LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072722\
Data File : BG054421.D
Acq On : 27 Jul 2022 18:29
Operator : CG/JU
Sample : N3836-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2

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-BG071522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054421.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.029	3	7	16	rVV2	24972	52498	4.10%	0.804%
2	3.106	16	20	34	rVB	90784	161843	12.64%	2.478%
3	5.567	430	439	452	rVB	231536	410755	32.08%	6.289%
4	7.171	703	712	726	rBV	253866	456318	35.64%	6.987%
5	7.988	844	851	859	rVB	60386	104377	8.15%	1.598%
6	9.151	1041	1049	1059	rBV	155994	287666	22.47%	4.405%
7	10.797	1319	1329	1336	rBV	81607	148526	11.60%	2.274%
8	13.247	1738	1746	1755	rBV	496972	794079	62.02%	12.159%
9	14.621	1973	1980	1987	rBV	143281	227613	17.78%	3.485%
10	16.114	2227	2234	2248	rBV	457289	732558	57.22%	11.217%
11	17.365	2440	2447	2452	rBV	186308	301521	23.55%	4.617%
12	17.406	2452	2454	2463	rVV	52594	75361	5.89%	1.154%
13	17.500	2466	2470	2476	rVB	13048	19224	1.50%	0.294%
14	18.253	2592	2598	2602	rBV4	41530	71833	5.61%	1.100%
15	18.294	2602	2605	2613	rVB3	18179	31809	2.48%	0.487%
16	18.441	2625	2630	2633	rBV3	19220	30829	2.41%	0.472%
17	18.787	2685	2689	2695	rBV8	7657	12827	1.00%	0.196%
18	18.993	2718	2724	2727	rBV8	6975	16953	1.32%	0.260%
19	19.157	2749	2752	2756	rBV4	10561	18553	1.45%	0.284%
