LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
Data File : BG054926.D
Acq On : 13 Sep 2022 17:38
Operator : CG/JU
Sample : N4578-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-3

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054926.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.195	318	324	334	rBV	29588	48695	2.23%	0.424%
2	5.682	399	407	418	rBV	564454	952232	43.56%	8.287%
3	7.298	666	682	695	rBV	559862	1005076	45.98%	8.747%
4	8.132	817	824	832	rBV	123607	215429	9.86%	1.875%
5	9.313	1017	1025	1040	rBV	321395	590682	27.02%	5.141%
6	10.712	1256	1263	1277	rBV2	63916	127005	5.81%	1.105%
7	10.964	1298	1306	1315	rBV	170919	314462	14.39%	2.737%
8	13.397	1711	1720	1731	rBV	973078	1527708	69.89%	13.296%
9	14.772	1945	1954	1964	rVB	303154	485747	22.22%	4.227%
10	15.048	1996	2001	2007	rBV2	22662	32397	1.48%	0.282%
11	16.264	2201	2208	2226	rBV	834713	1348659	61.70%	11.737%
12	17.521	2415	2422	2430	rBV	404735	613939	28.09%	5.343%
13	18.697	2615	2622	2628	rBV7	21607	46453	2.13%	0.404%
14	18.849	2644	2648	2657	rVB	45603	71823	3.29%	0.625%
15	19.255	2710	2717	2722	rVB5	13130	26457	1.21%	0.230%
16	19.613	2774	2778	2782	rVB	24458	32766	1.50%	0.285%
17	20.118	2859	2864	2877	rVB	1646462	2185890	100.00%	19.024%
18	21.417	3081	3085	3097	rVB2	101006	182158	8.33%	1.585%
