LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054707.D
Acq On : 23 Aug 2022 14:45
Operator : CG/JU
Sample : N4257-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-210

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-BG082222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054707.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.227	320	330	338	rBV	106875	173543	7.26%	1.055%
2	5.697	403	410	420	rBV	716753	1167708	48.86%	7.095%
3	7.301	674	683	691	rBV	733026	1279144	53.52%	7.773%
4	8.159	822	829	837	rBV	182913	312160	13.06%	1.897%
5	9.334	1021	1029	1041	rBV	440174	799067	33.43%	4.855%
6	10.985	1303	1310	1317	rBV	265081	473097	19.79%	2.875%
7	13.417	1716	1724	1731	rBV	1256202	1925626	80.57%	11.701%
8	14.792	1947	1958	1964	rBV	404931	657464	27.51%	3.995%
9	15.832	2130	2135	2141	rBV2	11534	24462	1.02%	0.149%
10	16.273	2202	2210	2217	rBV	865594	1336613	55.92%	8.122%
11	16.496	2240	2248	2260	rVB3	20982	46389	1.94%	0.282%
12	17.536	2419	2425	2429	rBV	471760	724953	30.33%	4.405%
13	17.577	2429	2432	2439	rVB	150917	219195	9.17%	1.332%
14	17.665	2442	2447	2452	rBV	31814	49080	2.05%	0.298%
15	18.406	2568	2573	2577	rBV2	124080	191415	8.01%	1.163%
16	18.459	2578	2582	2591	rVB2	41961	79338	3.32%	0.482%
17	18.600	2601	2606	2611	rBV2	36532	71875	3.01%	0.437%
18	18.694	2619	2622	2629	rBV6	19994	36658	1.53%	0.223%
19	18.905	2654	2658	2661	rBV	18877	27689	1.16%	0.168%
20	18.940	2661	2664	2670	rVB2	27384	39066	1.63%	0.237%
21	19.316	2724	2728	2733	rBV2	30839	53954	2.26%	0.328%
22	19.457	2748	2752	2760	rBV3	26110	50981	2.13%	0.310%
23	19.581	2768	2773	2779	rVB	376530	521157	21.80%	3.167%
24	19.669	2785	2788	2793	rVB2	46079	56321	2.36%	0.342%
25	19.904	2824	2828	2830	rBV	63169	90395	3.78%	0.549%
26	19.945	2830	2835	2842	rVB	337649	519404	21.73%	3.156%
27	20.133	2861	2867	2873	rBV	1821410	2390114	100.00%	14.523%
28	20.427	2915	2917	2922	rVB2	59960	74952	3.14%	0.455%
29	21.202	3046	3049	3055	rVB	47050	69957	2.93%	0.425%
30	21.443	3086	3090	3096	rBV	161689	239892	10.04%	1.458%
31	21.702	3129	3134	3141	rVB	168550	258426	10.81%	1.570%
32	21.825	3147	3155	3160	rBV2	476580	1106285	46.29%	6.722%
33	21.872	3160	3163	3171	rVB	171771	302997	12.68%	1.841%
34	24.128	3540	3547	3555	rBV	121961	407965	17.07%	2.479%
35	25.204	3722	3730	3741	rBV2	226643	679877	28.45%	4.131%

LSC Area Percent Report

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Misc :
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Instrument :
BNA_G
ClientSampleId :
VNJ-210

Integration Parameters: rteint.p
Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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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-BG082222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 16457219

