LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121025\
Data File : BG064924.D
Acq On : 10 Dec 2025 17:10
Operator : RC/JU
Sample : Q3814-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-9

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-BG111225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064924.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.120	3	5	11	rVB4	10379	14718	1.01%	0.219%
2	3.202	14	19	29	rVB	31857	49800	3.42%	0.740%
3	5.205	352	360	369	rBV	55835	87103	5.98%	1.294%
4	5.687	435	442	457	rBB	195705	326307	22.39%	4.849%
5	7.297	708	716	731	rBV	186861	340720	23.38%	5.064%
6	8.155	856	862	869	rBV	56134	95638	6.56%	1.421%
7	9.312	1052	1059	1070	rBV	115760	217087	14.90%	3.226%
8	10.969	1334	1341	1355	rBV	63160	125474	8.61%	1.865%
9	13.396	1747	1754	1761	rBV	337383	572997	39.32%	8.515%
10	14.765	1980	1987	1997	rBV	123122	207867	14.26%	3.089%
11	16.104	2210	2215	2226	rBV2	37969	61321	4.21%	0.911%
12	16.239	2232	2238	2254	rBV3	422456	698462	47.93%	10.380%
13	17.491	2445	2451	2463	rBV2	191108	314292	21.57%	4.671%
14	18.366	2594	2600	2613	rBV2	53978	98938	6.79%	1.470%
15	19.624	2810	2814	2821	rBV6	9980	20317	1.39%	0.302%
16	20.082	2886	2892	2902	rBV	1106186	1457191	100.00%	21.656%
17	20.722	2996	3001	3005	rBV2	33704	46233	3.17%	0.687%
18	21.369	3106	3111	3122	rVB2	53019	79921	5.48%	1.188%
19	21.522	3132	3137	3148	rVB	209926	327319	22.46%	4.864%
20	21.745	3168	3175	3188	rVB	281842	499622	34.29%	7.425%
21	22.544	3305	3311	3313	rBV6	14869	23424	1.61%	0.348%
22	24.066	3563	3570	3575	rBV4	21623	46321	3.18%	0.688%
23	24.113	3575	3578	3588	rVB10	11025	22842	1.57%	0.339%
24	24.994	3718	3728	3741	rBV2	176991	520743	35.74%	7.739%
25	30.388	4642	4646	4652	rBV9	6869	16556	1.14%	0.246%
26	31.921	4894	4907	4908	rBV9	38908	95783	6.57%	1.423%
27	32.579	5005	5019	5030	rBV9	67468	361945	24.84%	5.379%

Sum of corrected areas: 6728941

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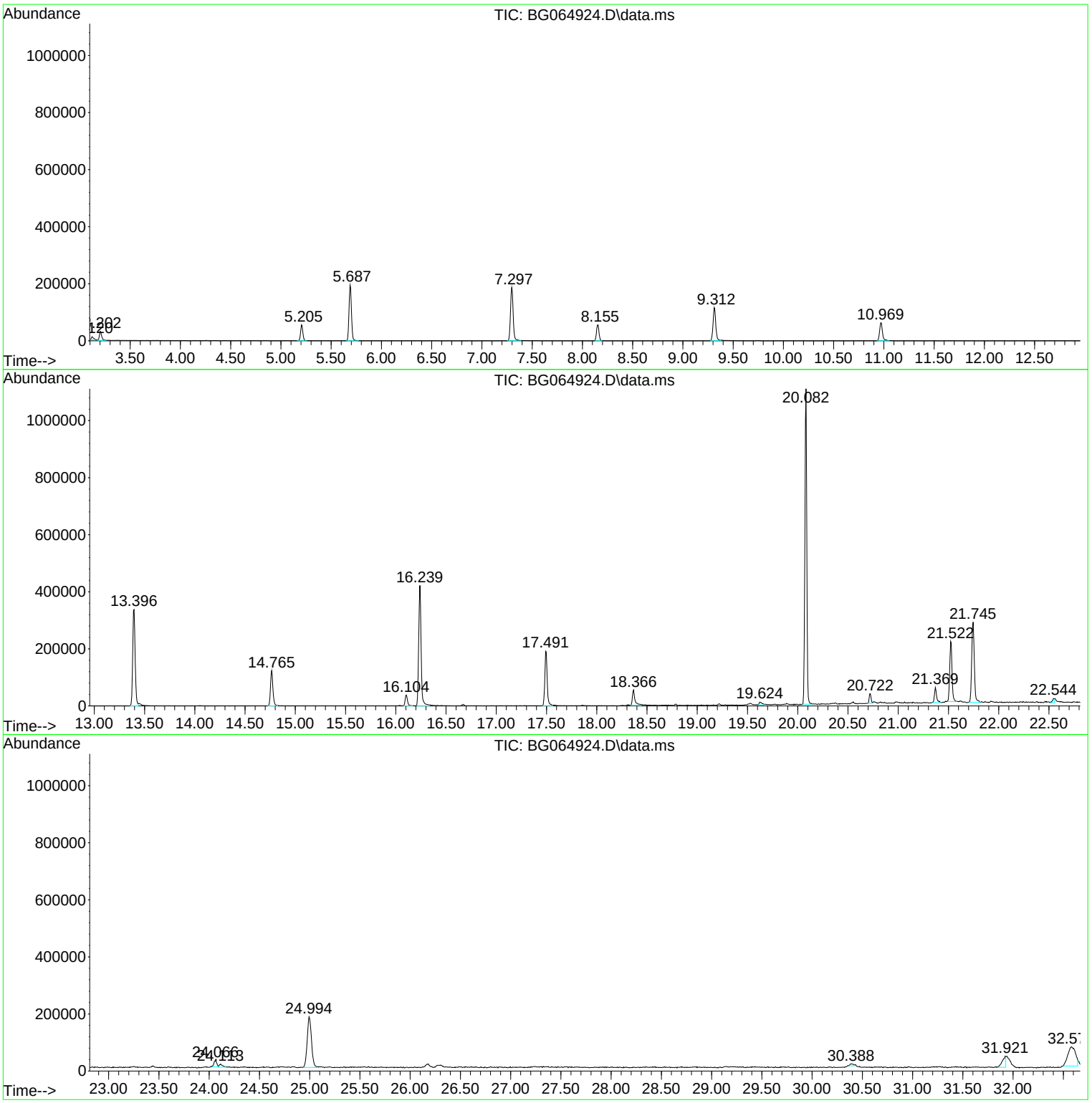
TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.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 : BG064924.D
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Operator : RC/JU
Sample : Q3814-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
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TIC Library : C:\Database\NIST20.L
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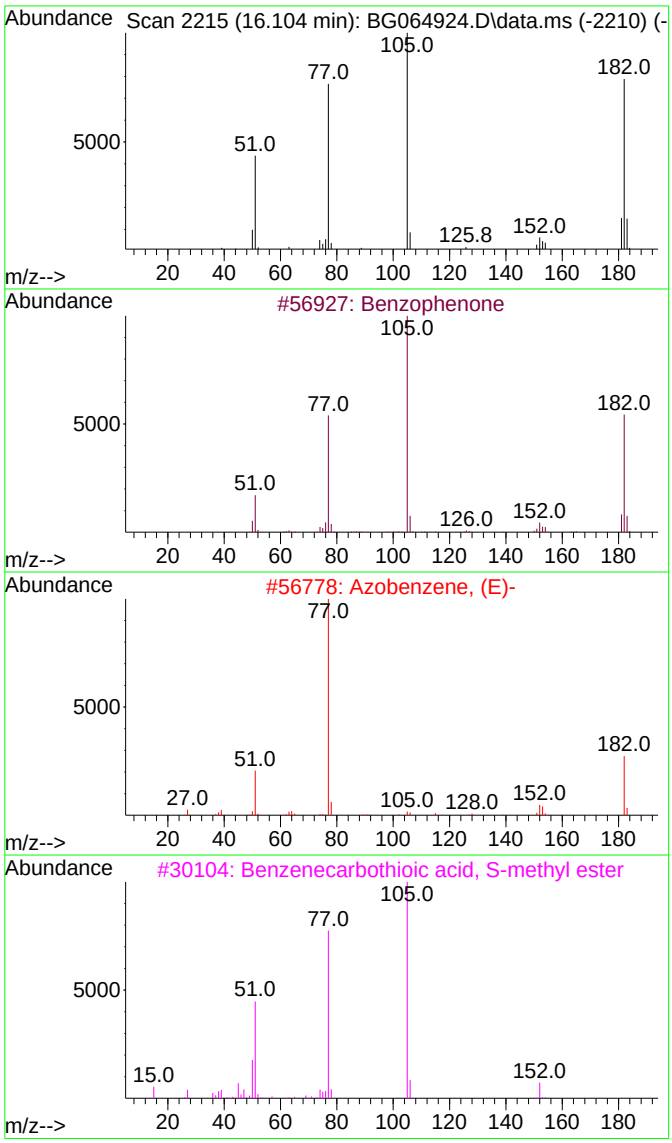
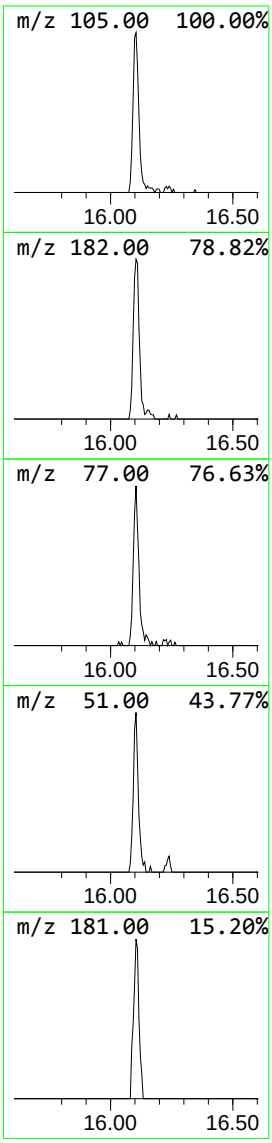
Peak Number 4 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.104	5.90 ng	61321	Acenaphthene-d10	14.765

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Azobenzene, (E)-	182	C12H10N2	017082-12-1	59
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
4	Phenacyl thiocyanate	177	C9H7NOS	005399-30-4	43
5	Azobenzene	182	C12H10N2	000103-33-3	43





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Operator : RC/JU