20	19.422	2792	2797	2803	rBV	152081	221338	17.29%	3.389%
21	19.527	2811	2815	2818	rBV6	15565	24865	1.94%	0.381%
22	19.751	2849	2853	2854	rBV	30551	37129	2.90%	0.569%
23	19.780	2855	2858	2866	rVB	124752	192384	15.03%	2.946%
24	19.974	2886	2891	2897	rBV	927374	1280309	100.00%	19.604%
25	21.267	3108	3111	3116	rBV3	52336	71592	5.59%	1.096%
26	21.631	3166	3173	3178	rBV2	227333	476558	37.22%	7.297%
27	24.839	3713	3719	3731	rVB2	93675	271523	21.21%	4.158%

Sum of corrected areas: 6530841

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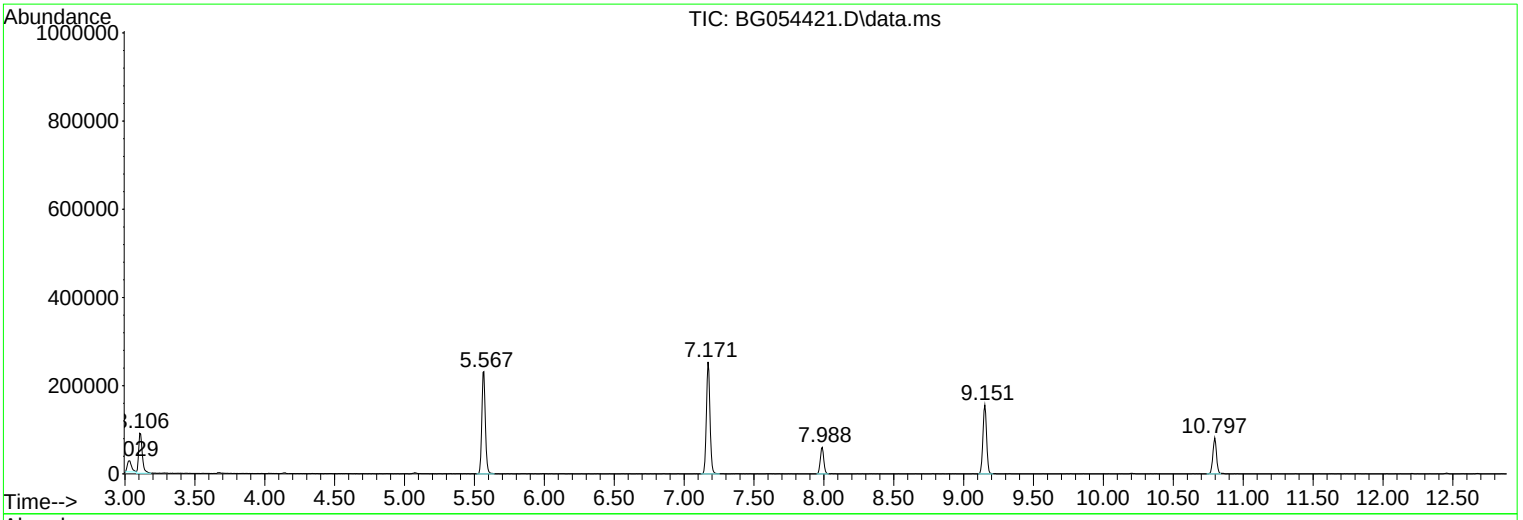
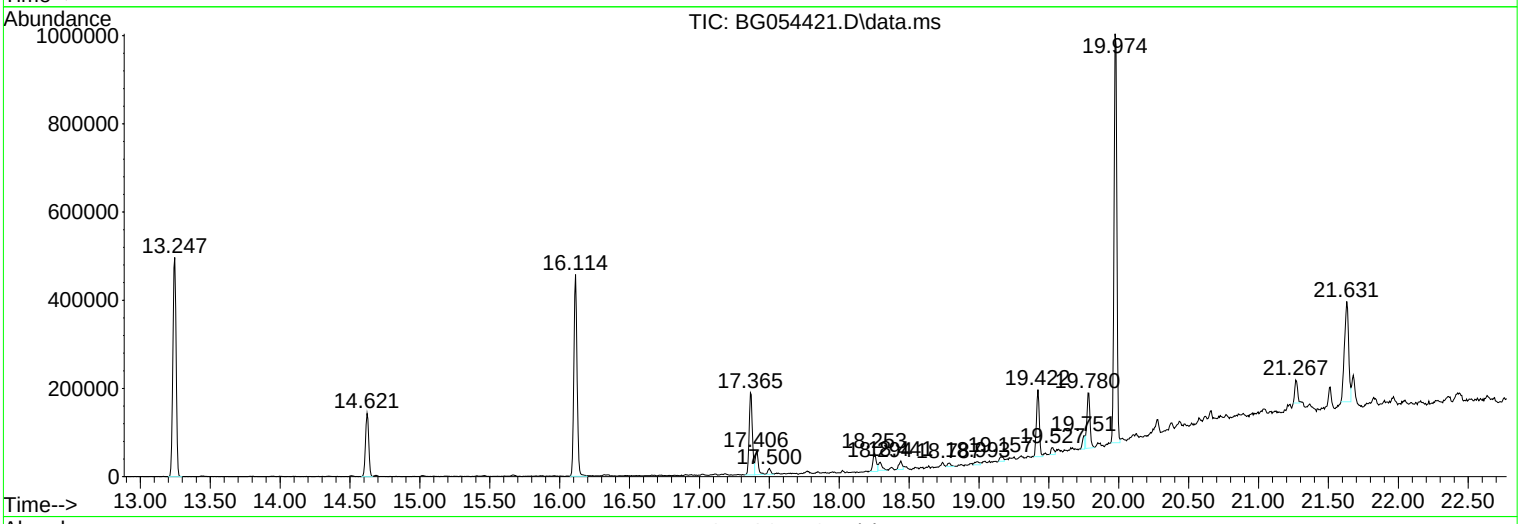
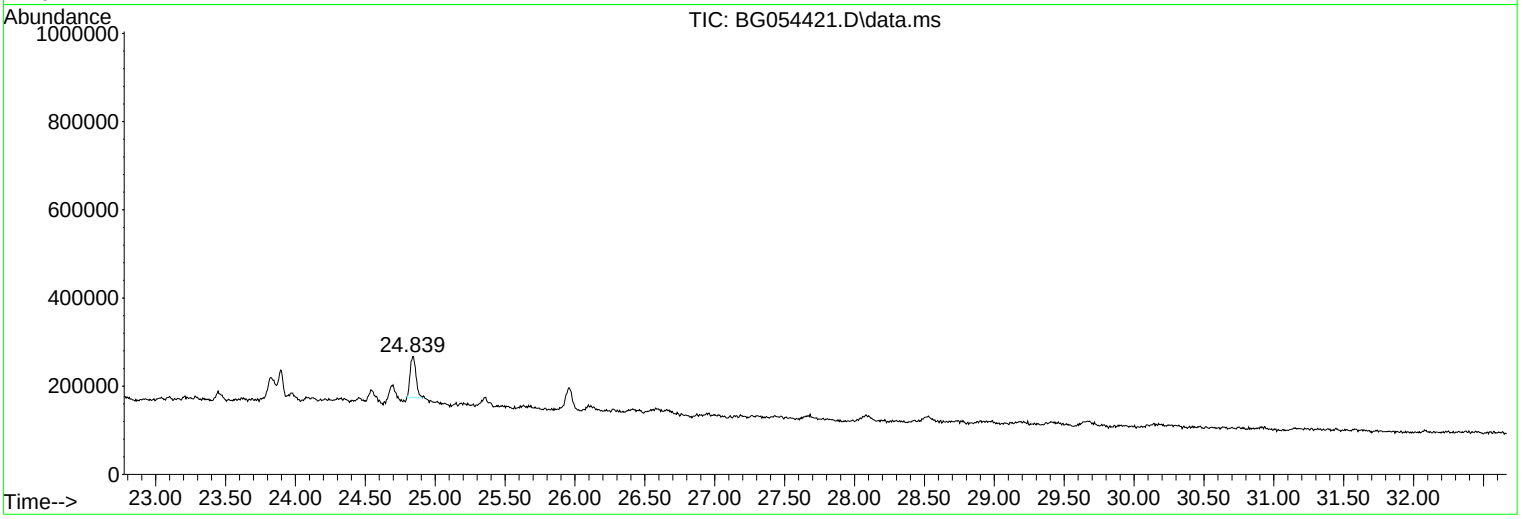
