LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048868.D
Acq On : 23 Apr 2021 18:11
Operator : CG/JU
Sample : M2089-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-GF-02-072-B

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-BG041421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048868.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.611	380	387	394	rBV	448296	726754	54.01%	7.744%
2	7.221	653	661	672	rBV	478332	809359	60.14%	8.624%
3	8.056	796	803	810	rVB	112104	187372	13.92%	1.997%
4	9.231	995	1003	1010	rBV	307289	537236	39.92%	5.725%
5	10.882	1275	1284	1290	rBV	147328	255366	18.98%	2.721%
6	10.929	1290	1292	1301	rVB	9342	15444	1.15%	0.165%
7	13.332	1690	1701	1707	rBV	716531	1088215	80.87%	11.596%
8	14.031	1815	1820	1825	rVB4	8442	14014	1.04%	0.149%
9	14.160	1836	1842	1849	rVB2	26524	44515	3.31%	0.474%
10	14.713	1927	1936	1944	rBV	213367	338133	25.13%	3.603%
11	14.777	1944	1947	1952	rVB2	14945	22269	1.65%	0.237%
12	15.118	1998	2005	2009	rBV2	9625	17722	1.32%	0.189%
13	15.764	2110	2115	2120	rBV	18370	27341	2.03%	0.291%
14	16.211	2184	2191	2199	rBV	529522	798009	59.30%	8.503%
