LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040921\
Data File : BG048654.D
Acq On : 9 Apr 2021 21:04
Operator : CG/JU
Sample : M1967-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SED-1A

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-BG033021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048654.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.635	384	391	402	rBV	707618	1109028	65.14%	9.553%
2	7.245	656	665	676	rBV	698202	1195537	70.22%	10.298%
3	8.091	803	809	816	rVB	132841	228399	13.41%	1.967%
4	9.260	1000	1008	1017	rBV	449181	800440	47.01%	6.895%
5	10.917	1280	1290	1297	rBV	183748	325585	19.12%	2.805%
6	13.361	1699	1706	1713	rBV	1113270	1633351	95.93%	14.070%
7	14.184	1841	1846	1852	rBV2	30645	47474	2.79%	0.409%
8	14.742	1934	1941	1948	rBV	277567	434280	25.51%	3.741%
9	14.807	1948	1952	1959	rVB2	12655	20006	1.18%	0.172%
10	16.229	2188	2194	2209	rBV	648580	1058545	62.17%	9.118%
11	17.492	2402	2409	2413	rBV	239896	385197	22.62%	3.318%
12	17.533	2413	2416	2422	rVV	90984	139073	8.17%	1.198%
13	17.621	2425	2431	2436	rVB2	21424	42226	2.48%	0.364%
14	18.373	2555	2559	2564	rBV2	86950	117024	6.87%	1.008%
15	18.567	2587	2592	2597	rBV2	20942	35551	2.09%	0.306%
16	19.548	2752	2759	2765	rBV	180533	267629	15.72%	2.305%
17	19.642	2770	2775	2778	rBV6	22048	28817	1.69%	0.248%
18	19.695	2781	2784	2787	rBV	14011	18446	1.08%	0.159%
19	19.871	2809	2814	2816	rBV3	22268	29582	1.74%	0.255%
20	19.907	2816	2820	2829	rVB	138674	204100	11.99%	1.758%
21	20.106	2847	2854	2859	rBV	1262409	1702635	100.00%	14.666%
22	20.394	2896	2903	2909	rVB	31987	61904	3.64%	0.533%