19	21.816	3147	3153	3160	rBV	388807	642954	29.41%	5.596%
20	22.604	3284	3287	3291	rBV	27491	45462	2.08%	0.396%
21	22.645	3291	3294	3309	rVB4	41033	93774	4.29%	0.816%
22	24.173	3548	3554	3562	rVB	83960	183510	8.40%	1.597%
23	25.189	3718	3727	3741	rVB2	226778	716932	32.80%	6.240%

Sum of corrected areas: 11490210

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ClientSampleId :
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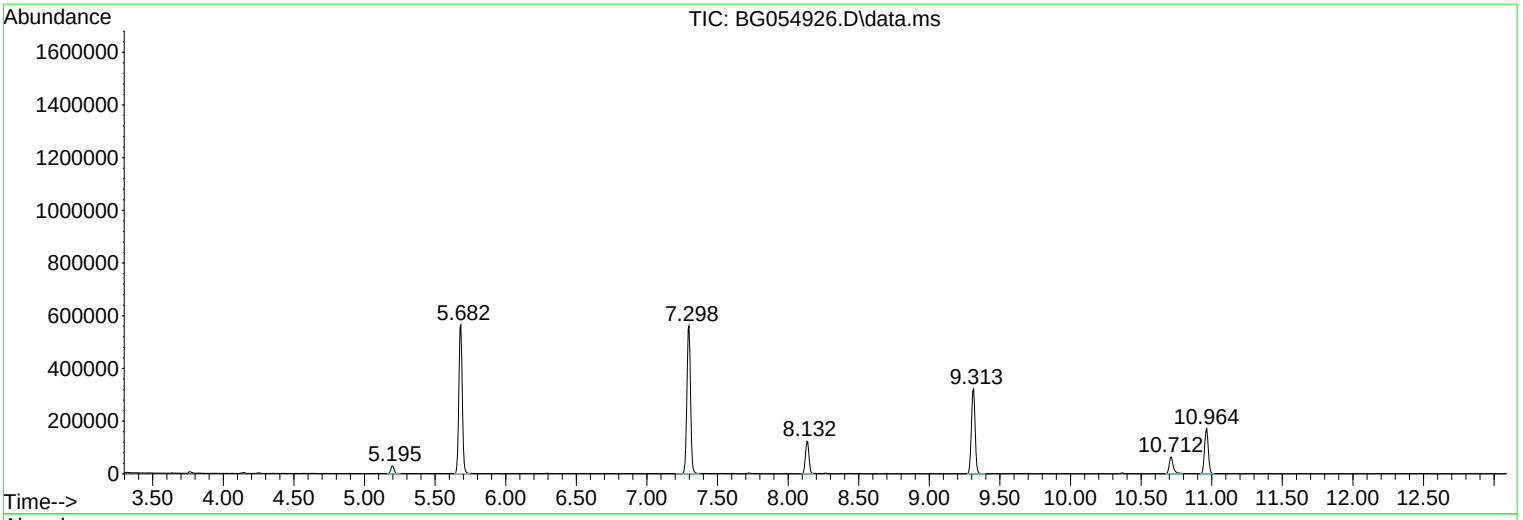
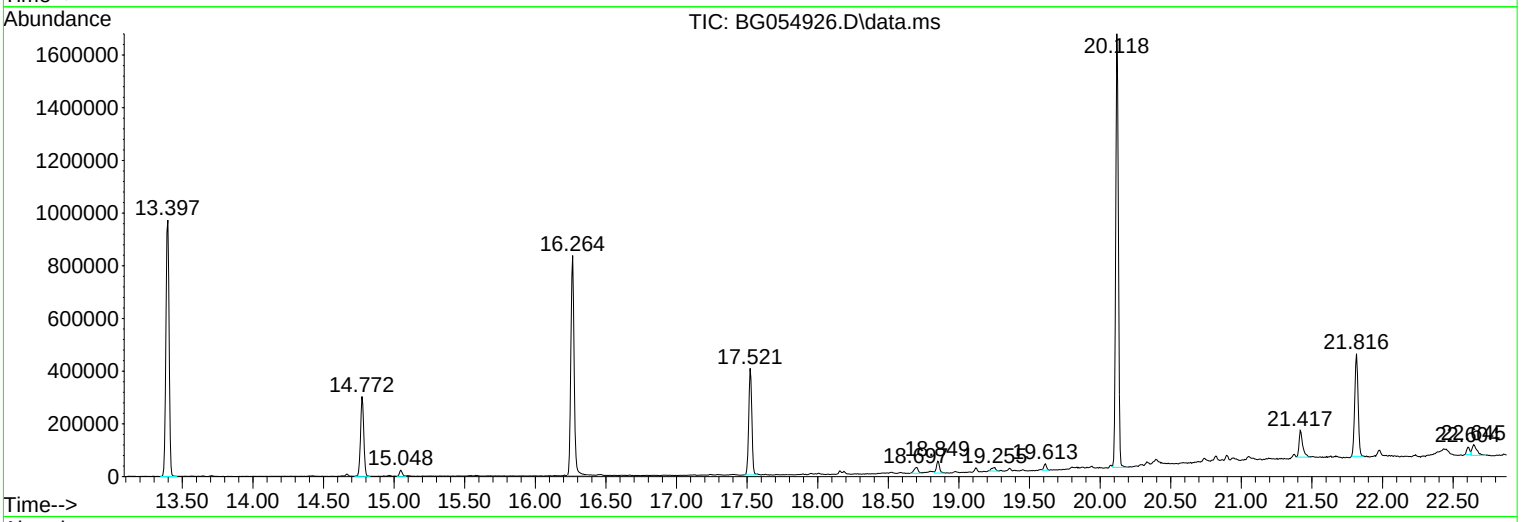
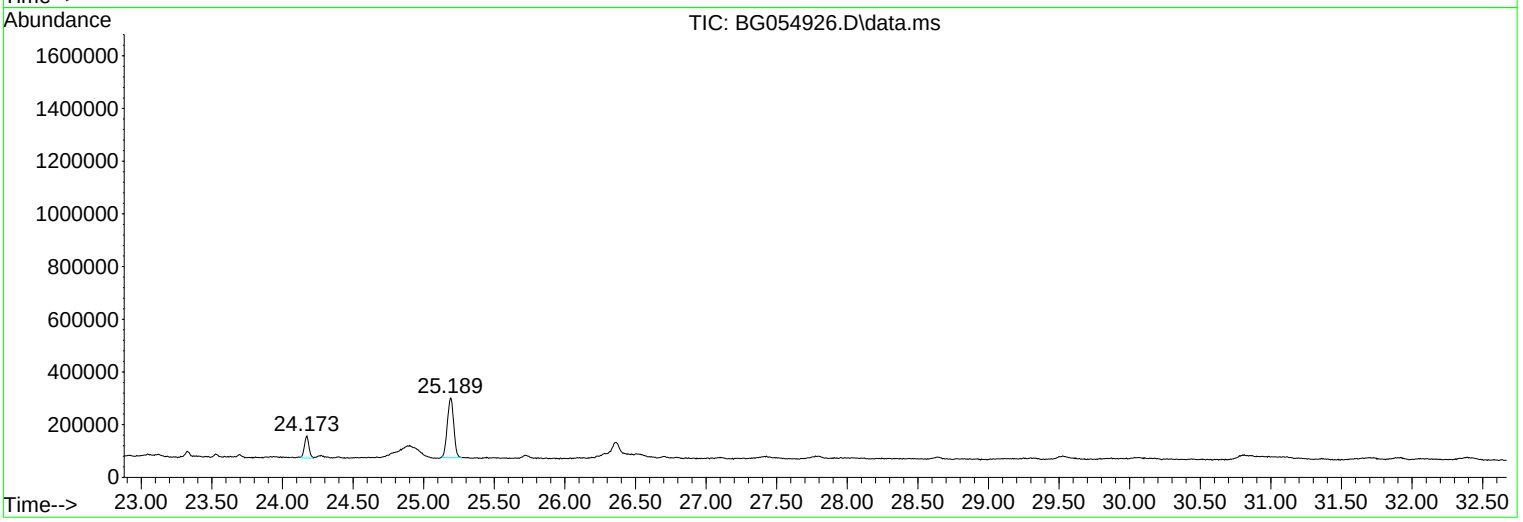
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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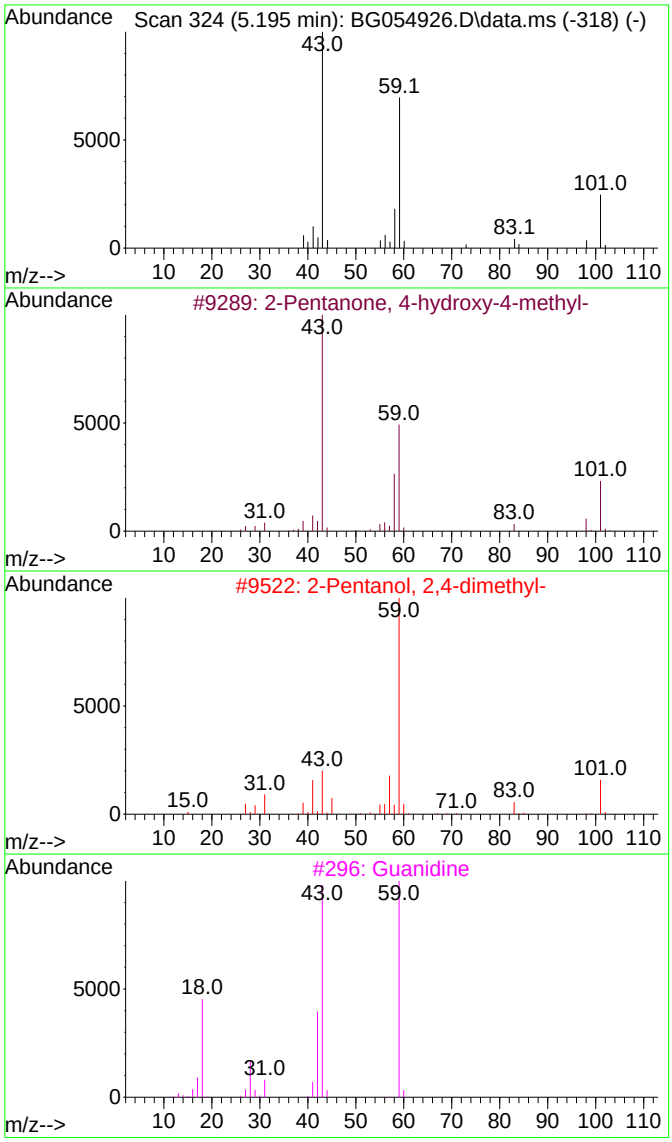