15	17.127	2341	2347	2351	rBV6	7804	16162	1.20%	0.172%
16	17.210	2355	2361	2365	rVV6	13790	22127	1.64%	0.236%
17	17.474	2398	2406	2410	rBV	250241	402996	29.95%	4.294%
18	17.515	2410	2413	2419	rVV	145093	196709	14.62%	2.096%
19	17.603	2422	2428	2433	rVB	33840	57004	4.24%	0.607%
20	17.874	2470	2474	2478	rBV	14136	18401	1.37%	0.196%
21	18.120	2513	2516	2520	rVB4	10528	13897	1.03%	0.148%
22	18.349	2550	2555	2559	rBV2	28840	39616	2.94%	0.422%
23	18.396	2559	2563	2569	rVB2	33658	46363	3.45%	0.494%
24	18.479	2573	2577	2581	rVV4	9084	14150	1.05%	0.151%
25	18.543	2583	2588	2592	rVV4	30549	62916	4.68%	0.670%
26	18.584	2592	2595	2599	rVB2	20963	26343	1.96%	0.281%
27	18.849	2633	2640	2644	rBV2	19711	31531	2.34%	0.336%
28	18.890	2644	2647	2652	rVB6	10799	14814	1.10%	0.158%
29	19.090	2674	2681	2682	rBV7	9018	14060	1.04%	0.150%
30	19.260	2706	2710	2713	rBV5	61397	81121	6.03%	0.864%
31	19.290	2713	2715	2718	rVB3	21820	23850	1.77%	0.254%
32	19.401	2731	2734	2737	rBV4	12435	21329	1.58%	0.227%
33	19.530	2749	2756	2762	rBV	182442	273818	20.35%	2.918%
34	19.859	2807	2812	2813	rBV3	32969	39998	2.97%	0.426%
35	19.895	2813	2818	2824	rVV	169835	258206	19.19%	2.751%