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
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Instrument :
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ClientSampleId :
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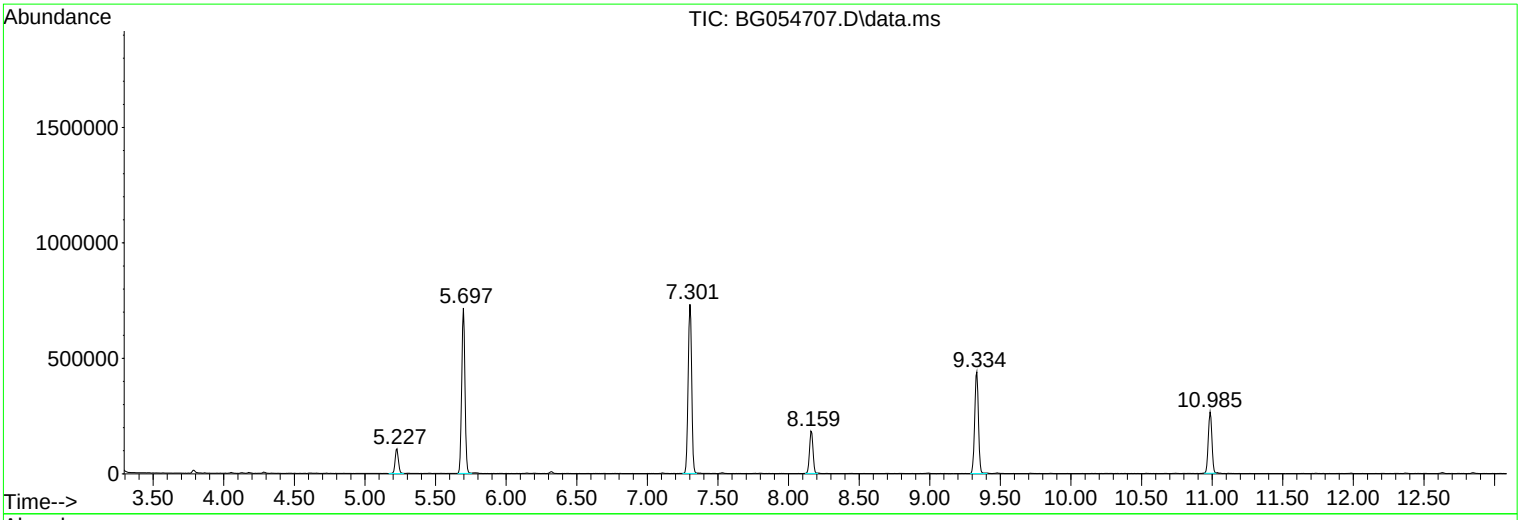
