LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
Data File : BG048951.D
Acq On : 14 Jun 2021 16:06
Operator : CG/JU
Sample : M2687-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 17-B6(124-125)

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-BG061121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048951.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.167	18	22	32	rVB	182664	274498	6.73%	1.543%
2	3.290	37	43	52	rVB	75436	114282	2.80%	0.642%
3	5.200	363	368	376	rVB	100135	157910	3.87%	0.887%
4	5.664	440	447	456	rBV	989882	1612397	39.56%	9.062%
5	5.740	456	460	468	rVB3	17642	44409	1.09%	0.250%
6	7.262	711	719	730	rBV	1027408	1863205	45.71%	10.471%
7	8.120	857	865	872	rBV2	130040	220424	5.41%	1.239%
8	9.289	1056	1064	1072	rBV	567716	1036090	25.42%	5.823%
9	10.705	1298	1305	1316	rBV	292755	499342	12.25%	2.806%
10	10.946	1338	1346	1354	rBV	167064	311943	7.65%	1.753%
11	13.384	1754	1761	1771	rVB	1362747	2255433	55.33%	12.675%
12	14.765	1989	1996	2003	rVB	270553	440810	10.81%	2.477%
13	16.163	2227	2234	2237	rBV2	46158	63113	1.55%	0.355%
14	16.245	2242	2248	2259	rVV	1339216	2117353	51.95%	11.899%
15	17.509	2456	2463	2471	rBV	361929	568676	13.95%	3.196%
16	17.626	2476	2483	2489	rVB4	70248	105841	2.60%	0.595%
17	18.173	2571	2576	2581	rVB4	65156	96229	2.36%	0.541%
18	18.390	2609	2613	2620	rBV	89848	137474	3.37%	0.773%
19	19.342	2760	2775	2780	rBV4	67014	138193	3.39%	0.777%
20	19.659	2825	2829	2838	rBV2	73561	99530	2.44%	0.559%
21	20.123	2901	2908	2914	rVB	2974981	4076137	100.00%	22.908%
22	20.799	3018	3023	3030	rVB4	38812	55698	1.37%	0.313%
23	21.439	3127	3132	3143	rBV2	102178	188387	4.62%	1.059%
24	21.692	3171	3175	3183	rVB2	44268	71123	1.74%	0.400%
25	21.804	3187	3194	3204	rVV	348474	609388	14.95%	3.425%
26	23.032	3399	3403	3411	rVB9	27359	51876	1.27%	0.292%
27	25.141	3752	3762	3772	rBV2	195494	583890	14.32%	3.281%