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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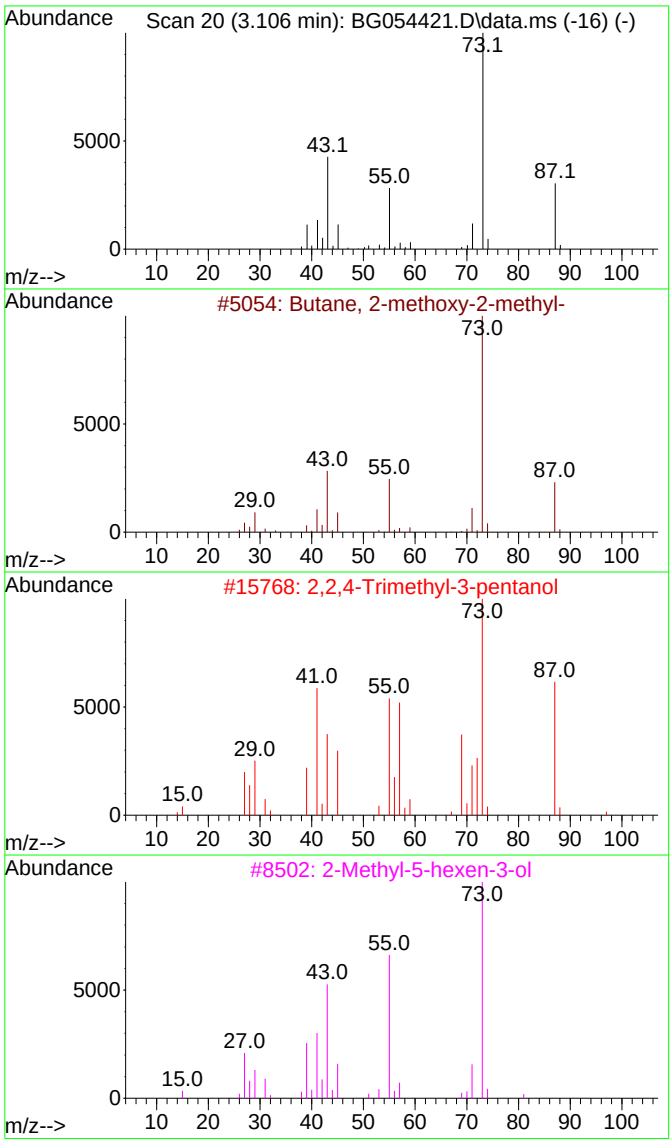
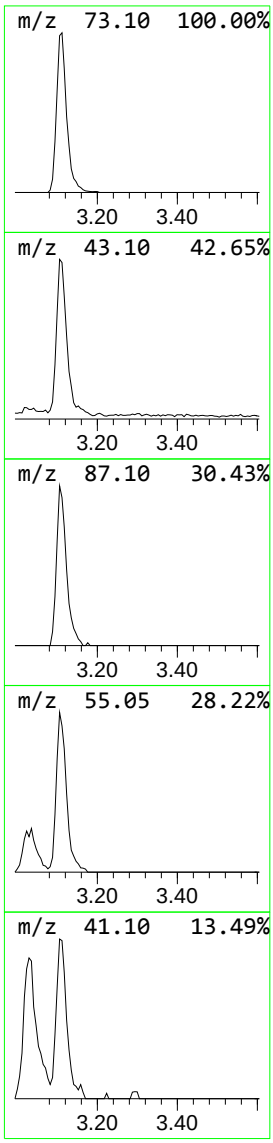
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.106	31.01 ng	161843	1,4-Dichlorobenzene-d4	7.982

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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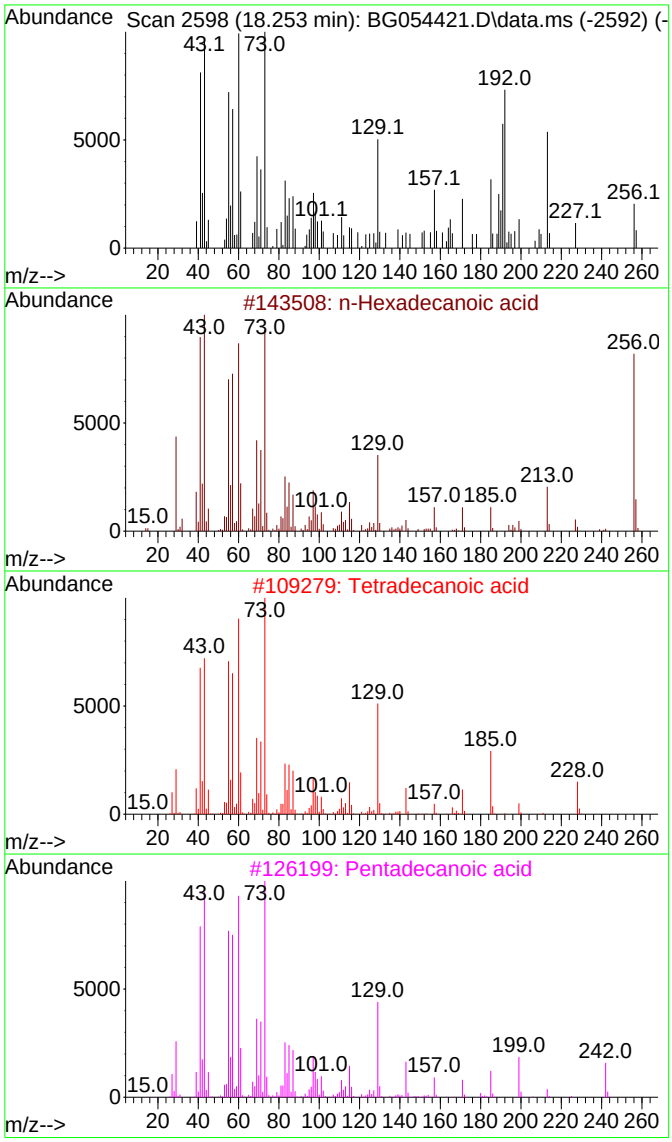
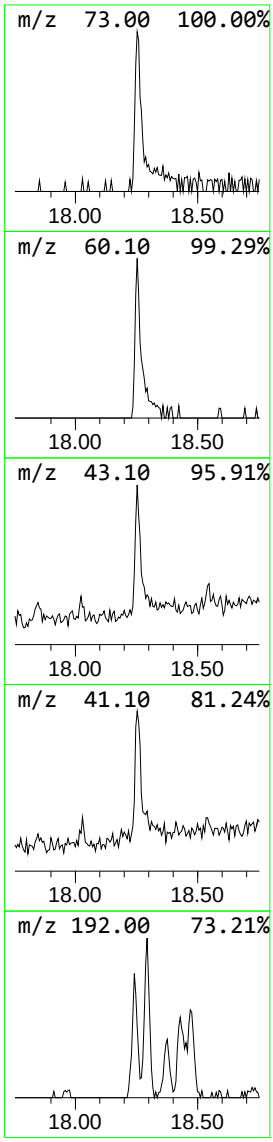
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.253	4.76 ng	71833	Phenanthrene-d10	17.365

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	38
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	30
4	Undecanoic acid	186	C11H22O2	000112-37-8	25