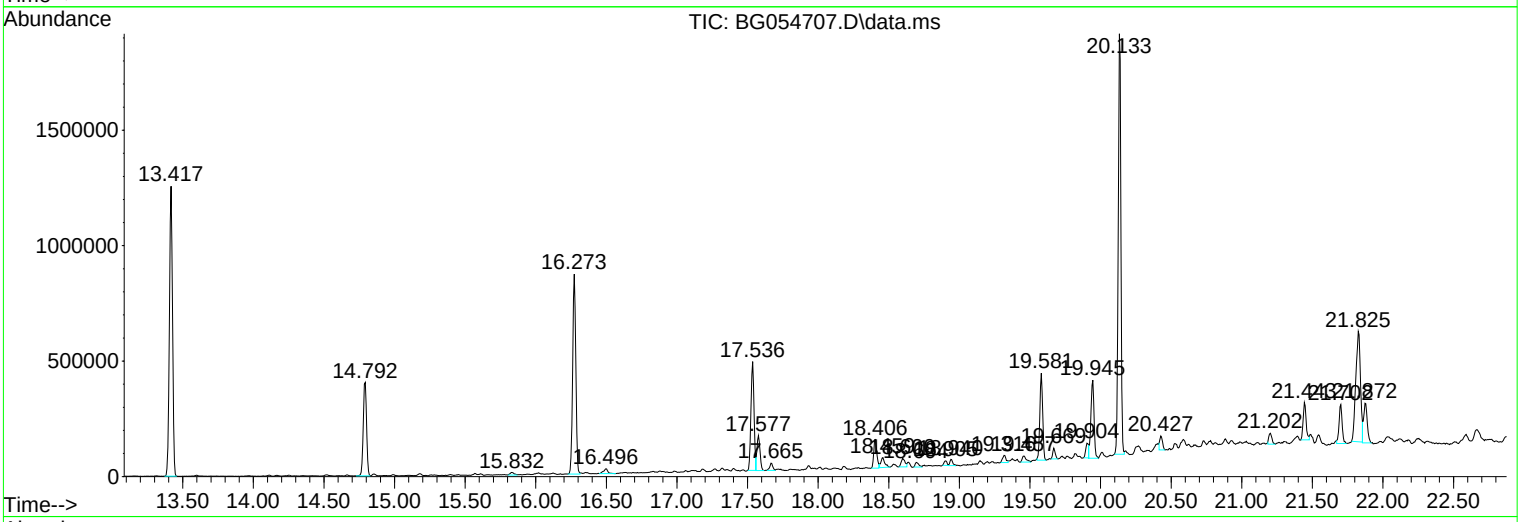
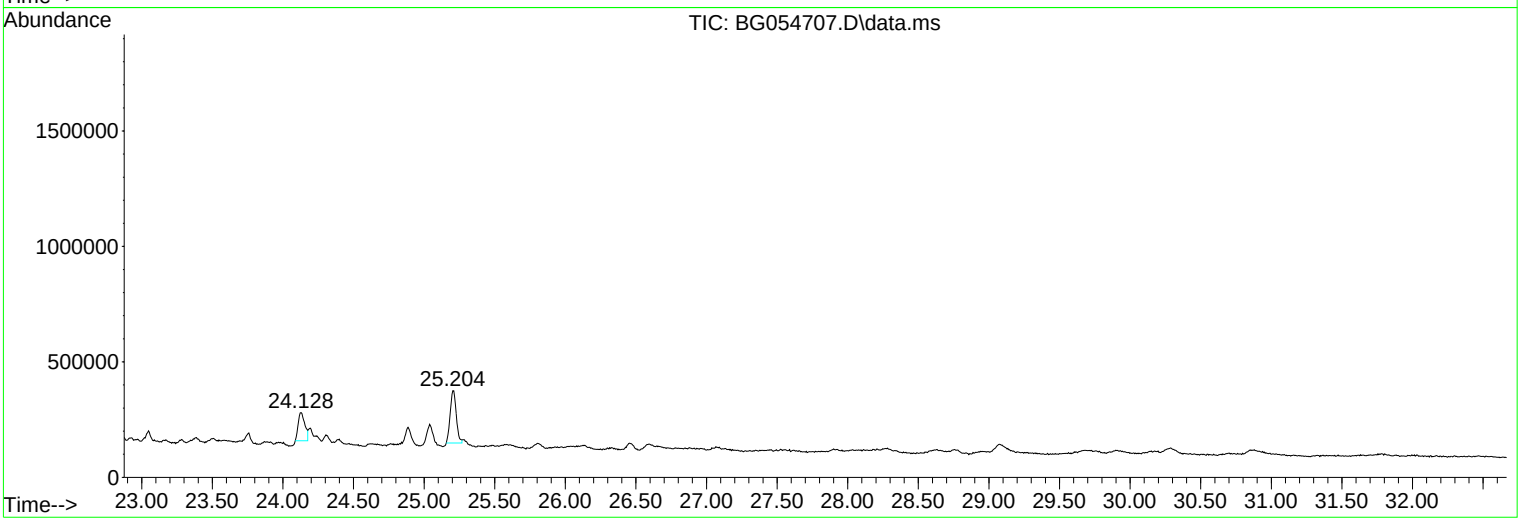
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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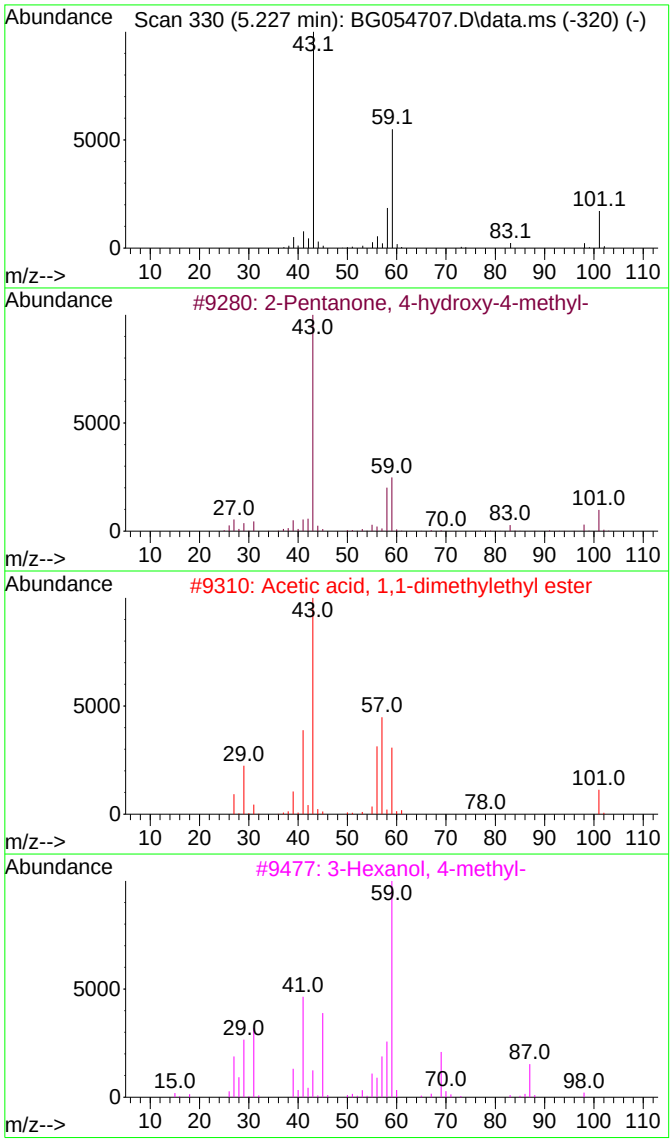
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