Sum of corrected areas: 17793651

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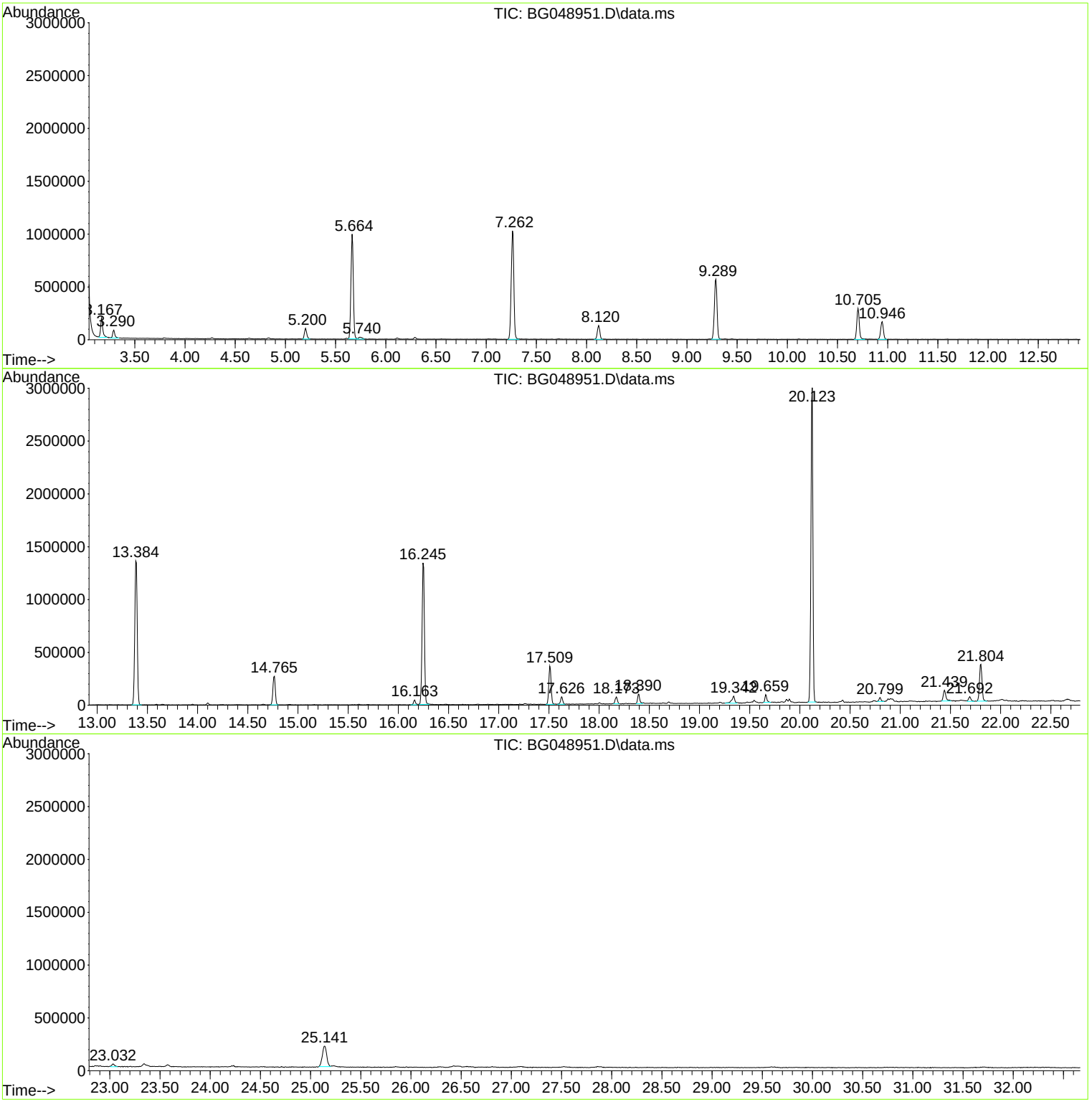
Instrument :
BNA_G
ClientSampleId :
17-B6(124-125)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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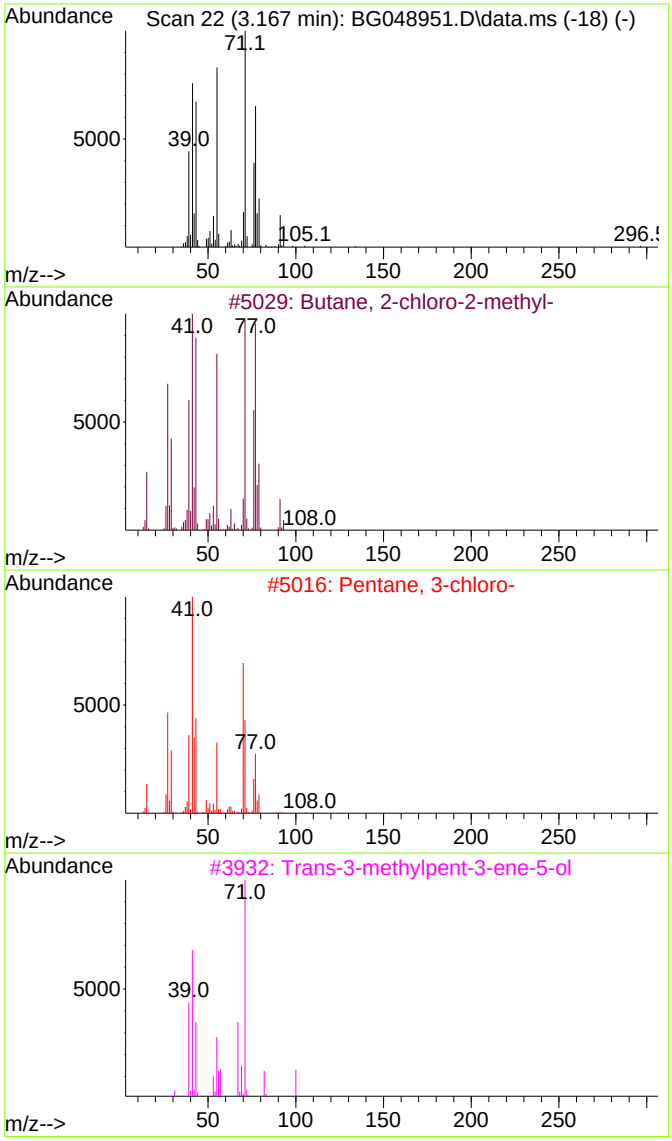
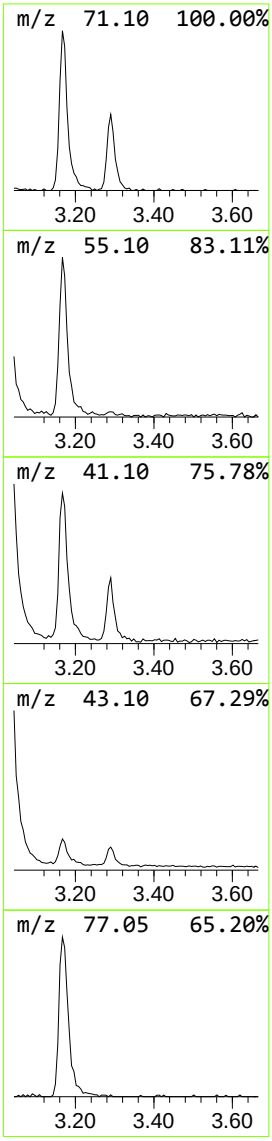
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.167	24.91 ng	274498	1,4-Dichlorobenzene-d4	8.120

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-chloro-2-methyl-	106	C5H11Cl	000594-36-5	72
2	Pentane, 3-chloro-	106	C5H11Cl	000616-20-6	36
3	Trans-3-methylpent-3-ene-5-ol	100	C6H12O	030801-95-7	25
4	2-Butene, 1-methoxy-, (Z)-	86	C5H10O	010034-16-9	25
5	Tetrahydrofurfuryl acrylate	156	C8H12O3	002399-48-6	22





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Operator : CG/JU
Sample : M2687-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 17-B6(124-125)

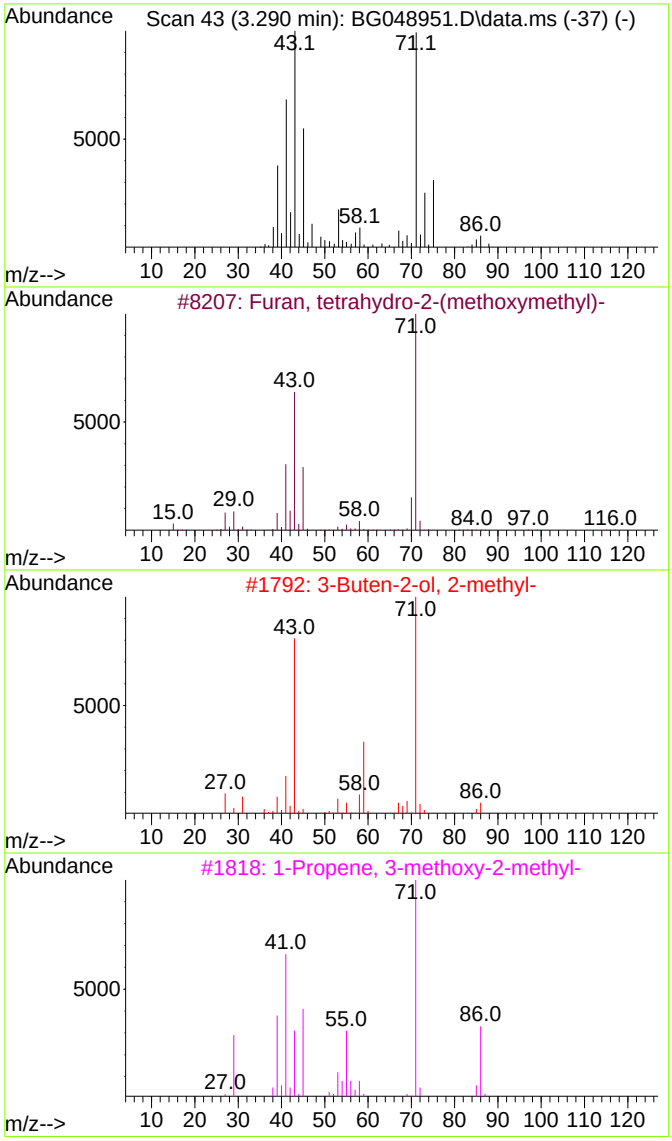
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