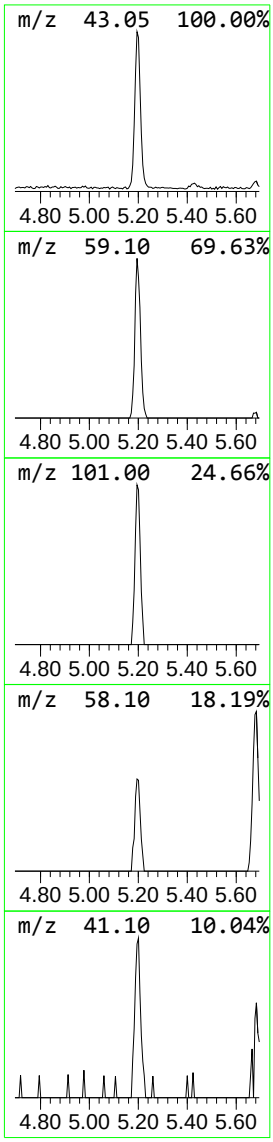
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.195	4.52 ng	48695	1,4-Dichlorobenzene-d4	8.138

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	50
3	Guanidine	59	CH5N3	000113-00-8	43
4	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	36
5	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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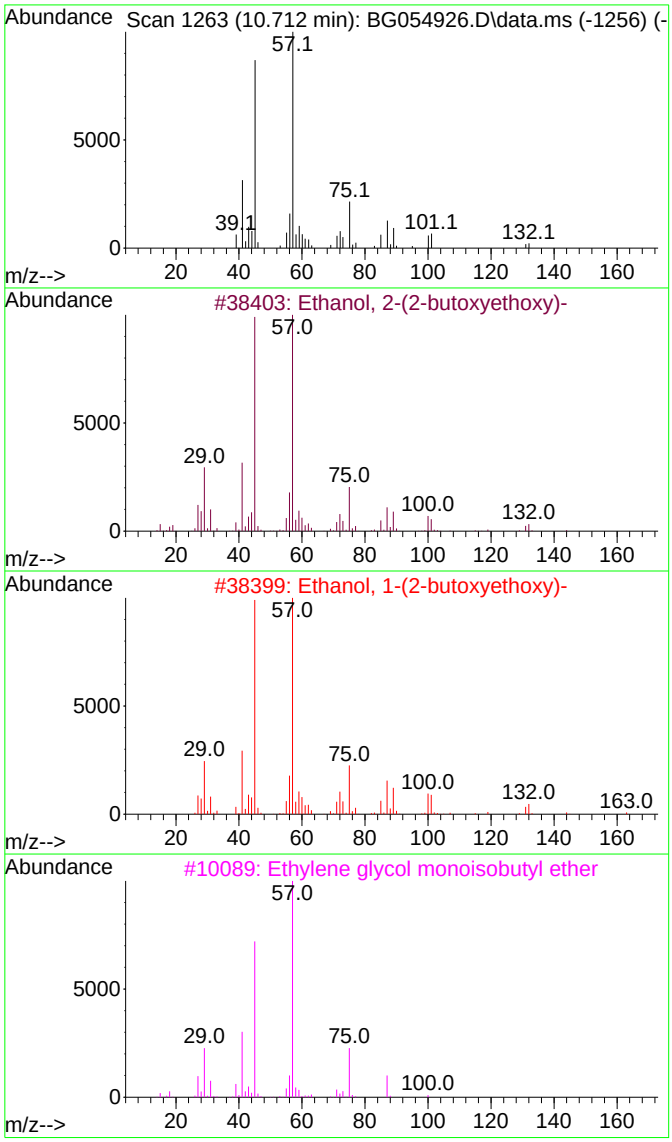
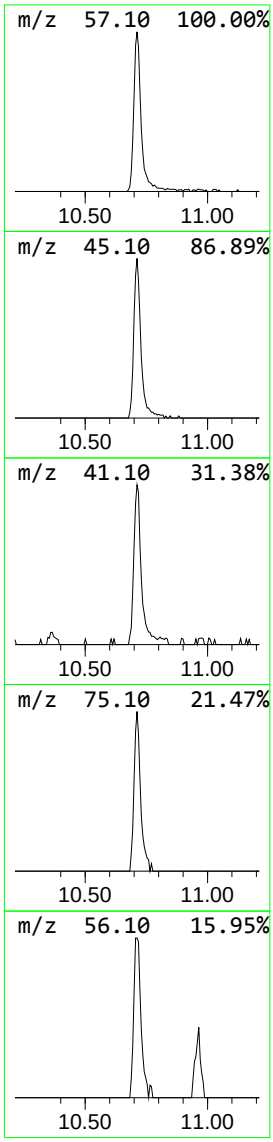
****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.712	8.08 ng	127005	Naphthalene-d8	10.964

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	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50





