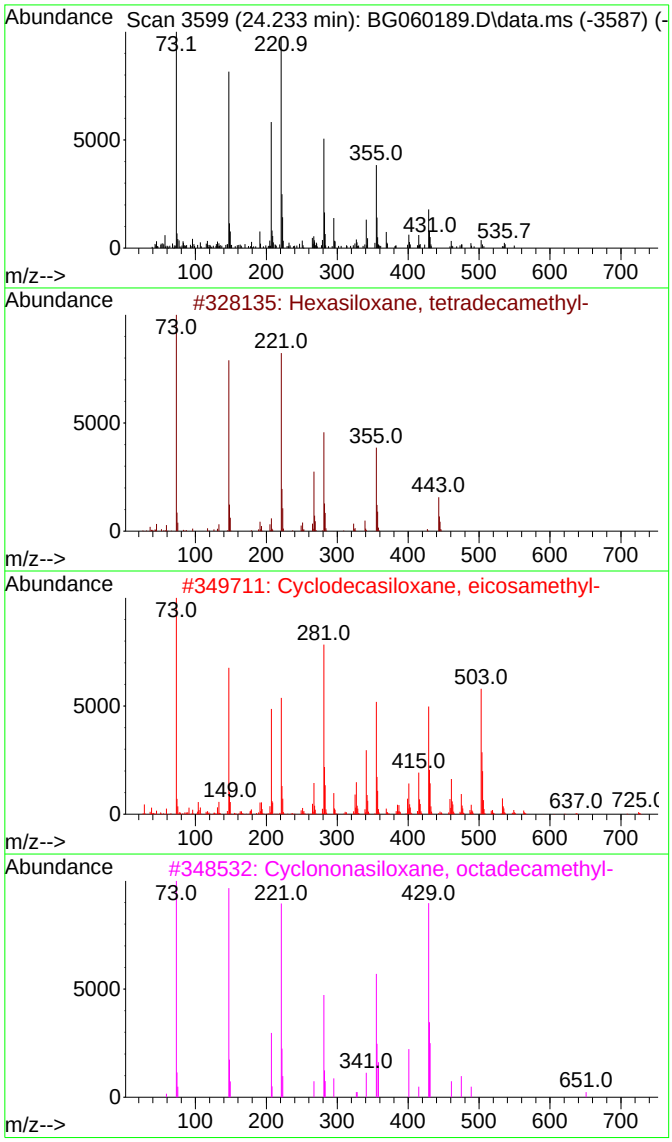
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

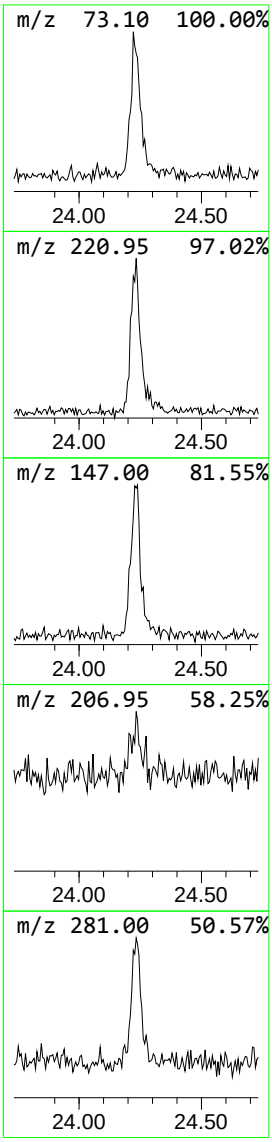
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexasiloxane, tetradecamethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.233	2.55 ng	524626	Perylene-d12	24.768

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	81
2	Cyclodecasiloxane, eicosamethyl-	740	C20H60O10Si10	018772-36-6	41
3	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	38
4	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	27
5	Boric acid, 3TMS derivative	278	C9H27BO3Si3	004325-85-3	22





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.116	9.2	ng	488192	1	7.940	1067070	20.0
2-Pentanone, 4-...	5.044	9.9	ng	529802	1	7.940	1067070	20.0
2,2,4-Trimethyl...	15.367	3.9	ng	511084	3	14.574	2594080	20.0
Nonadecyl hepta...	21.236	3.6	ng	707868	5	21.589	3896120	20.0
Hexasiloxane, t...	24.233	2.5	ng	524626	6	24.768	4118070	20.0