23	20.500	2916	2921	2925	rBV	24406	35269	2.07%	0.304%
24	21.405	3071	3075	3086	rBV4	90880	179667	10.55%	1.548%
25	21.787	3131	3140	3145	rBV2	285534	586714	34.46%	5.054%
26	21.834	3146	3148	3157	rVB	56321	84005	4.93%	0.724%
27	21.975	3167	3172	3180	rBV	15650	36547	2.15%	0.315%
28	22.609	3275	3280	3287	rBV	10627	21907	1.29%	0.189%
29	24.066	3519	3528	3534	rBV2	48170	139045	8.17%	1.198%
30	24.807	3649	3654	3655	rBV5	21408	32257	1.89%	0.278%
31	24.965	3672	3681	3689	rBV2	41380	116222	6.83%	1.001%
32	25.124	3698	3708	3717	rBV2	151556	441615	25.94%	3.804%
33	28.943	4348	4358	4362	rBV6	18218	51038	3.00%	0.440%

Sum of corrected areas: 11609115

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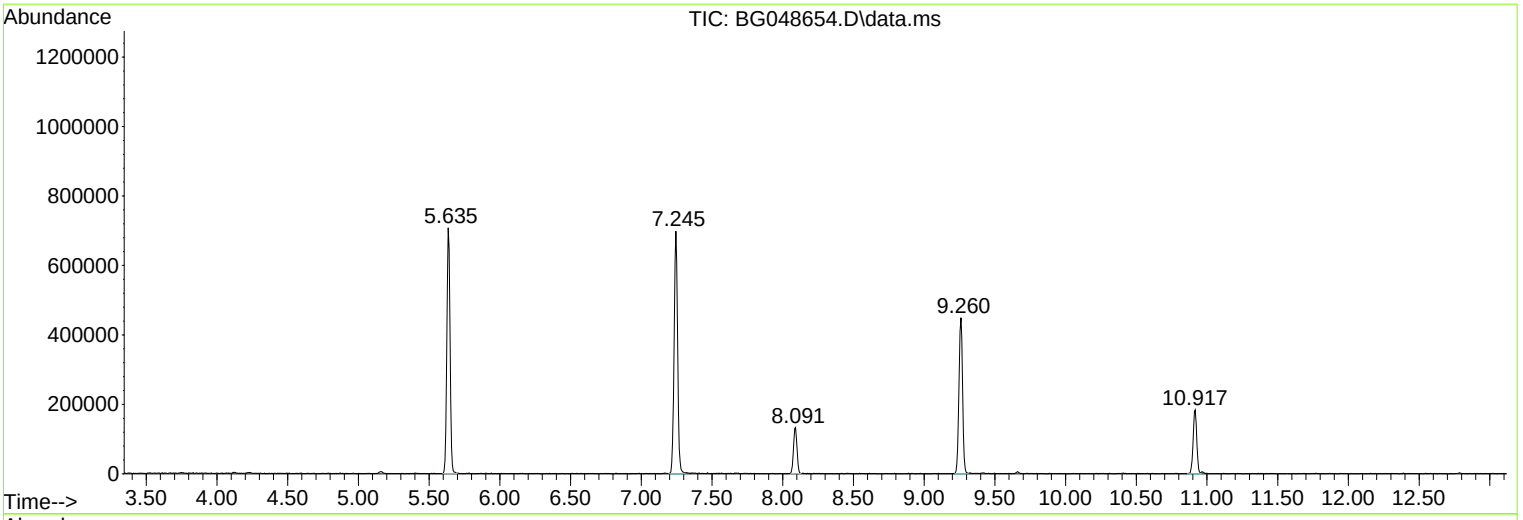
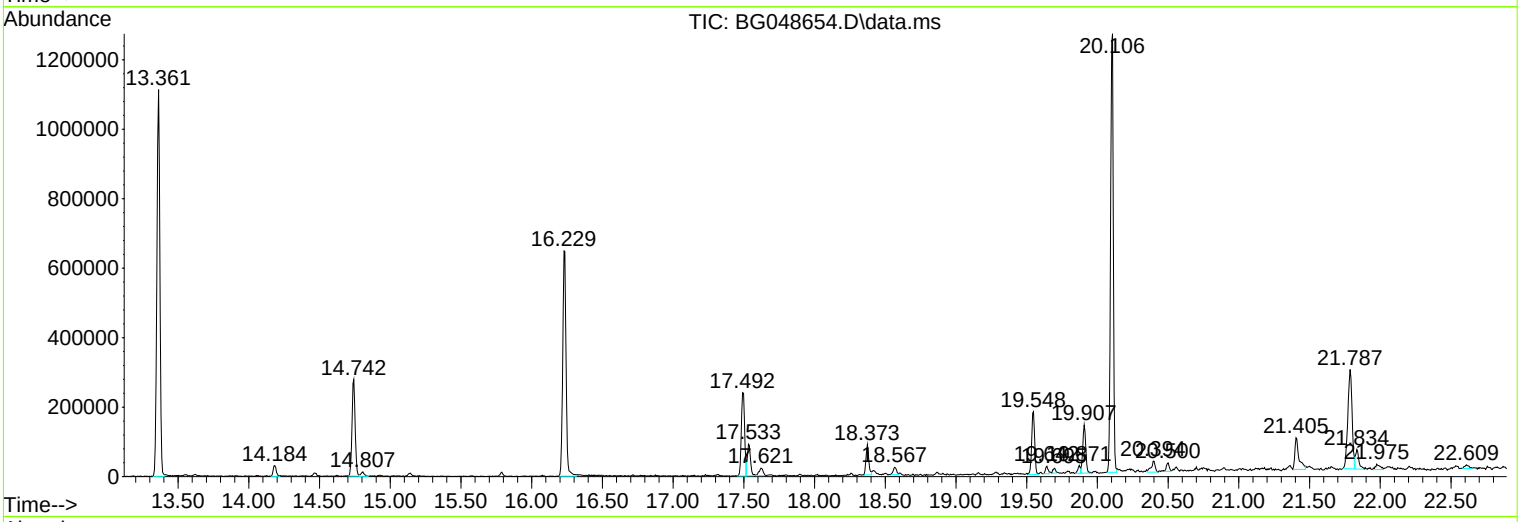
ALS Vial : 14 Sample Multiplier: 1