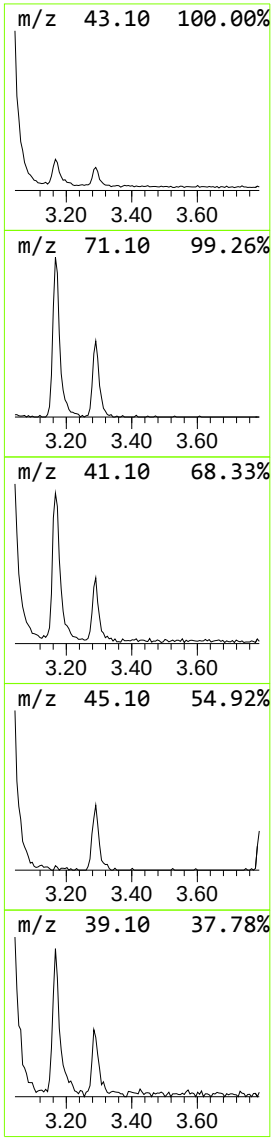
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Furan, tetrahydro-2-(methox... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.290	10.37 ng	114282	1,4-Dichlorobenzene-d4	8.120

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	50
2	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	43
3	1-Propene, 3-methoxy-2-methyl-	86	C5H10O	022418-49-1	40
4	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	37
5	2-Butene, 1-methoxy-, (E)-	86	C5H10O	010034-14-7	37





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Instrument :
BNA_G
ClientSampleId :
17-B6(124-125)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
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TIC Library : C:\Database\NIST11.L
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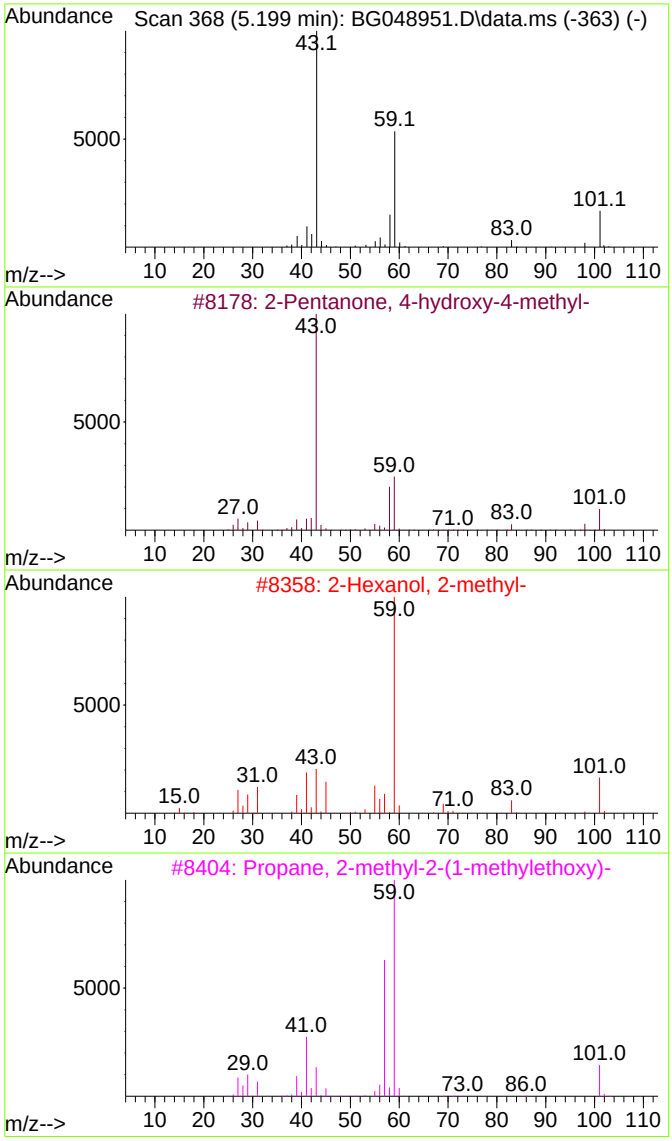
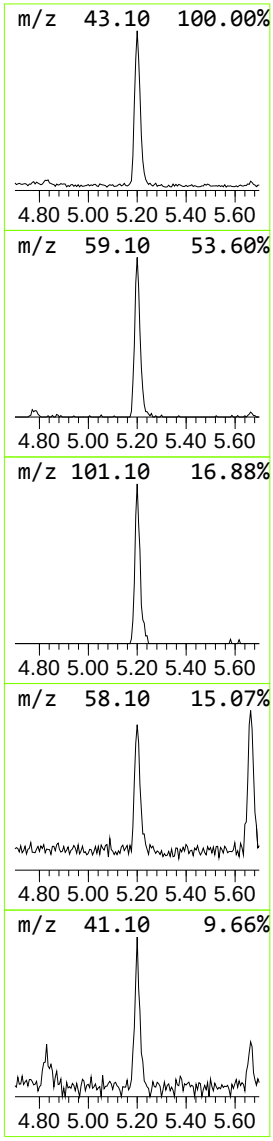
****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.199	14.33 ng	157910	1,4-Dichlorobenzene-d4	8.120