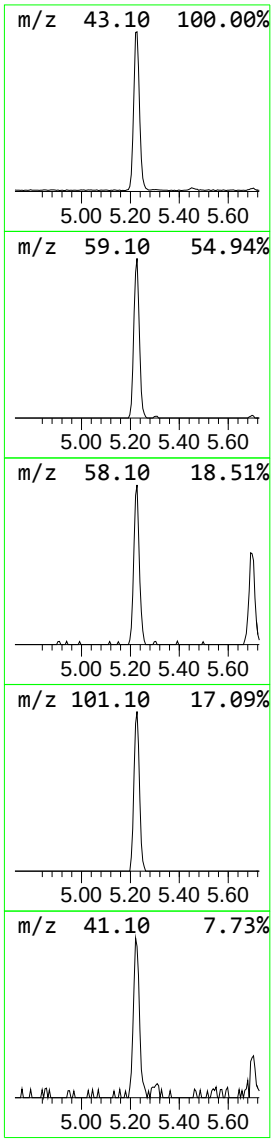
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.227	11.12 ng	173543	1,4-Dichlorobenzene-d4	8.159

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





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BNA_G
ClientSampleId :
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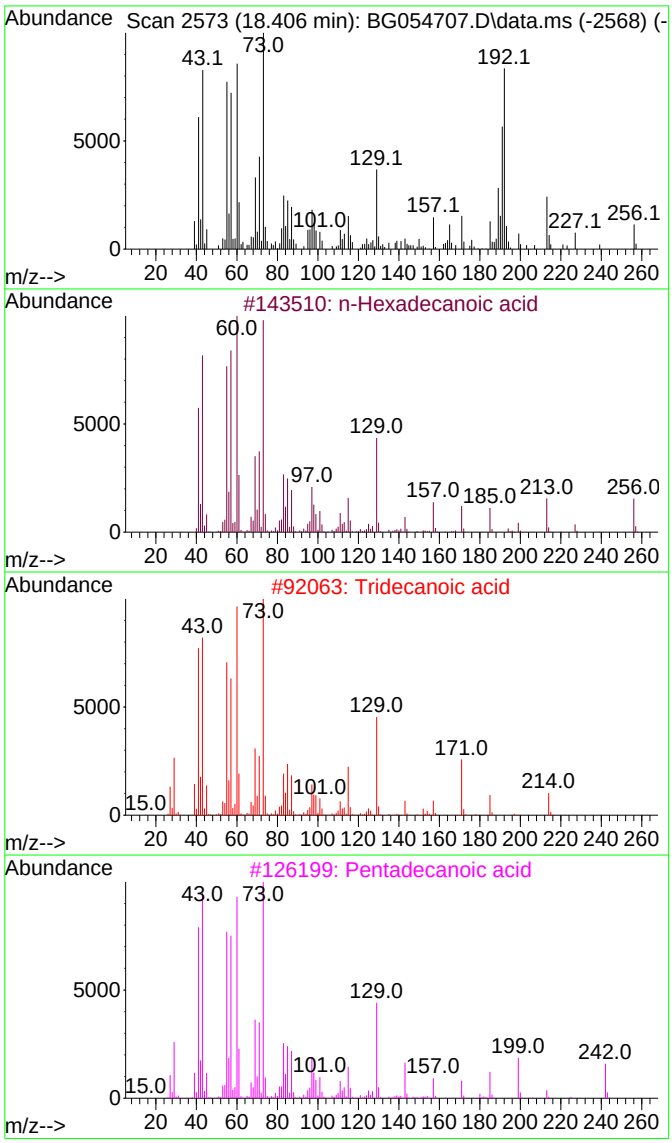
TIC Integration Parameters: LSCINT.P