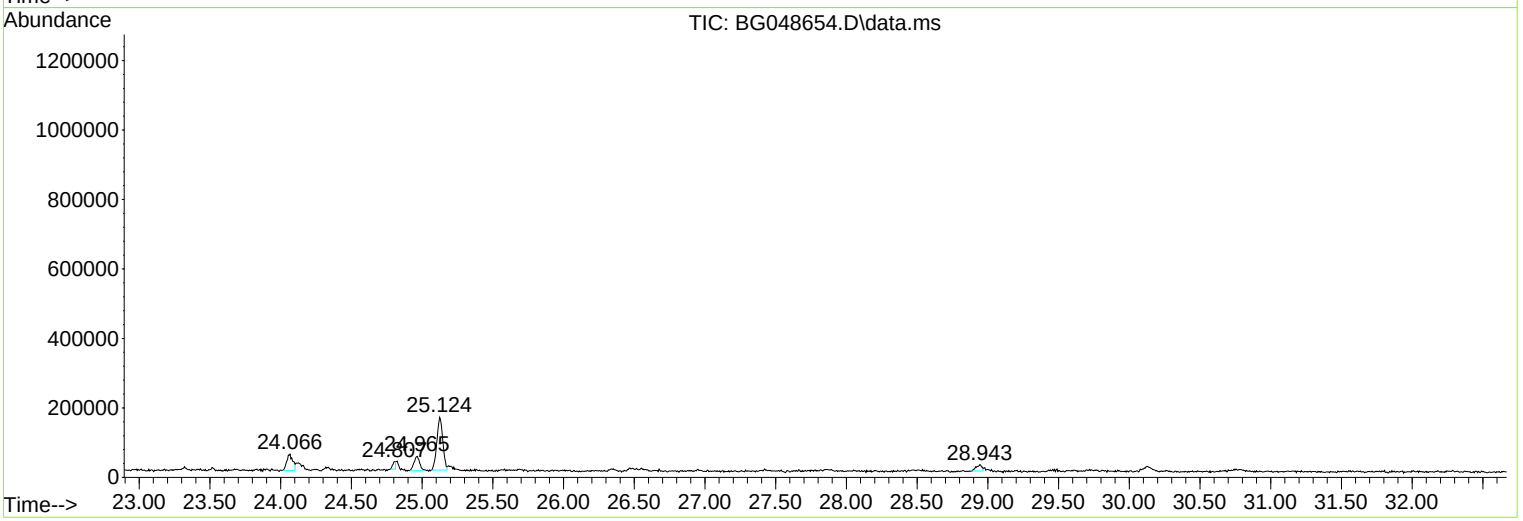
Instrument :
BNA_G
ClientSampleId :
SED-1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.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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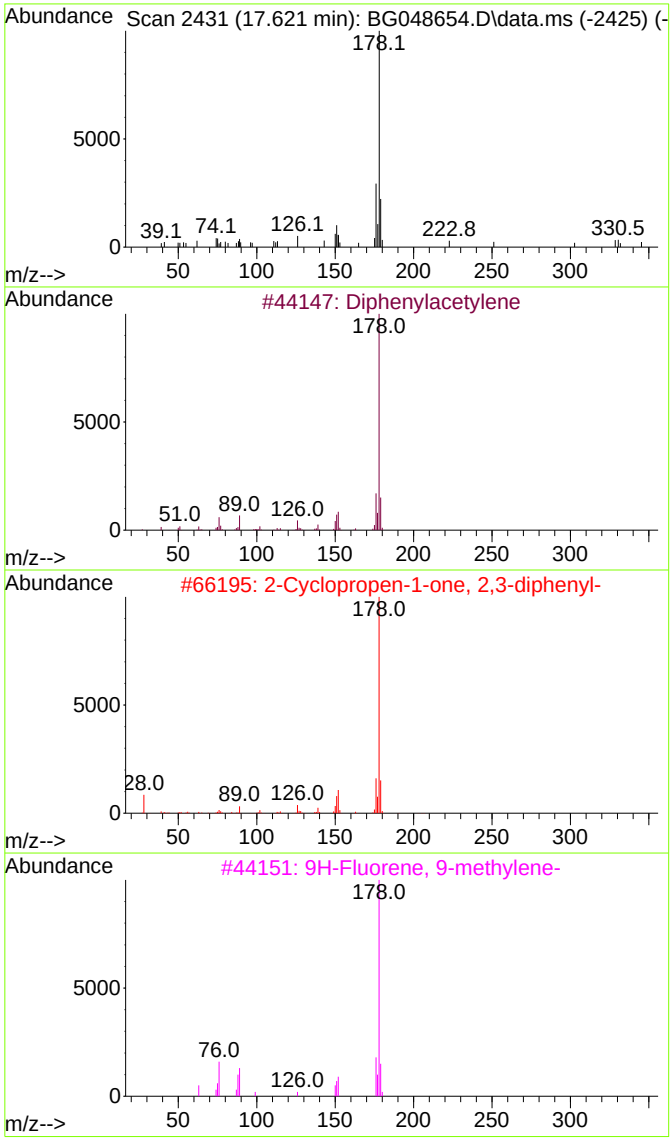
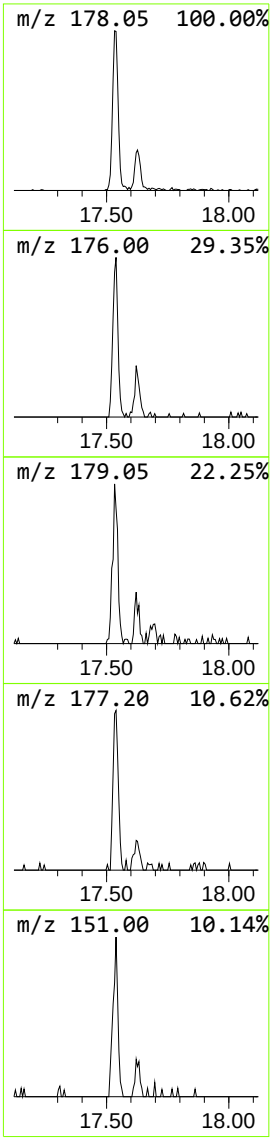
Peak Number 1 Diphenylacetylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.621	2.19 ng	42226	Phenanthrene-d10	17.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylacetylene	178	C14H10	000501-65-5	74
2	2-Cyclopropen-1-one, 2,3-diphenyl-	206	C15H10O	000886-38-4	72
3	9H-Fluorene, 9-methylene-	178	C14H10	004425-82-5	72
4	Anthracene	178	C14H10	000120-12-7	72
5	1,10b(2H)-Dihydropyrano[3,4,5-jk...	208	C15H12O	1000217-20-8	72





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BNA_G