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument :
BNA_G
ClientSampleId :
17-B6(124-125)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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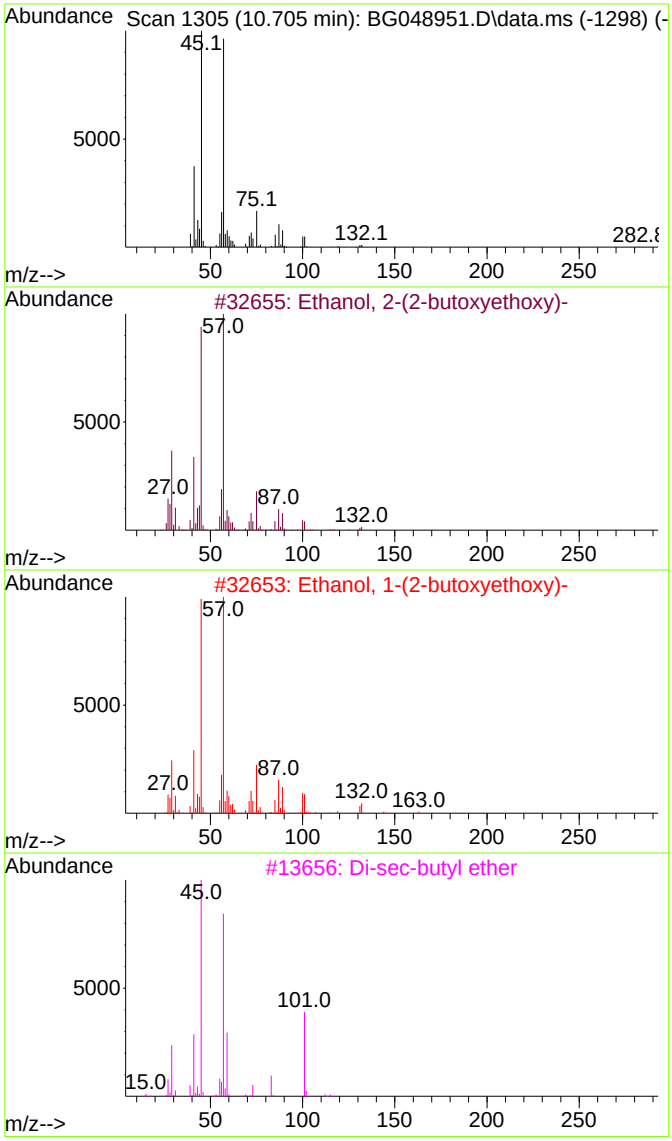
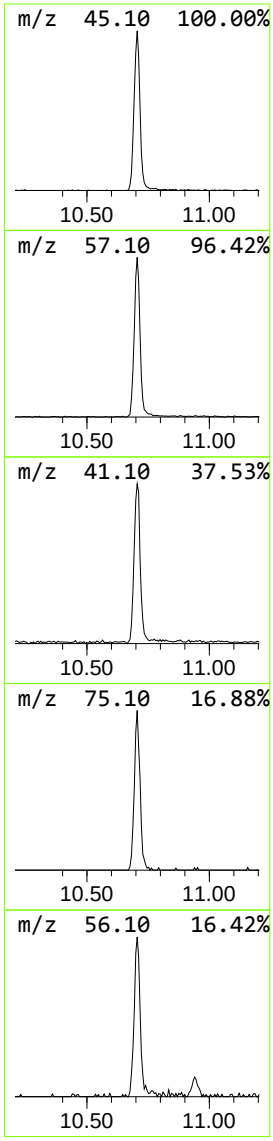
****
Peak Number 5 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.705	32.02 ng	499342	Naphthalene-d8	10.946

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Di-sec-butyl ether	130	C8H18O	006863-58-7	53
4	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	53
5	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	50





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
17-B6(124-125)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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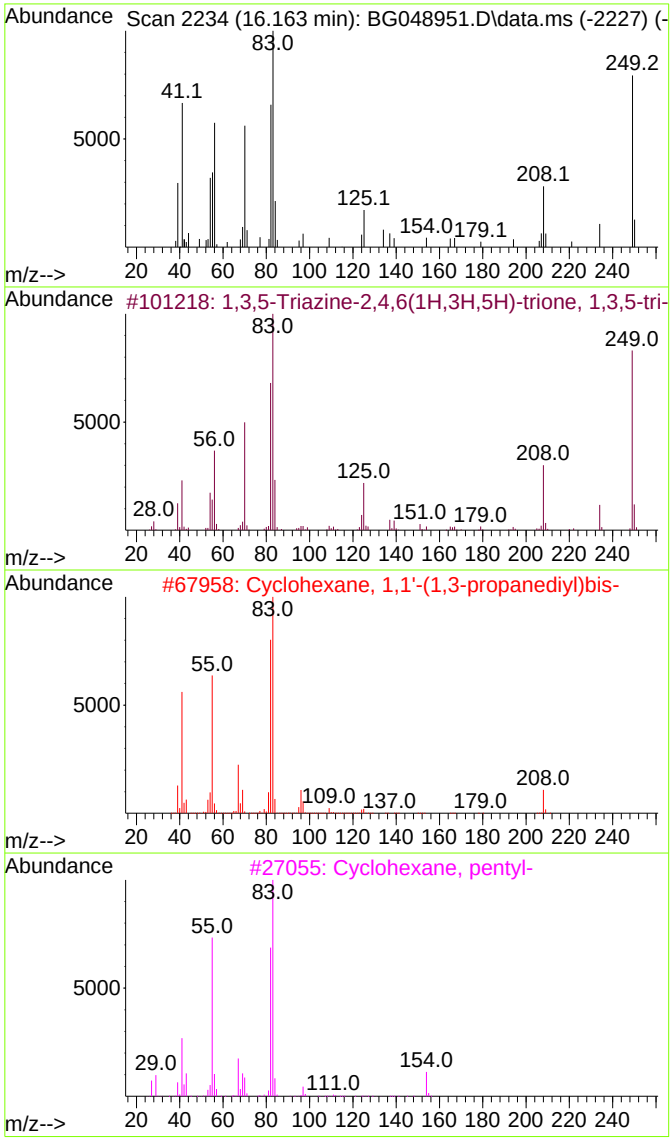
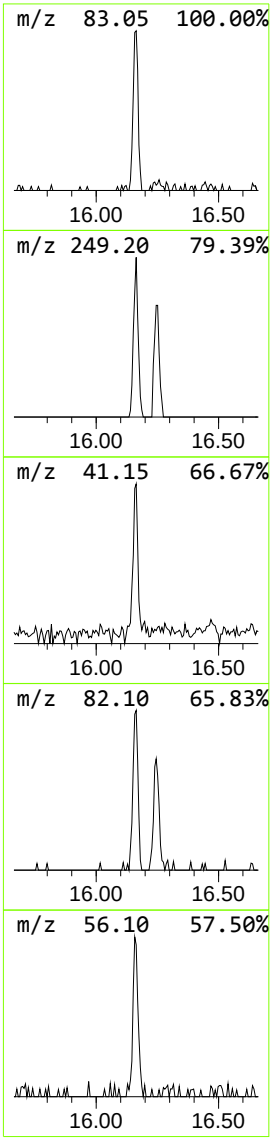
****
Peak Number 6 1,3,5-Triazine-2,4,6(1H,3H,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.163	2.22 ng	63113	Phenanthrene-d10	17.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	96
2	Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	30
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	27
4	Cyclohexane, decyl-	224	C16H32	001795-16-0	27
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	27