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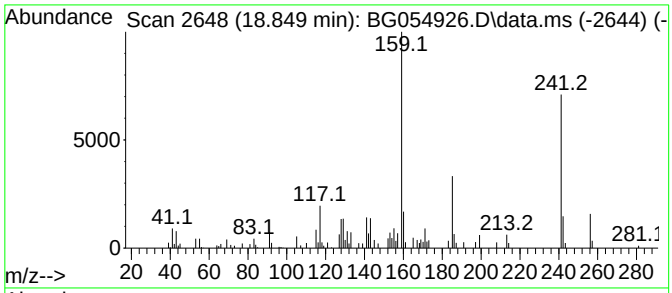
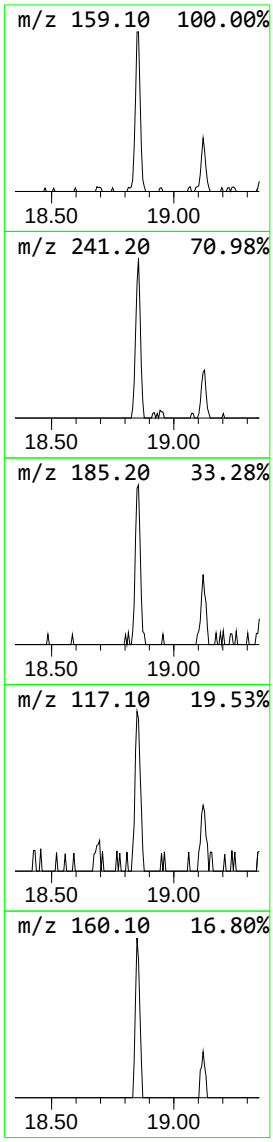
****
Peak Number 3 4b,8-Dimethyl-2-isopropylph... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.849	2.34 ng	71823	Phenanthrene-d10	17.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	94
2	Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	43
3	trans-Calamenene	202	C15H22	073209-42-4	35
4	3-(4-Allyl-2-methoxyphenoxy)-1,2...	322	C17H22O6	1010475-03-5	35
5	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	35