ClientSampleId :
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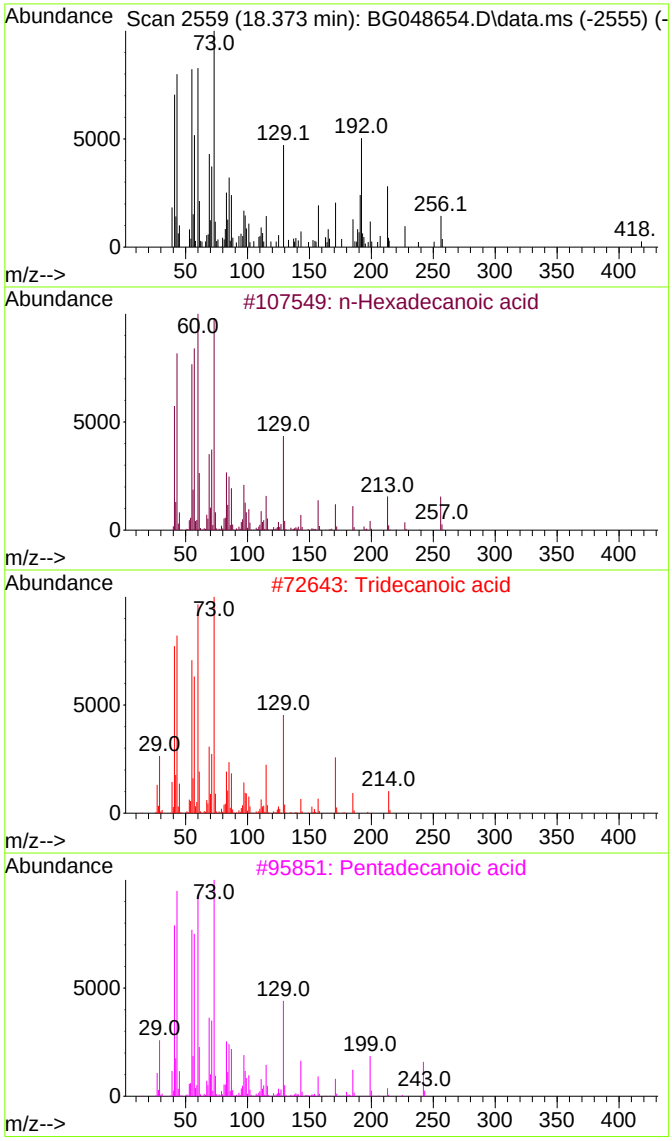
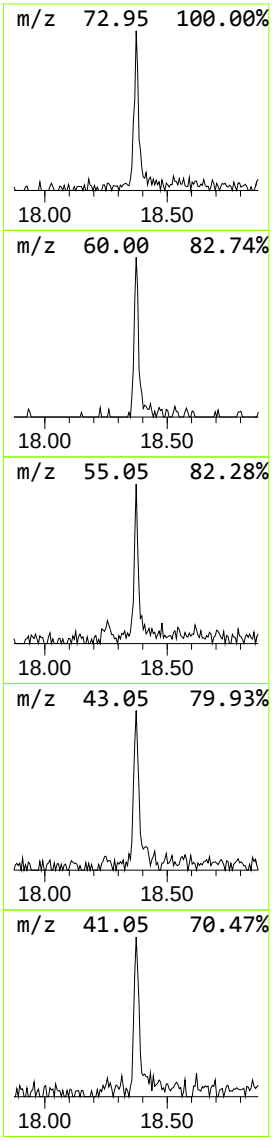
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.373	6.08 ng	117024	Phenanthrene-d10	17.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	46
5	Dodecanoic acid	200	C12H24O2	000143-07-7	46





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Sample : M1967-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SED-1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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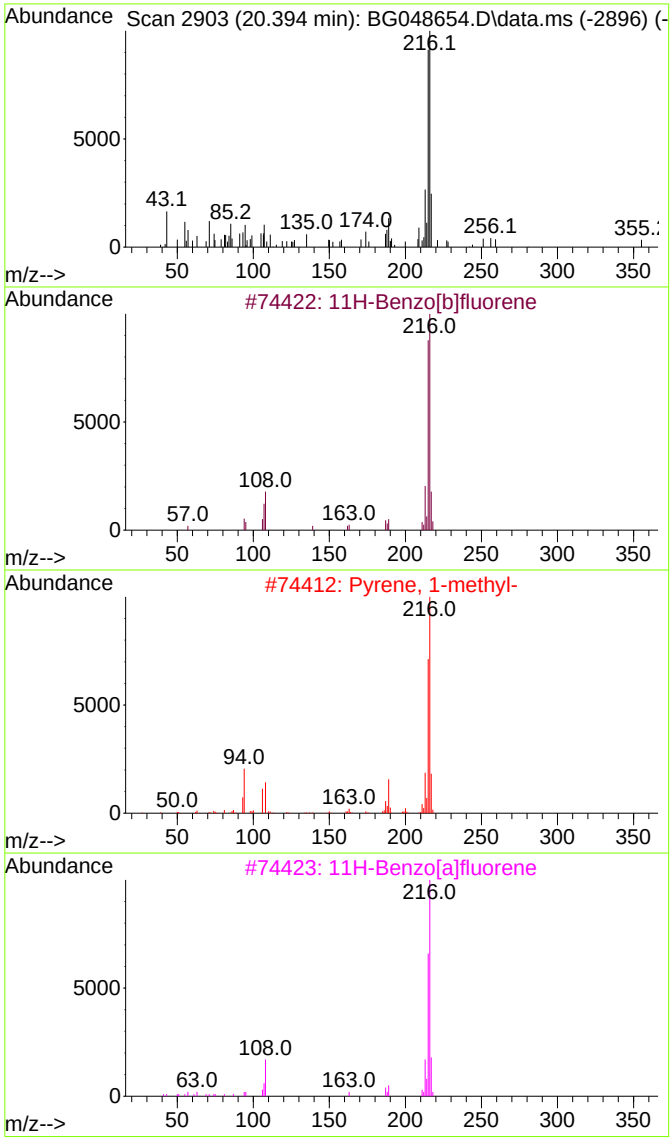
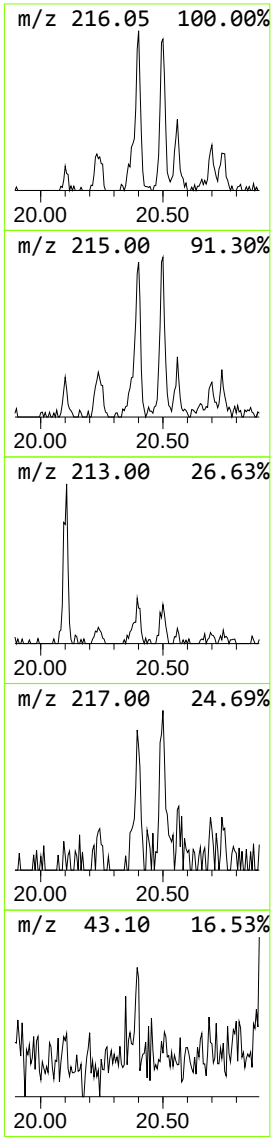
Peak Number 3 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.394	2.11 ng	61904	Chrysene-d12	21.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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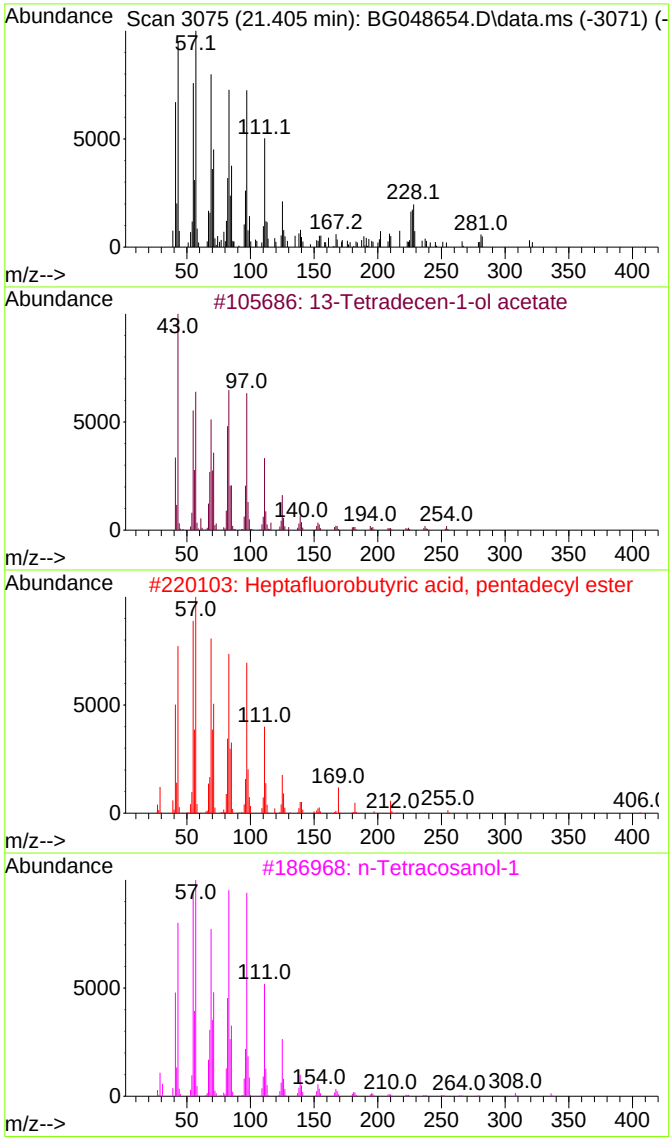