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17-B6(124-125)

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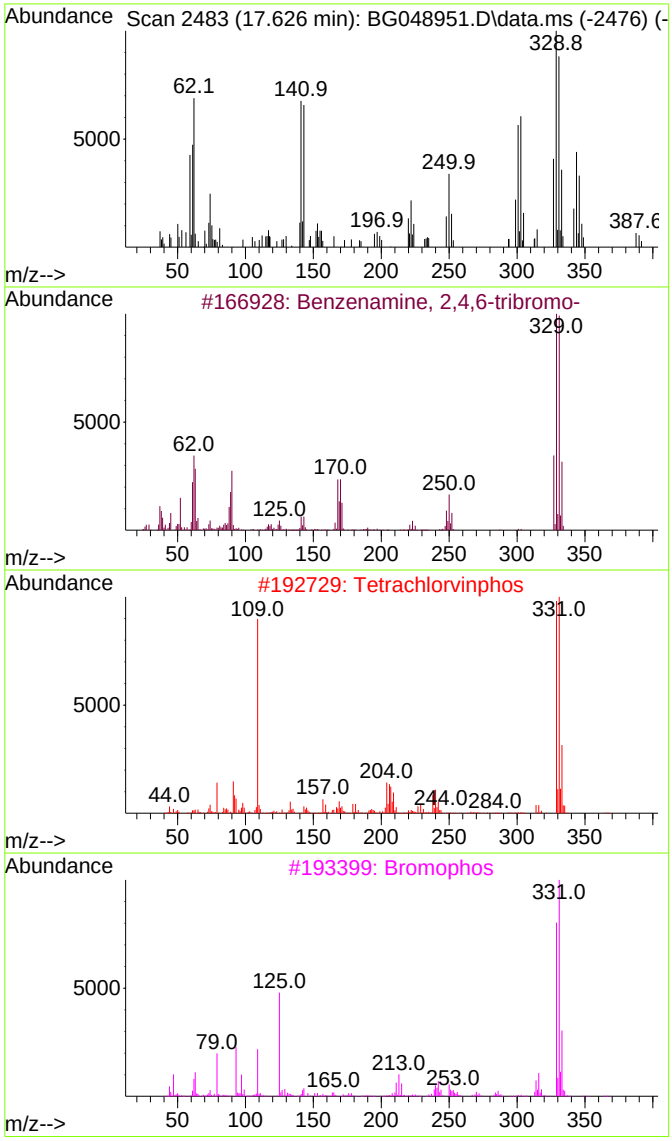
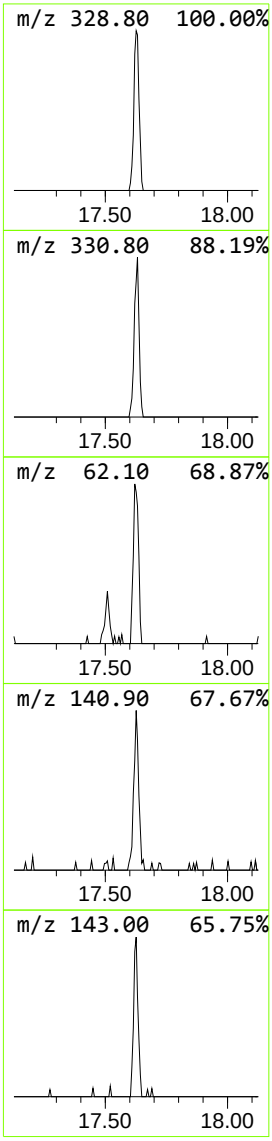
****
Peak Number 7 Benzenamine, 2,4,6-tribromo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.626	3.72 ng	105841	Phenanthrene-d10	17.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2,4,6-tribromo-	327	C6H4Br3N	000147-82-0	55
2	Tetrachlorvinphos	364	C10H9Cl4O4P	022248-79-9	14
3	Bromophos	364	C8H8BrCl2O3PS	002104-96-3	12
4	Hydroflumethiazide	331	C8H8F3N3O4S2	000135-09-1	10
5	Allyl 2,4,6-tribromophenyl ether	368	C9H7Br3O	003278-89-5	10