Sample : Q3814-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.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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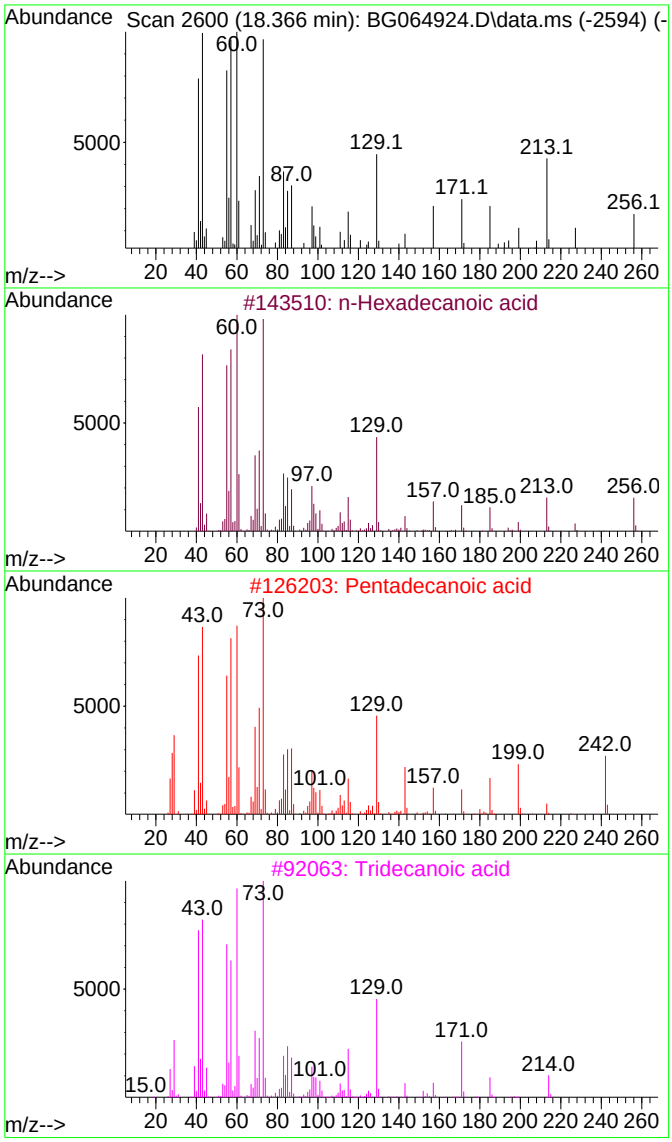
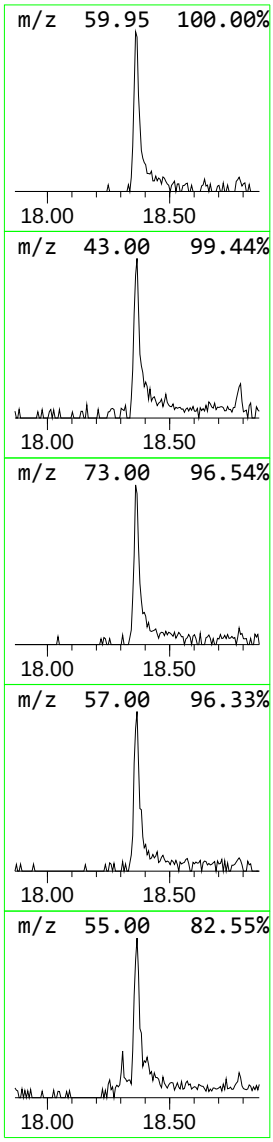
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.366	6.30 ng	98938	Phenanthrene-d10	17.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	Dodecanoic acid	200	C12H24O2	000143-07-7	52
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52





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Data File : BG064924.D
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Operator : RC/JU
Sample : Q3814-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
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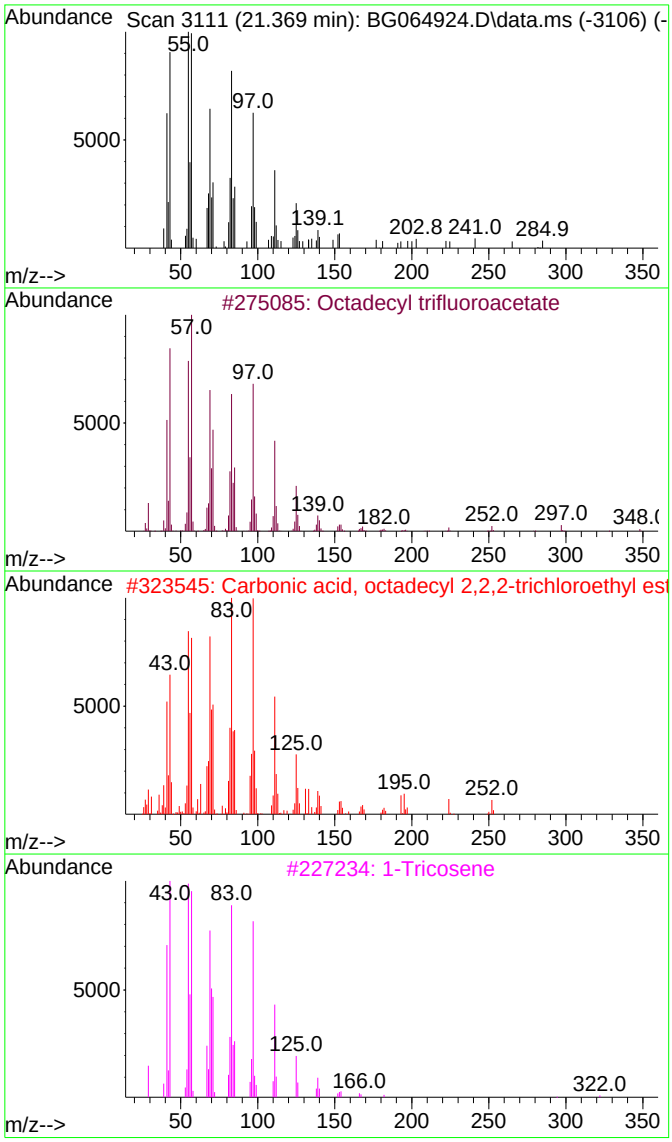
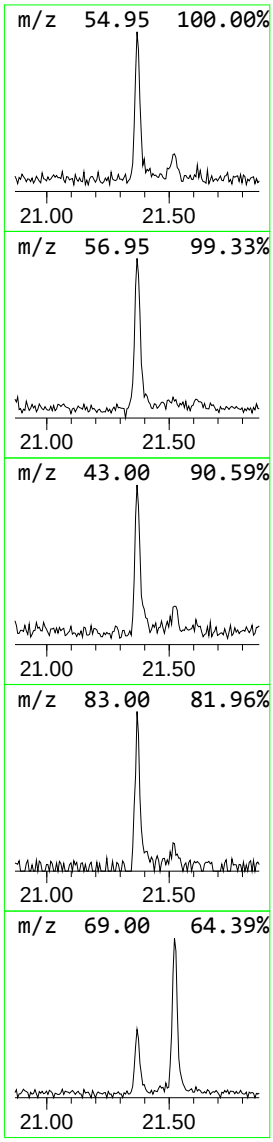
Peak Number 6 Octadecyl trifluoroacetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.369	3.20 ng	79921	Chrysene-d12	21.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