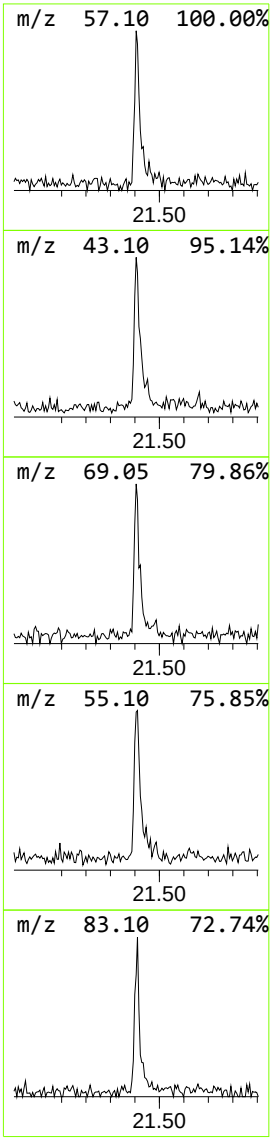
Peak Number 4 13-Tetradecen-1-ol acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.405	6.12 ng	179667	Chrysene-d12	21.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	93
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
4	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	90
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	87





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Diphenylacetylene	17.621	2.2	ng	42226	4	17.498	385197	20.0
n-Hexadecanoic ...	18.373	6.1	ng	117024	4	17.498	385197	20.0
11H-Benzo[b]flu...	20.394	2.1	ng	61904	5	21.787	586714	20.0
13-Tetradecen-1...	21.405	6.1	ng	179667	5	21.787	586714	20.0