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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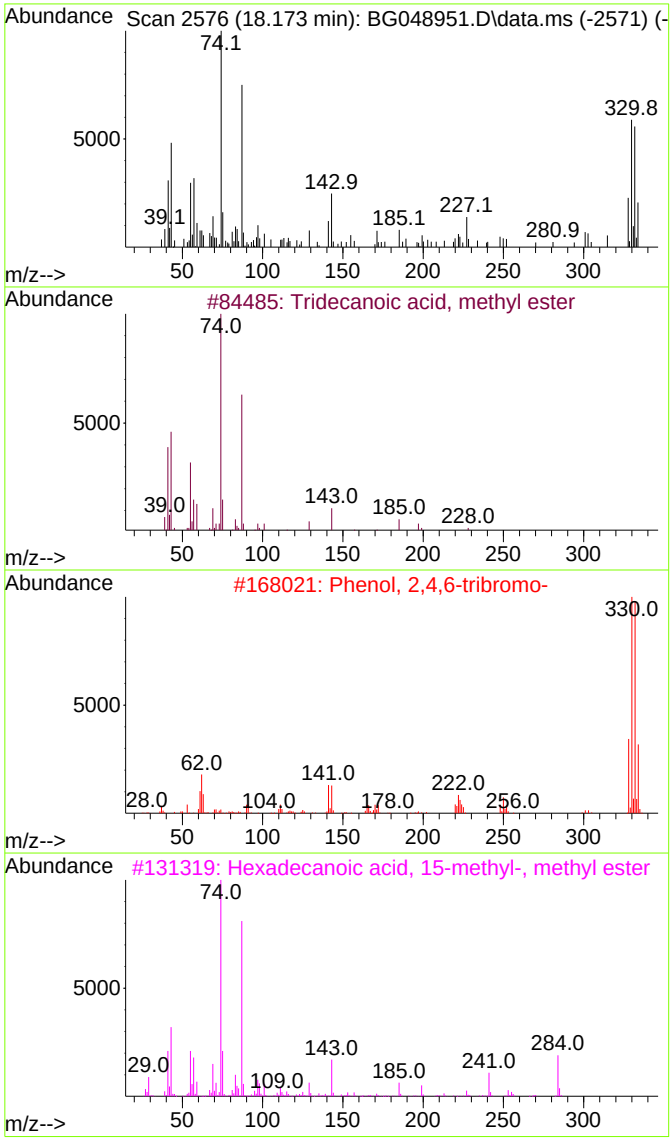
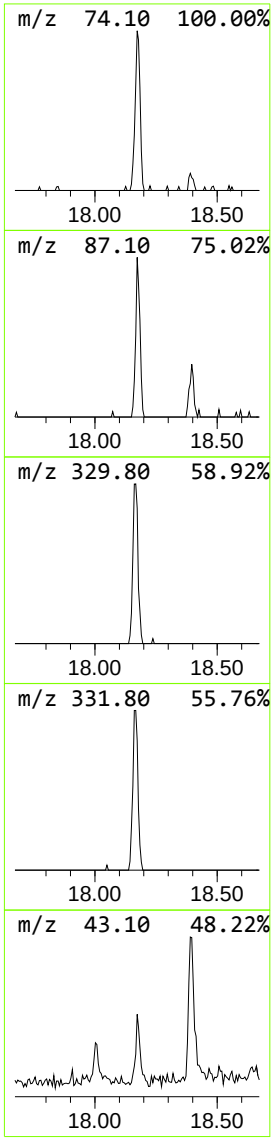
****
Peak Number 8 Tridecanoic acid, methyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.172	3.38 ng	96229	Phenanthrene-d10	17.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	70
2	Phenol, 2,4,6-tribromo-	328	C6H3Br3O	000118-79-6	53
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	45
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	43
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	43





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ClientSampleId : 17-B6(124-125)

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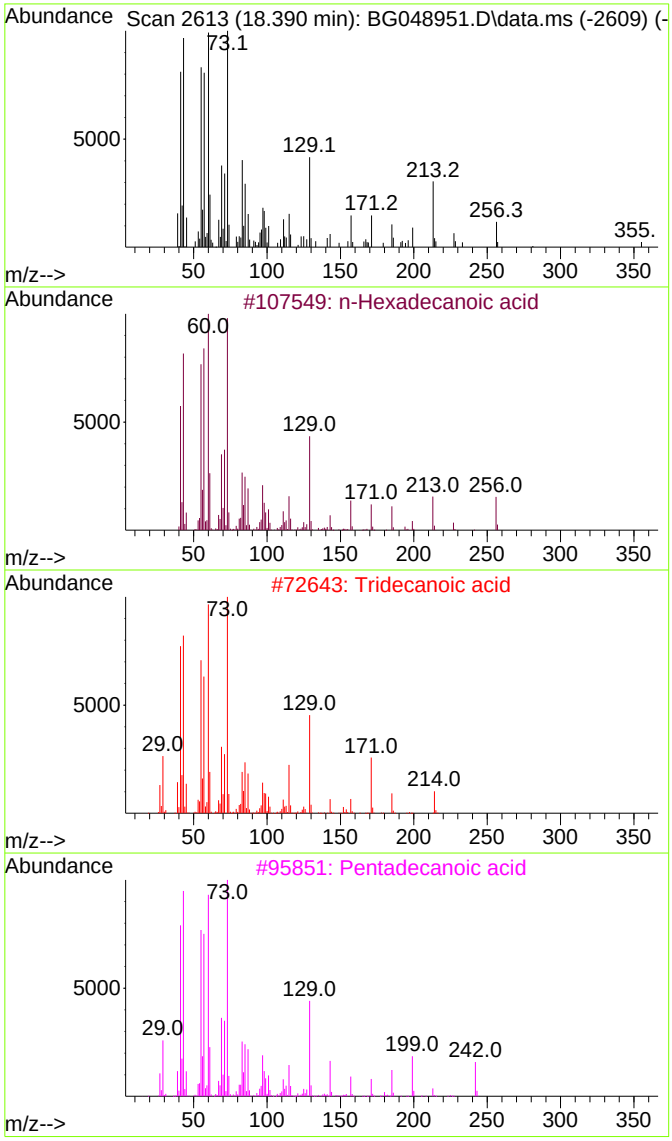
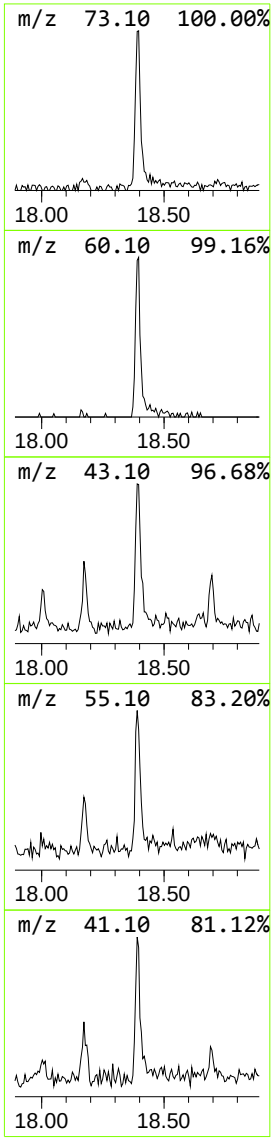
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.390	4.83 ng	137474	Phenanthrene-d10	17.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	1-Phenazinecarboxylic acid, 6-[1...	506	C31H42N2O4	120464-92-8	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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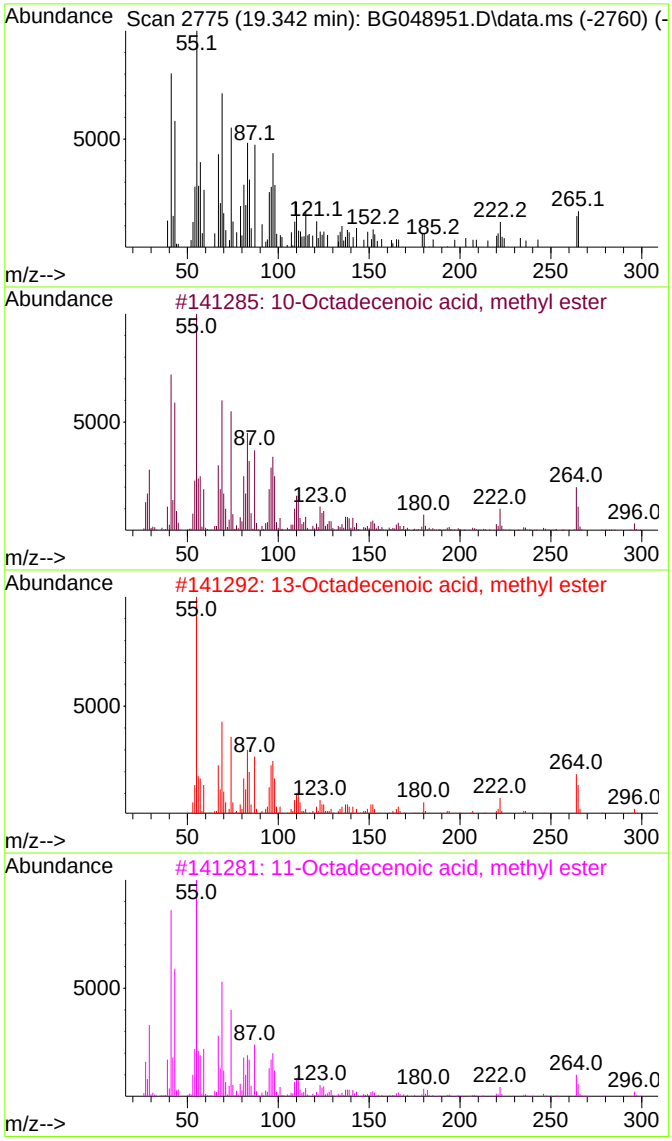
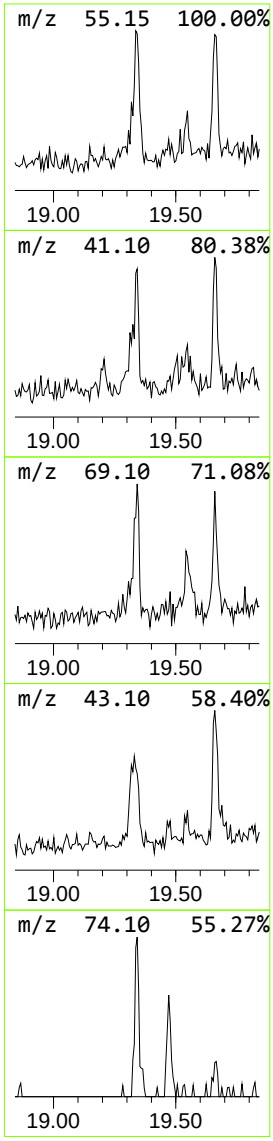
****
Peak Number 10 10-Octadecenoic acid, methy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.342	4.86 ng	138193	Phenanthrene-d10	17.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	91
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	86
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	86
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	83
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	80