2	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	91
3	1-Tricosene	322	C23H46	018835-32-0	91
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	90
5	1-Heneicosanol	312	C21H44O	015594-90-8	90





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.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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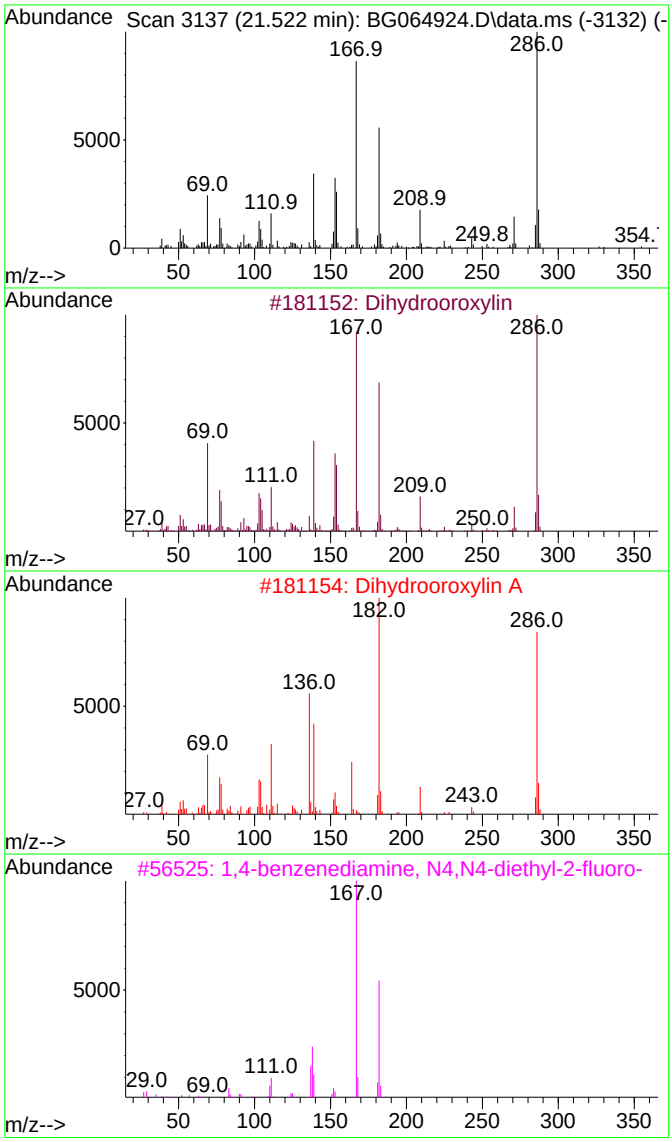
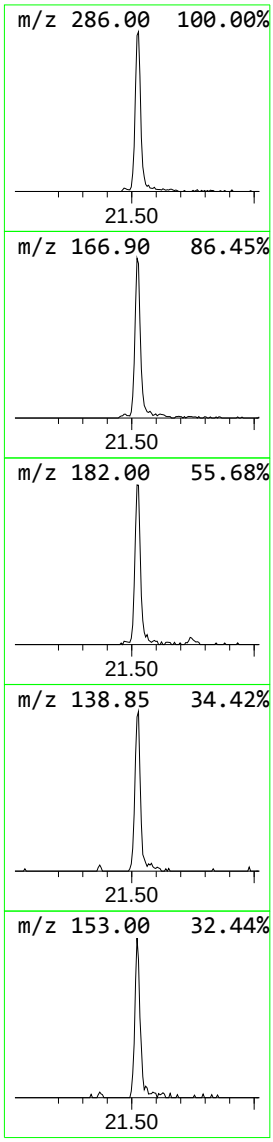
Peak Number 7 Dihydrooroxylin Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.522	13.10 ng	327319	Chrysene-d12	21.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dihydrooroxylin	286	C16H14O5	211178-43-7	98
2	Dihydrooroxylin A	286	C16H14O5	018956-18-8	70
3	1,4-benzenediamine, N4,N4-diethy...	182	C10H15FN2	1000404-88-0	42
4	4-Ethylbiphenyl	182	C14H14	005707-44-8	42
5	3-(4-Methoxyphenyl)benzo[f]quina...	286	C19H14N2O	068725-85-9	38





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