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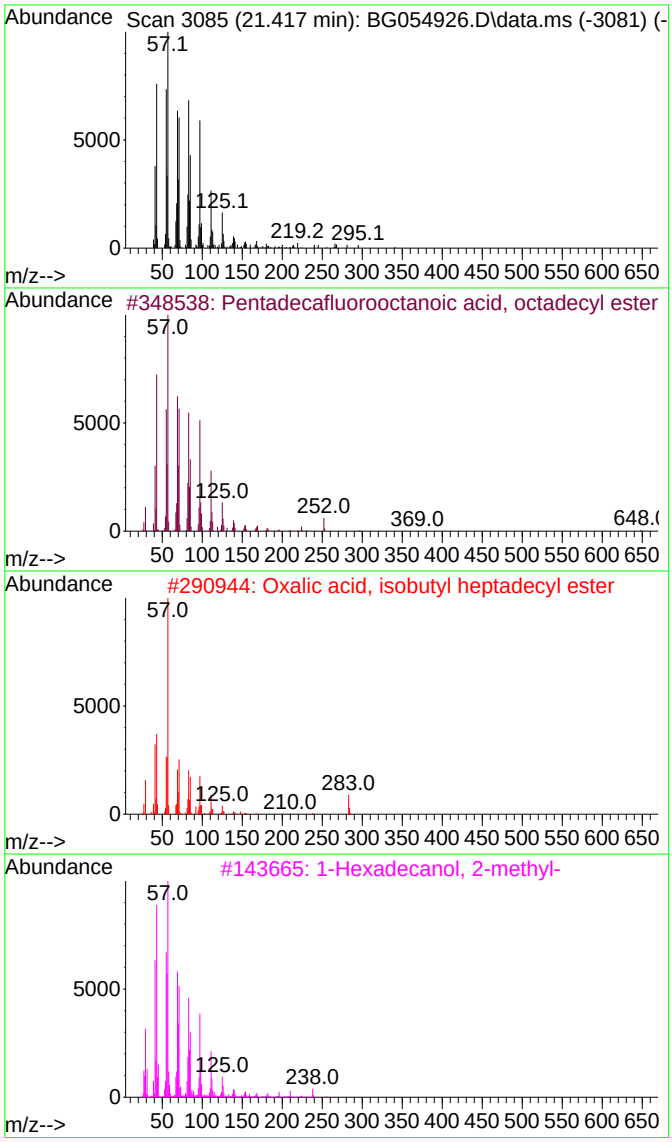
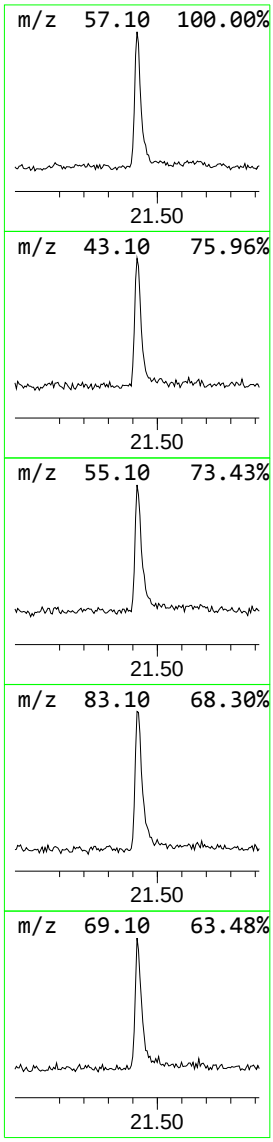
****
Peak Number 4 Pentadecafluorooctanoic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.417	5.67 ng	182158	Chrysene-d12	21.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
2	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	91
3	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	89
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
5	17-Pentatriacontene	491	C35H70	006971-40-0	81





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BNA_G
ClientSampleId :
CHERRY-HILL-COMP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