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Instrument : BNA_G
ClientSampleId : 17-B6(124-125)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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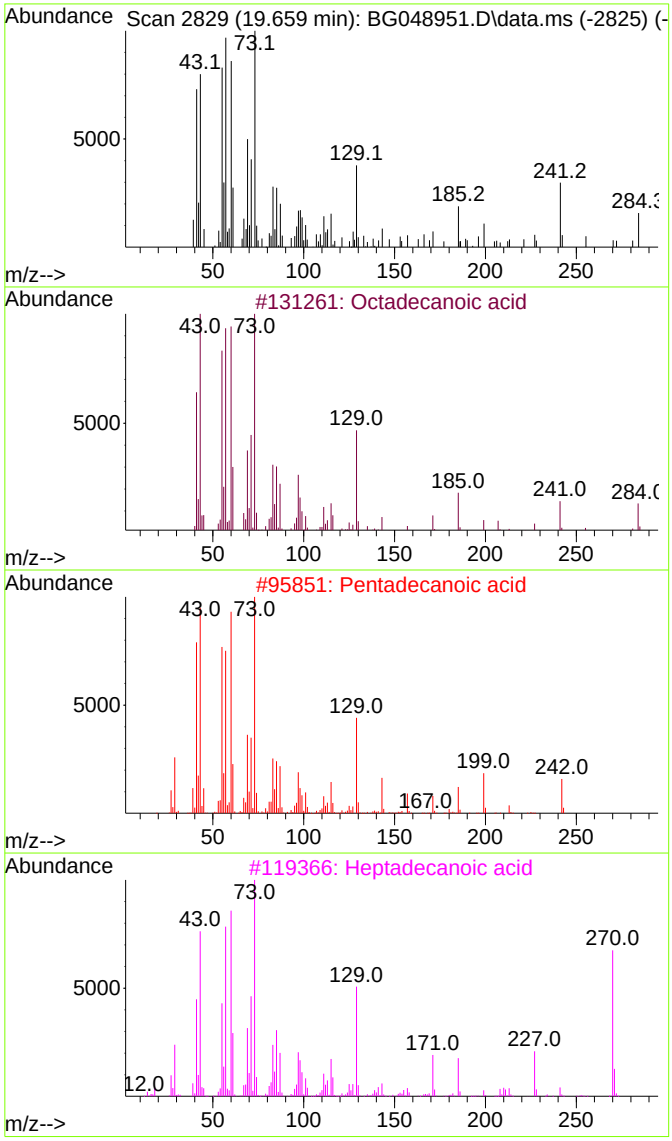
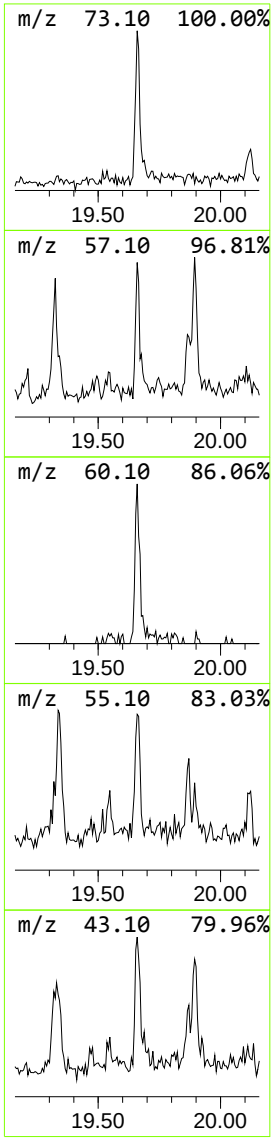
Peak Number 11 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.659	3.27 ng	99530	Chrysene-d12	21.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3	Heptadecanoic acid	270	C17H34O2	000506-12-7	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Undecanoic acid	186	C11H22O2	000112-37-8	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
Data File : BG048951.D
Acq On : 14 Jun 2021 16:06
Operator : CG/JU
Sample : M2687-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 17-B6(124-125)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