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TIC Library : C:\Database\NIST20.L
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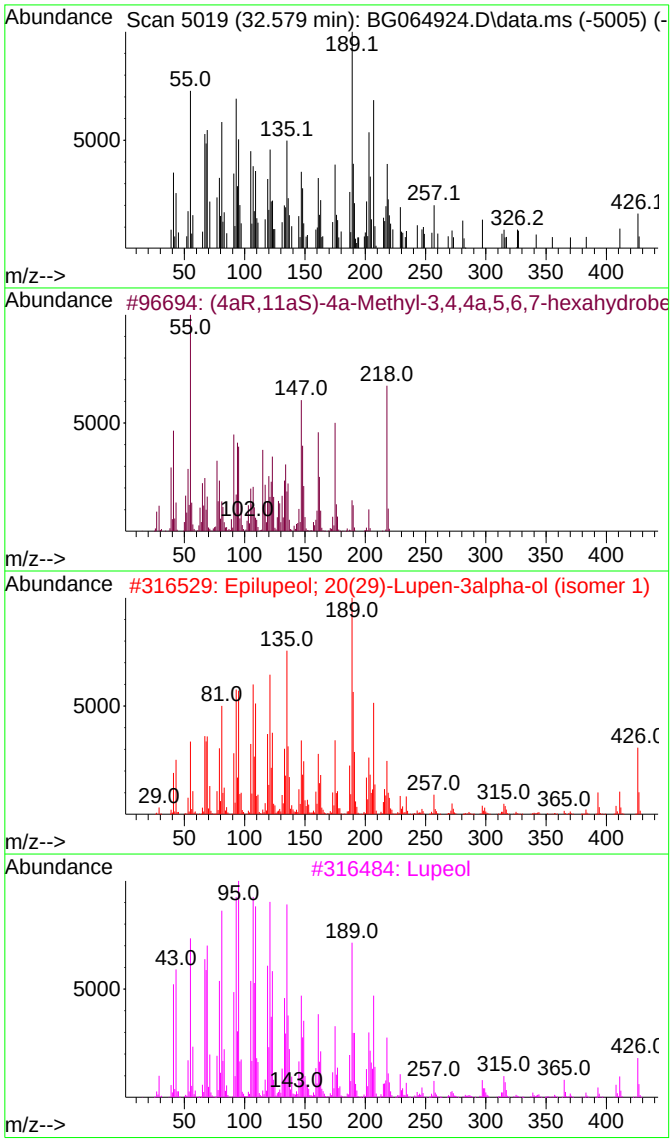
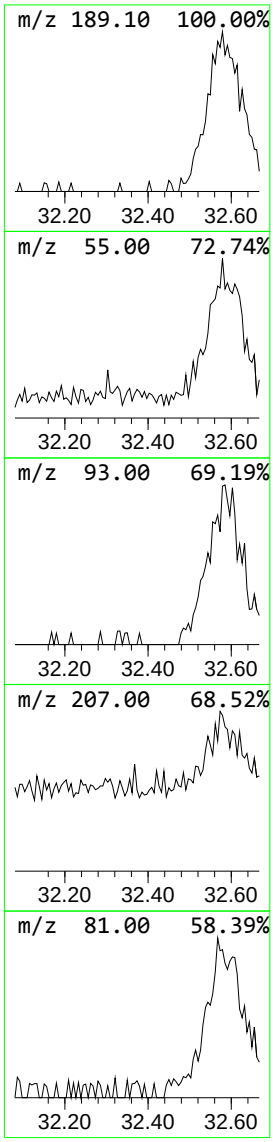
Peak Number 9 (4aR,11aS)-4a-Methyl-3,4,4a... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.579	13.90 ng	361945	Perylene-d12	24.994

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4aR,11aS)-4a-Methyl-3,4,4a,5,6,...	218	C14H18O2	1000482-61-3	91
2	Epilupeol; 20(29)-Lupen-3alpha-o...	426	C30H50O	1000513-01-3	90
3	Lupeol	426	C30H50O	000545-47-1	89
4	Epilupeol; 20(29)-Lupen-3alpha-o...	426	C30H50O	1000513-01-4	38
5	Germanicol	426	C30H50O	000465-02-1	38





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	16.104	5.9	ng	61321	3	14.765	207867	20.0
n-Hexadecanoic ...	18.366	6.3	ng	98938	4	17.491	314292	20.0
Octadecyl trifl...	21.369	3.2	ng	79921	5	21.745	499622	20.0
Dihydrooroxylin	21.522	13.1	ng	327319	5	21.745	499622	20.0
(4aR,11aS)-4a-M...	32.579	13.9	ng	361945	6	24.994	520743	20.0