36	19.953	2826	2828	2835	rVB7	16399	27372	2.03%	0.292%

LSC Area Percent Report

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Acq On : 23 Apr 2021 18:11
Operator : CG/JU
Sample : M2089-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-GF-02-072-B

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.083	2845	2850	2857	rBV	1074315	1345687	100.00%	14.339%
38	20.218	2871	2873	2882	rVB9	16967	27014	2.01%	0.288%
39	20.376	2898	2900	2905	rVB3	34090	43766	3.25%	0.466%
40	20.482	2915	2918	2922	rVB3	24357	29495	2.19%	0.314%
41	20.729	2956	2960	2963	rBV5	26182	34408	2.56%	0.367%
42	21.381	3067	3071	3077	rBV4	69395	98595	7.33%	1.051%
43	21.769	3129	3137	3142	rBV3	236613	508926	37.82%	5.423%
44	21.816	3143	3145	3153	rVB	72272	104534	7.77%	1.114%
45	24.037	3516	3523	3527	rBV2	39388	101779	7.56%	1.085%
46	24.942	3669	3677	3684	rBV3	38682	103431	7.69%	1.102%
47	25.100	3694	3704	3712	rBV3	135706	378060	28.09%	4.029%
48	26.892	4005	4009	4012	rBV6	13133	24267	1.80%	0.259%

Sum of corrected areas: 9384494

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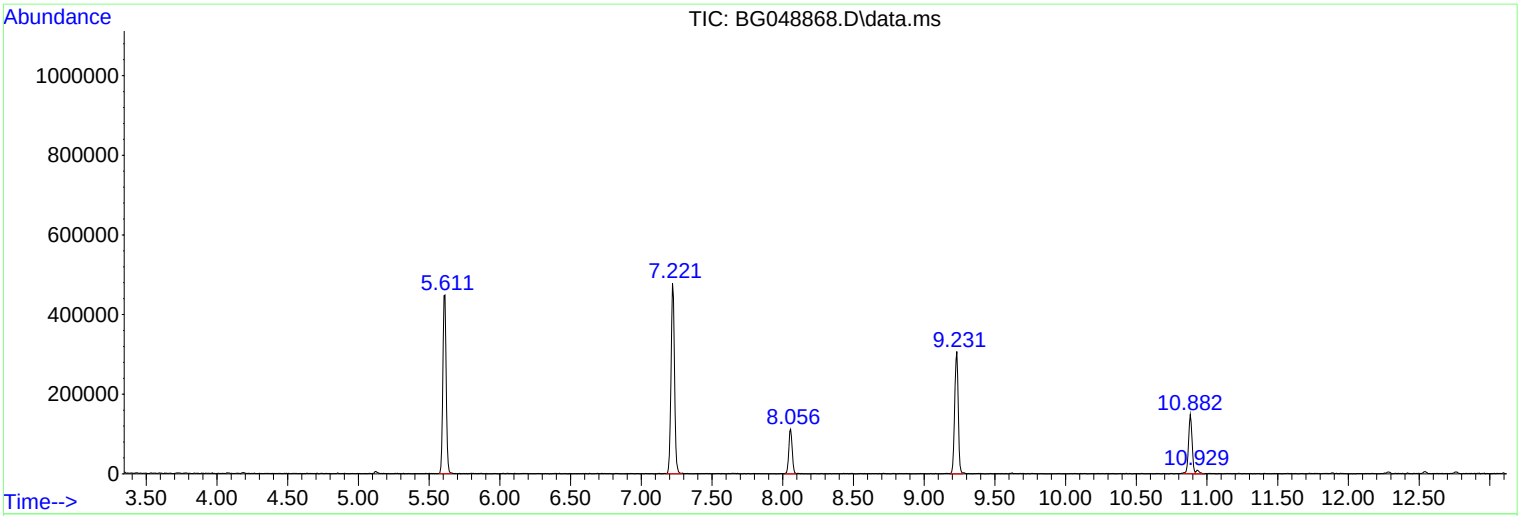
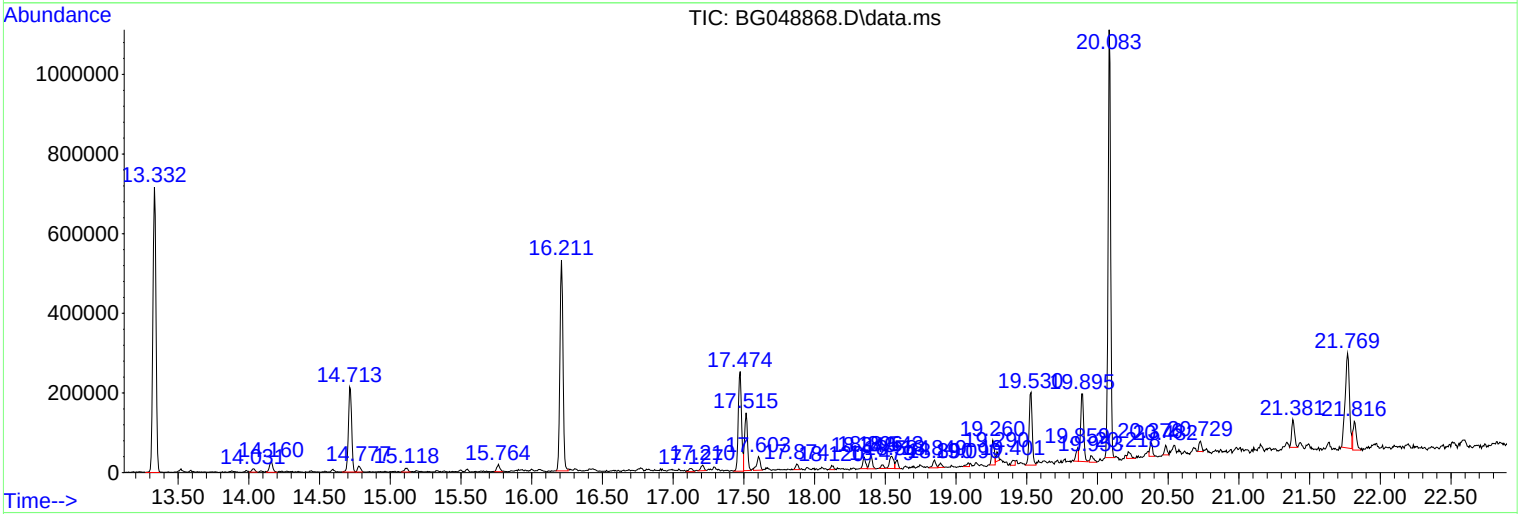