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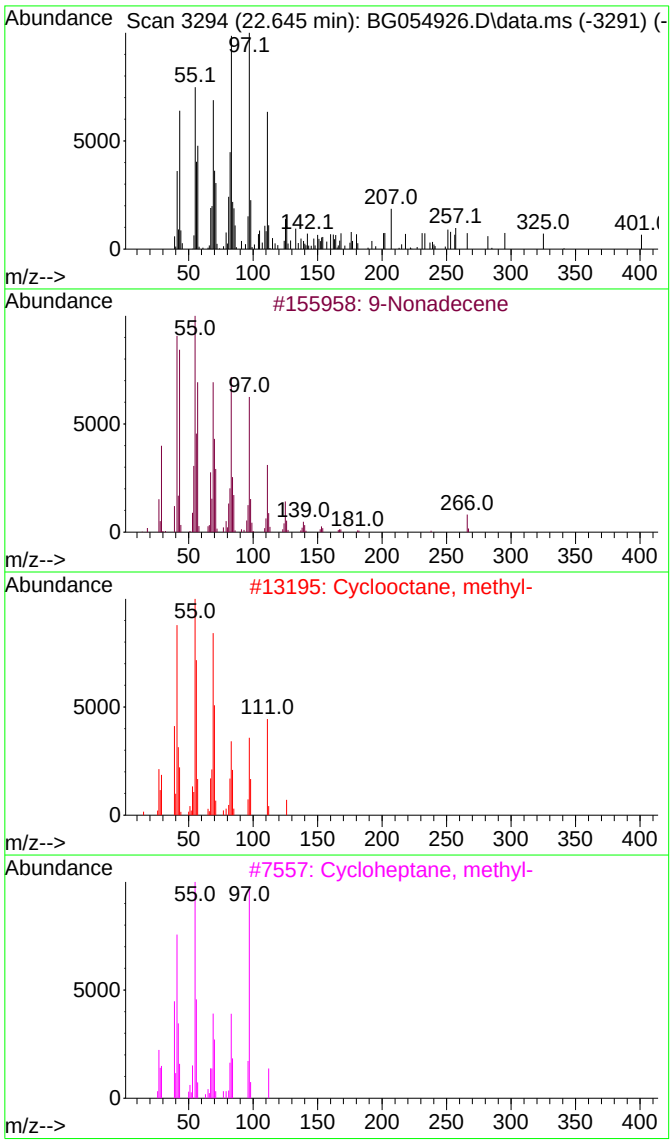
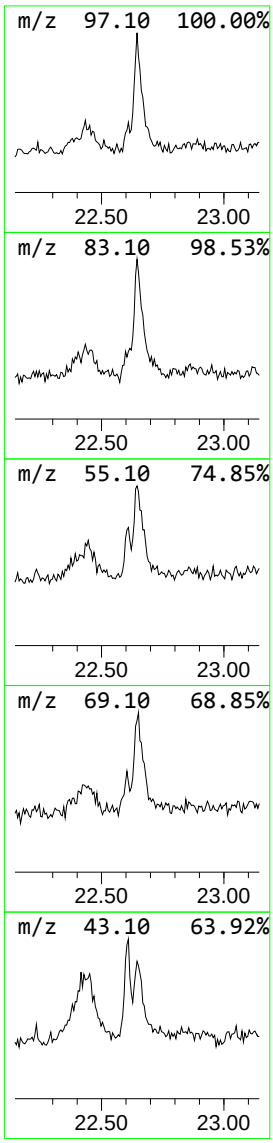
****

Peak Number 5 9-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.645	2.92 ng	93774	Chrysene-d12	21.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Nonadecene	266	C19H38	031035-07-1	50
2	Cyclooctane, methyl-	126	C9H18	001502-38-1	50
3	Cycloheptane, methyl-	112	C8H16	004126-78-7	49
4	Chloroacetic acid, pentadecyl ester	304	C17H33ClO2	070301-47-2	49
5	1-Octadecanol	270	C18H38O	000112-92-5	49





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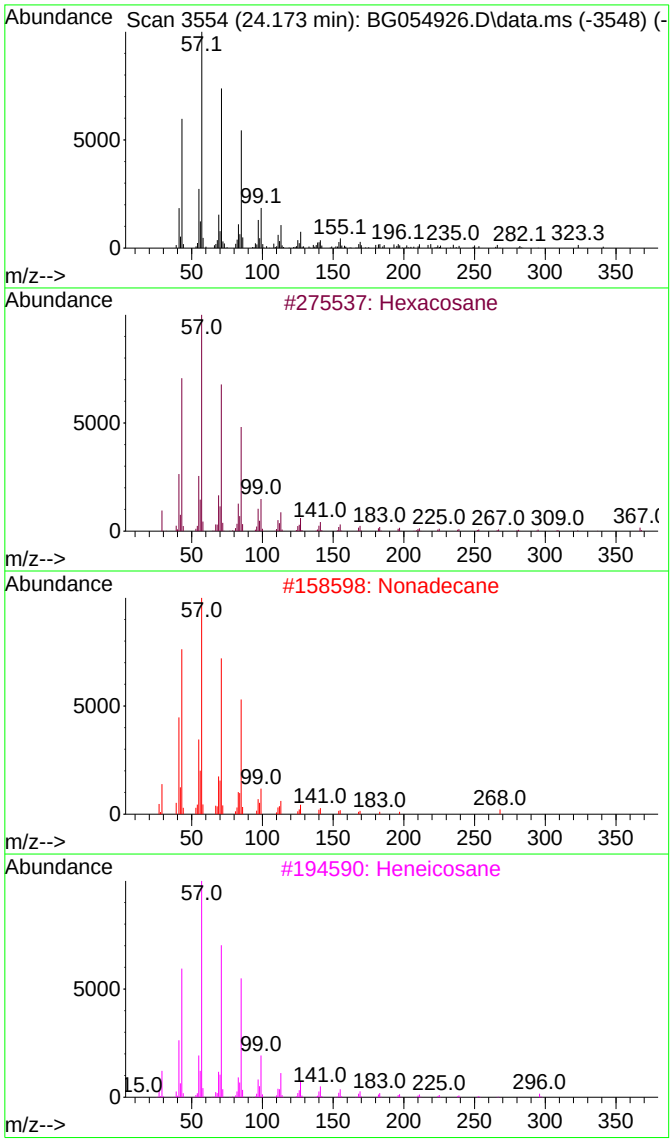