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072722\
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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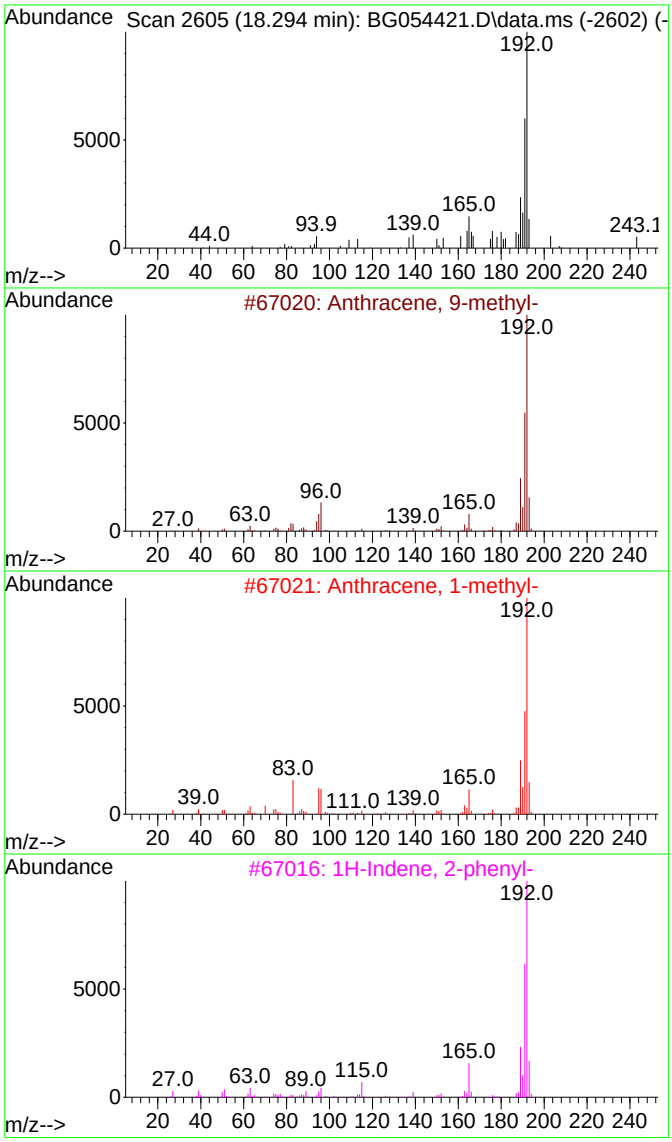
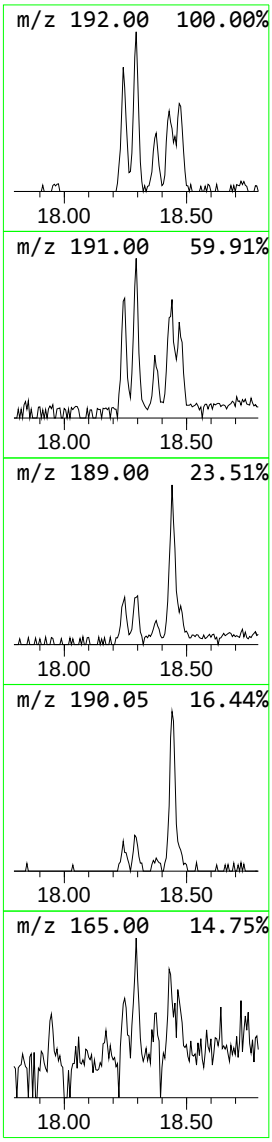
Peak Number 4 Anthracene, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.294	2.11 ng	31809	Phenanthrene-d10	17.365

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	72
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	72





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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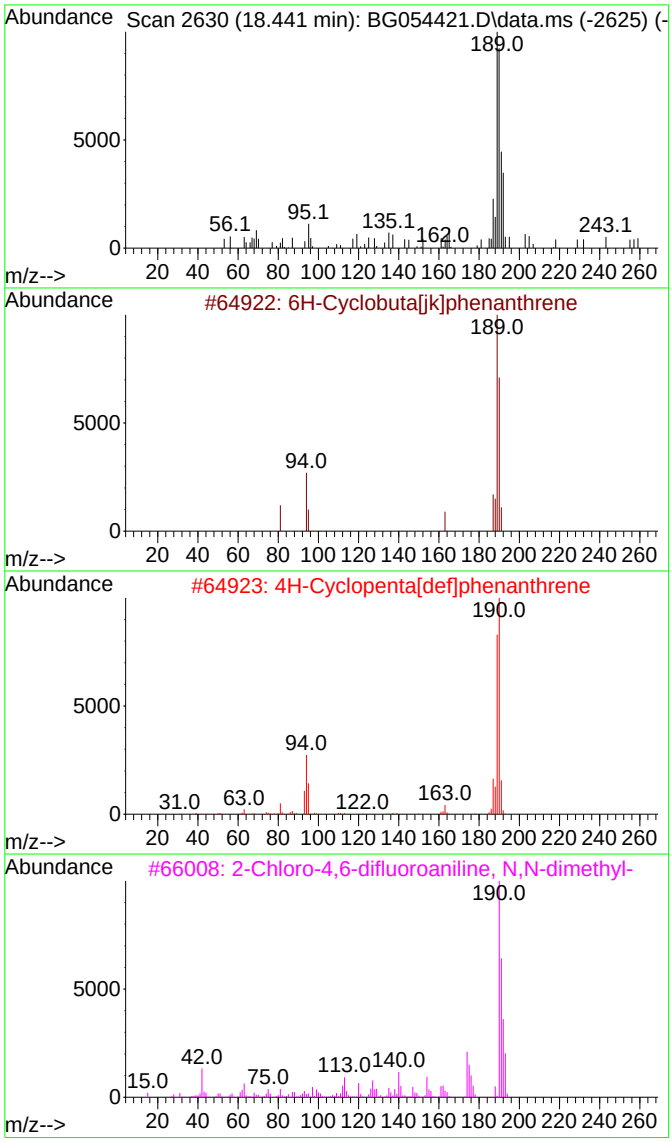
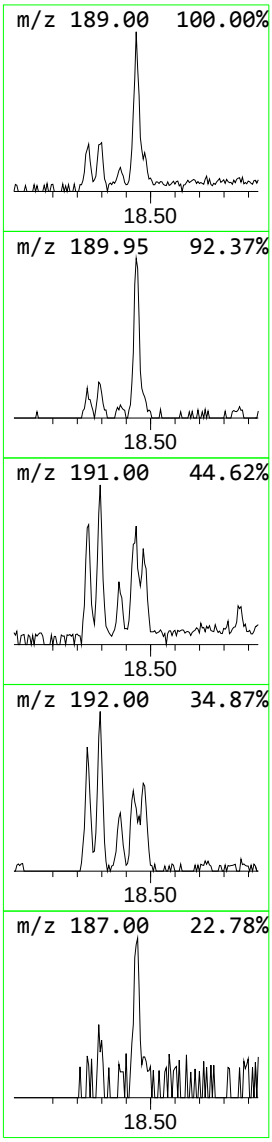