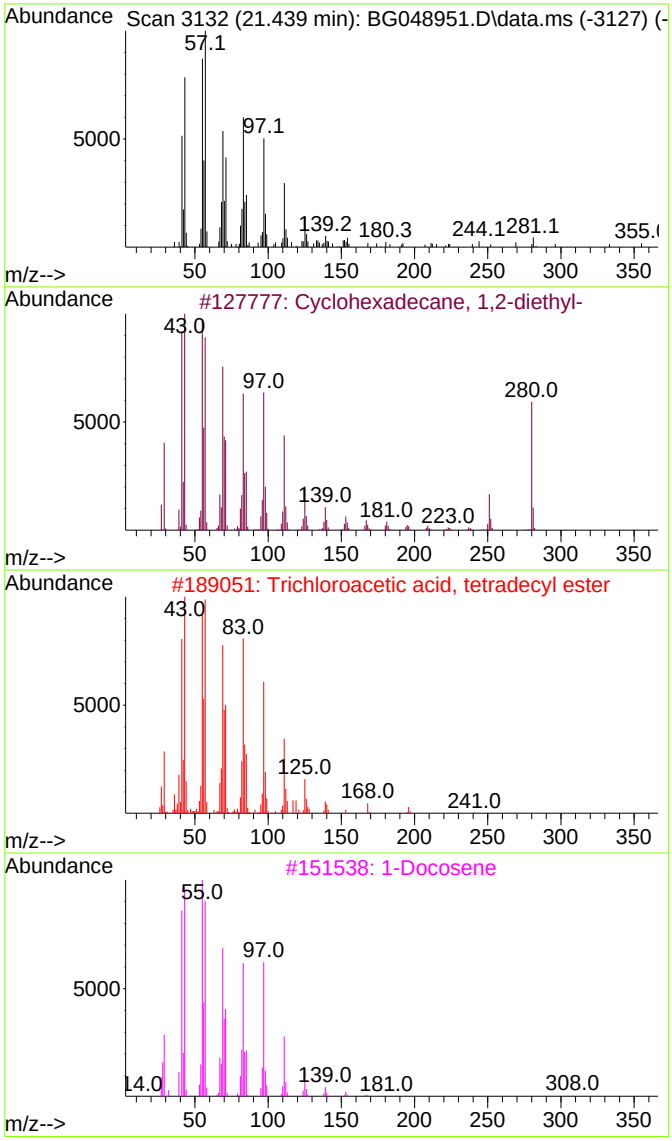
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

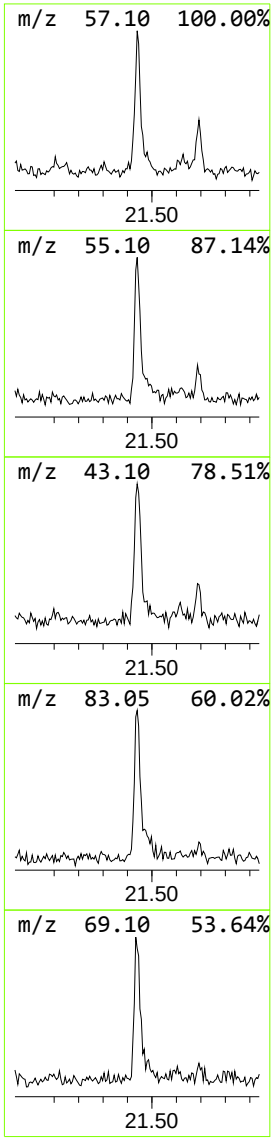
****

Peak Number 12 Cyclohexadecane, 1,2-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.439	6.18 ng	188387	Chrysene-d12	21.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	94
2	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
3	1-Docosene	308	C22H44	001599-67-3	91
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5	Octacosanol	410	C28H58O	000557-61-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
Data File : BG048951.D
Acq On : 14 Jun 2021 16:06
Operator : CG/JU
Sample : M2687-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 17-B6(124-125)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.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
Butane, 2-chlor...	3.167	24.9	ng	274498	1	8.120	220424	20.0
Furan, tetrahyd...	3.290	10.4	ng	114282	1	8.120	220424	20.0
2-Pentanone, 4-...	5.199	14.3	ng	157910	1	8.120	220424	20.0
Ethanol, 2-(2-b...	10.705	32.0	ng	499342	2	10.946	311943	20.0
1,3,5-Triazine-...	16.163	2.2	ng	63113	4	17.509	568676	20.0
Benzenamine, 2,...	17.626	3.7	ng	105841	4	17.509	568676	20.0
Tridecanoic aci...	18.172	3.4	ng	96229	4	17.509	568676	20.0
n-Hexadecanoic ...	18.390	4.8	ng	137474	4	17.509	568676	20.0
10-Octadecenoic...	19.342	4.9	ng	138193	4	17.509	568676	20.0
Octadecanoic acid	19.659	3.3	ng	99530	5	21.804	609388	20.0
Cyclohexadecane...	21.439	6.2	ng	188387	5	21.804	609388	20.0