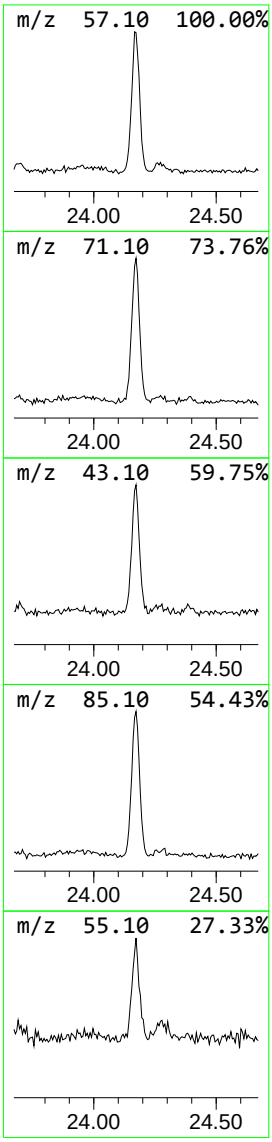
****

Peak Number 6 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.172	5.12 ng	183510	Perylene-d12	25.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
5	Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	87





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.195	4.5	ng	48695	1	8.138	215429	20.0
Ethanol, 2-(2-b...	10.712	8.1	ng	127005	2	10.964	314462	20.0
4b,8-Dimethyl-2...	18.849	2.3	ng	71823	4	17.522	613939	20.0
Pentadecafluoro...	21.417	5.7	ng	182158	5	21.817	642954	20.0
9-Nonadecene	22.645	2.9	ng	93774	5	21.817	642954	20.0
Hexacosane	24.172	5.1	ng	183510	6	25.195	716932	20.0