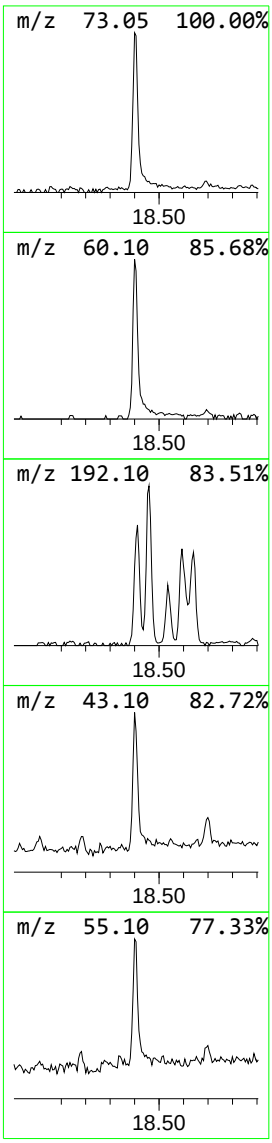
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.406	5.28 ng	191415	Phenanthrene-d10	17.536

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	55
4	Undecanoic acid	186	C11H22O2	000112-37-8	38
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	35





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Operator : CG/JU
Sample : N4257-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-210

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.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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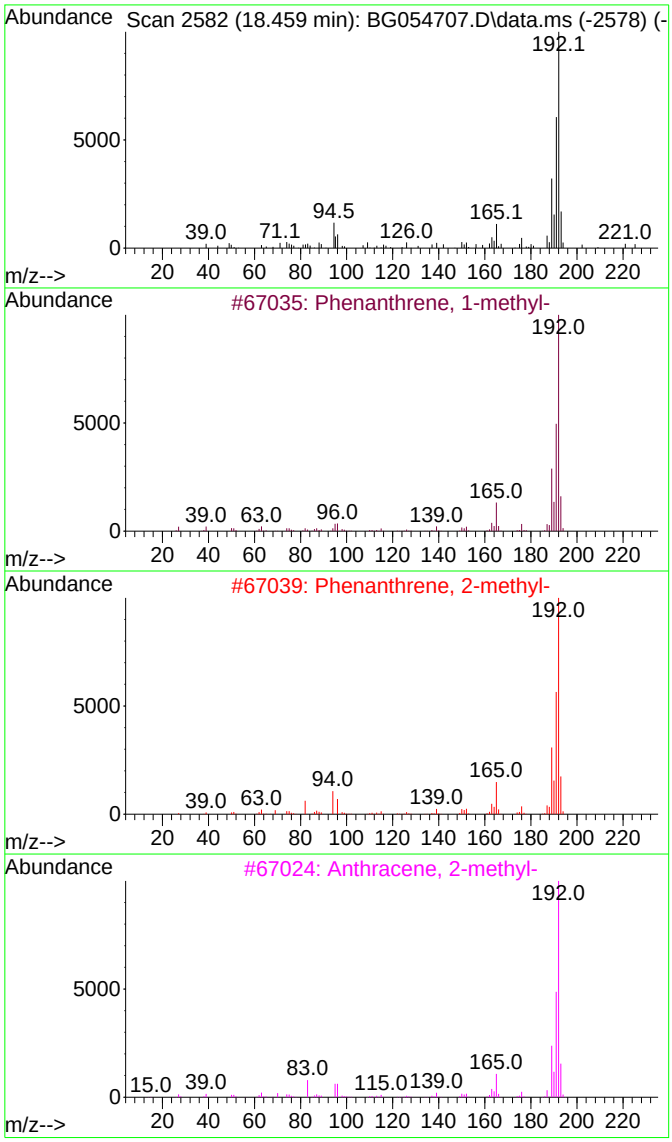
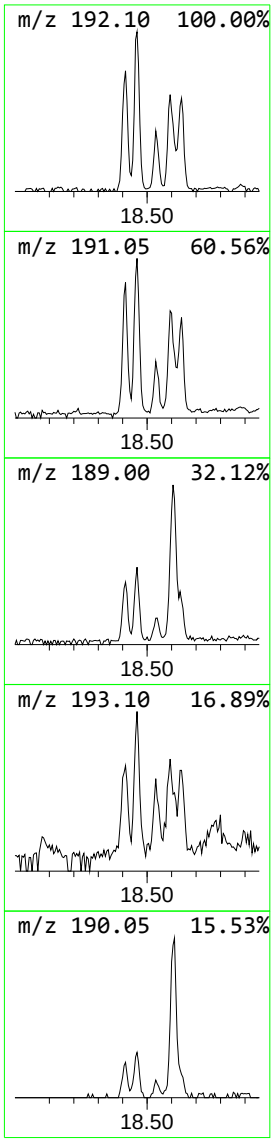
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.459	2.19 ng	79338	Phenanthrene-d10	17.536