Peak Number 5 6H-Cyclobuta[jk]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.441	2.04 ng	30829	Phenanthrene-d10	17.365

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
3	2-Chloro-4,6-difluoroaniline, N,...	191	C8H8ClF2N	943830-85-1	38
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	l-Alanine, n-pentafluoropropiony...	347	C14H22F5NO3	1000323-37-5	35





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Operator : CG/JU
Sample : N3836-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
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TIC Library : C:\Database\NIST20.L
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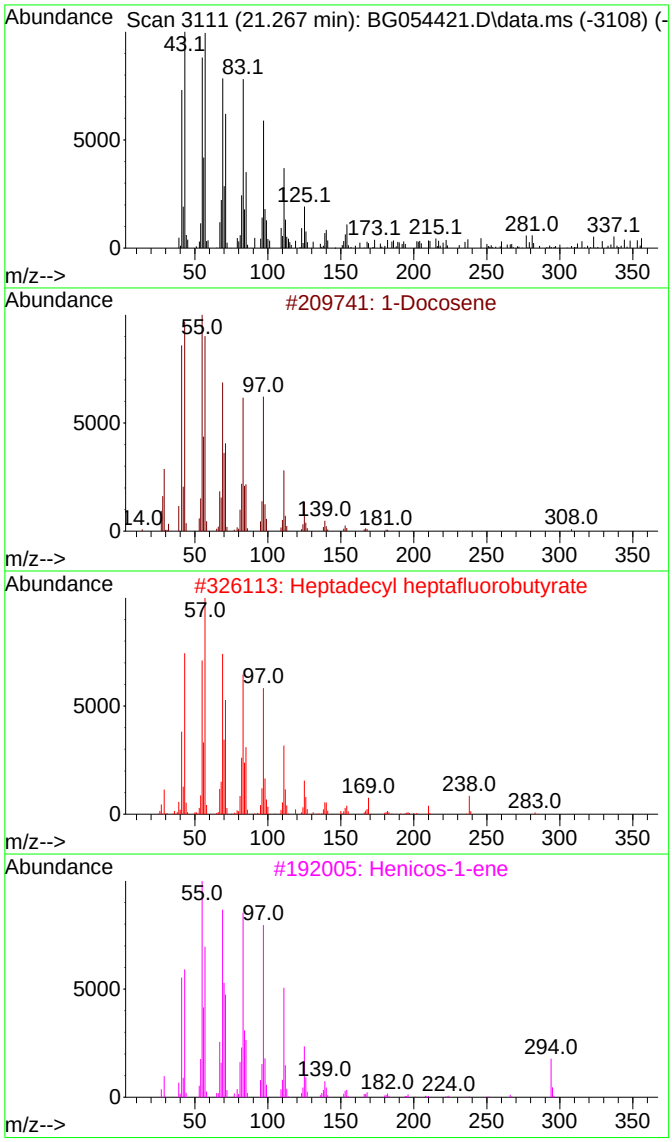