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Instrument :
BNA_G
ClientSampleId :
VNJ-210

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TIC Integration Parameters: LSCINT.P

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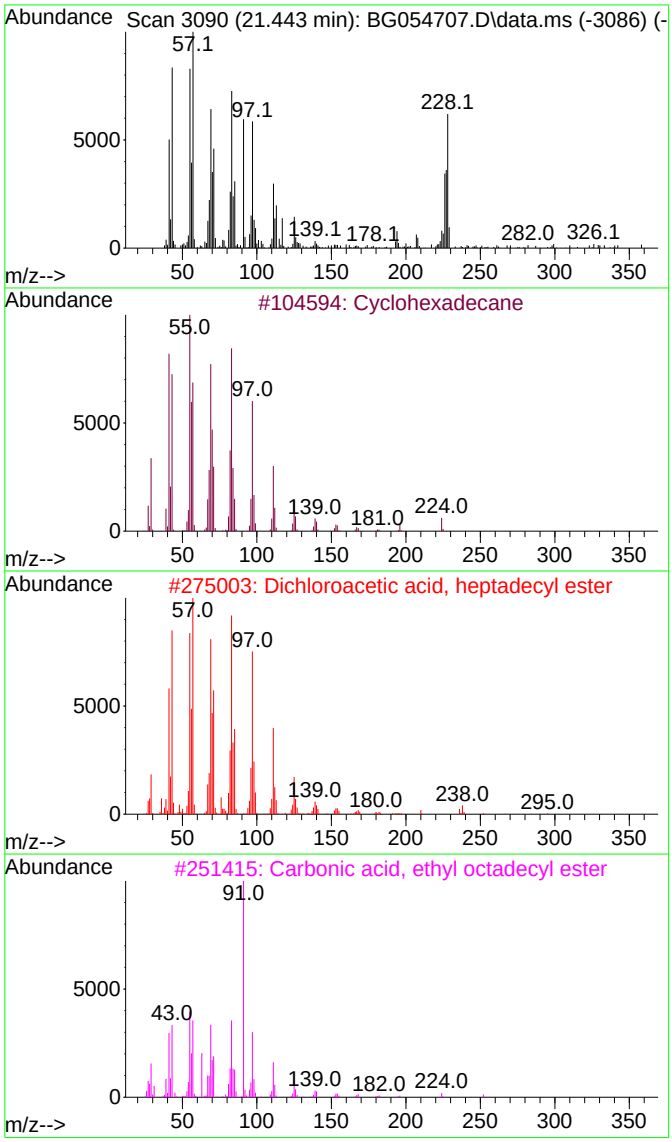
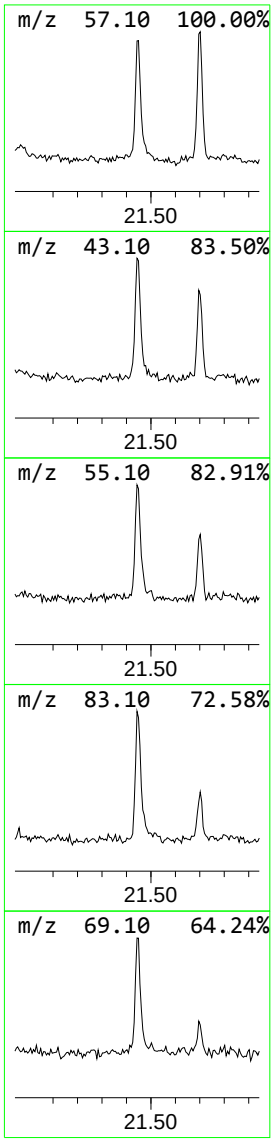
Peak Number 4 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.443	4.34 ng	239892	Chrysene-d12	21.831

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	89
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	64
3	Carbonic acid, ethyl octadecyl e...	342	C21H42O3	1000314-59-8	64
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	64
5	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	64





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
2-Pentanone, 4-...	5.227	11.1	ng	173543	1	8.159	312160	20.0
n-Hexadecanoic ...	18.406	5.3	ng	191415	4	17.536	724953	20.0
Phenanthrene, 1...	18.459	2.2	ng	79338	4	17.536	724953	20.0
Cyclohexadecane	21.443	4.3	ng	239892	5	21.831	1106290	20.0