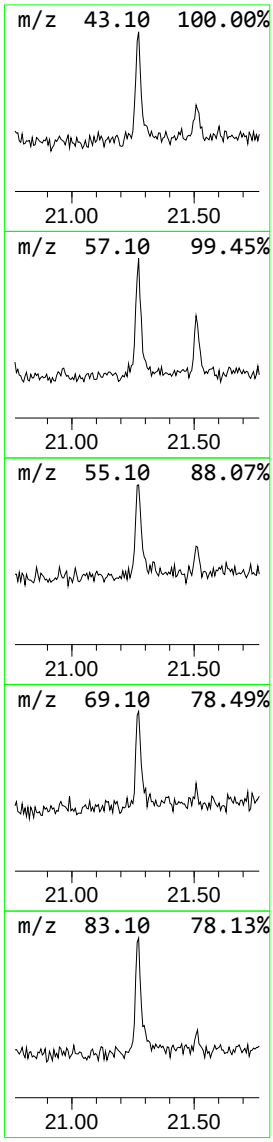
Peak Number 6 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.267	3.00 ng	71592	Chrysene-d12	21.631

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Henicos-1-ene	294	C21H42	001599-68-4	93
4	Pentadecafluorooctanoic acid, pe...	624	C23H31F15O2	1000406-04-5	91
5	17-Pentatriacontene	491	C35H70	006971-40-0	91





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.106	31.0	ng	161843	1	7.982	104377	20.0
n-Hexadecanoic ...	18.253	4.8	ng	71833	4	17.365	301521	20.0
Anthracene, 9-m...	18.294	2.1	ng	31809	4	17.365	301521	20.0
6H-Cyclobuta[jk...	18.441	2.0	ng	30829	4	17.365	301521	20.0
1-Docosene	21.267	3.0	ng	71592	5	21.631	476558	20.0