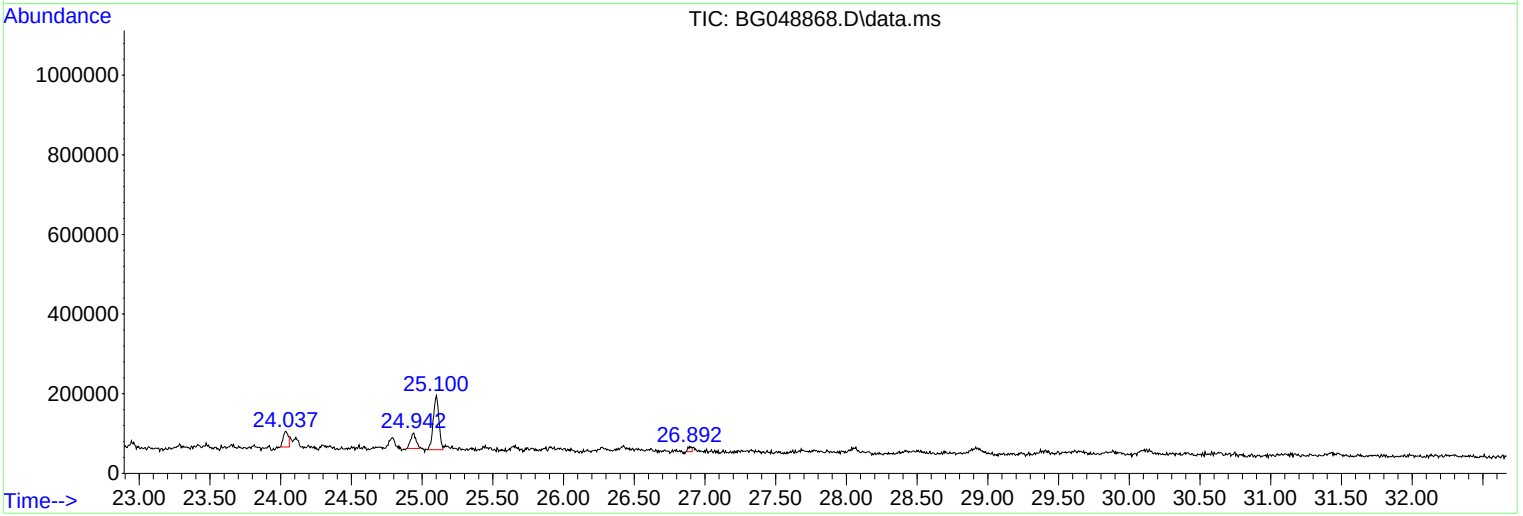
Instrument :
BNA_G
ClientSampleId :
FK-GF-02-072-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.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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Data File : BG048868.D
Acq On : 23 Apr 2021 18:11
Operator : CG/JU
Sample : M2089-03
Misc :
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Instrument :
BNA_G
ClientSampleId :
FK-GF-02-072-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
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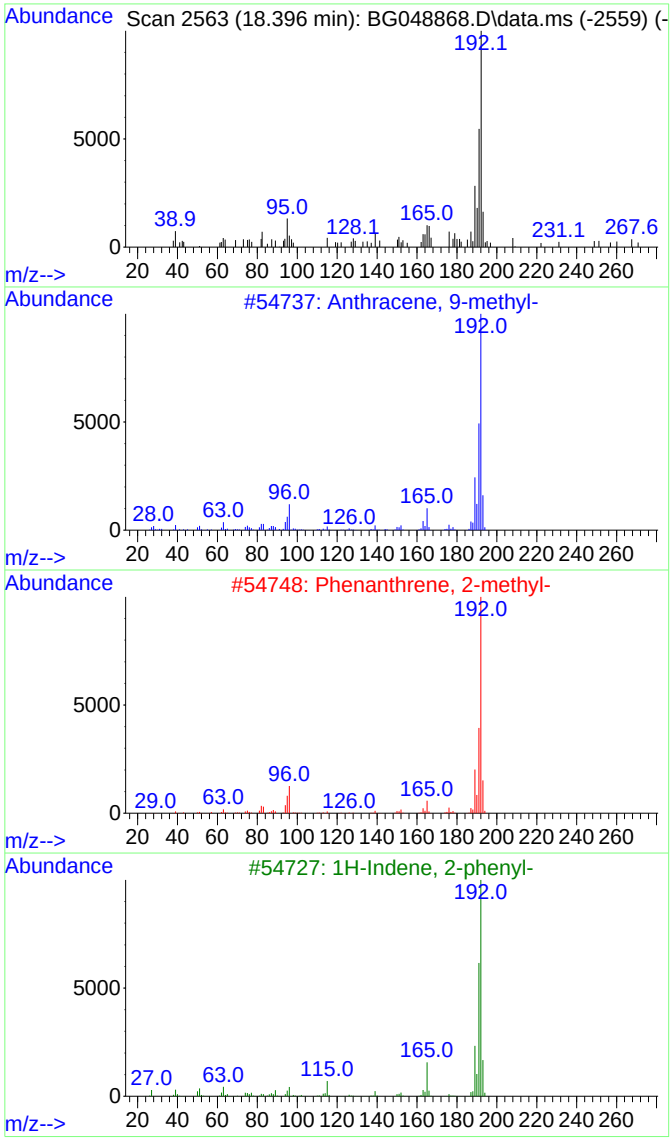
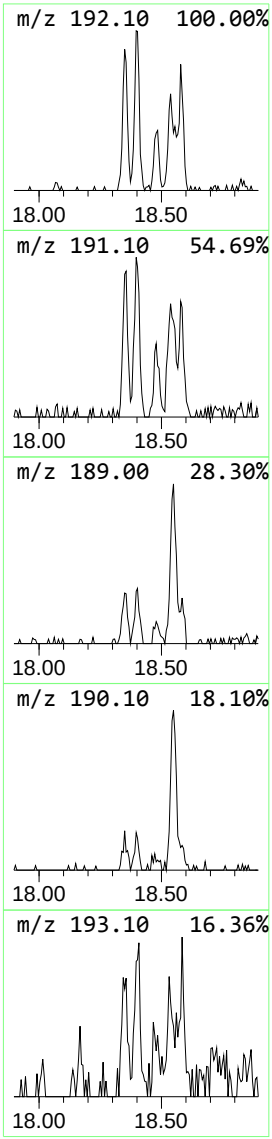
Peak Number 1 Anthracene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.396	2.30 ng	46363	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	76
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048868.D
Acq On : 23 Apr 2021 18:11
Operator : CG/JU
Sample : M2089-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-GF-02-072-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.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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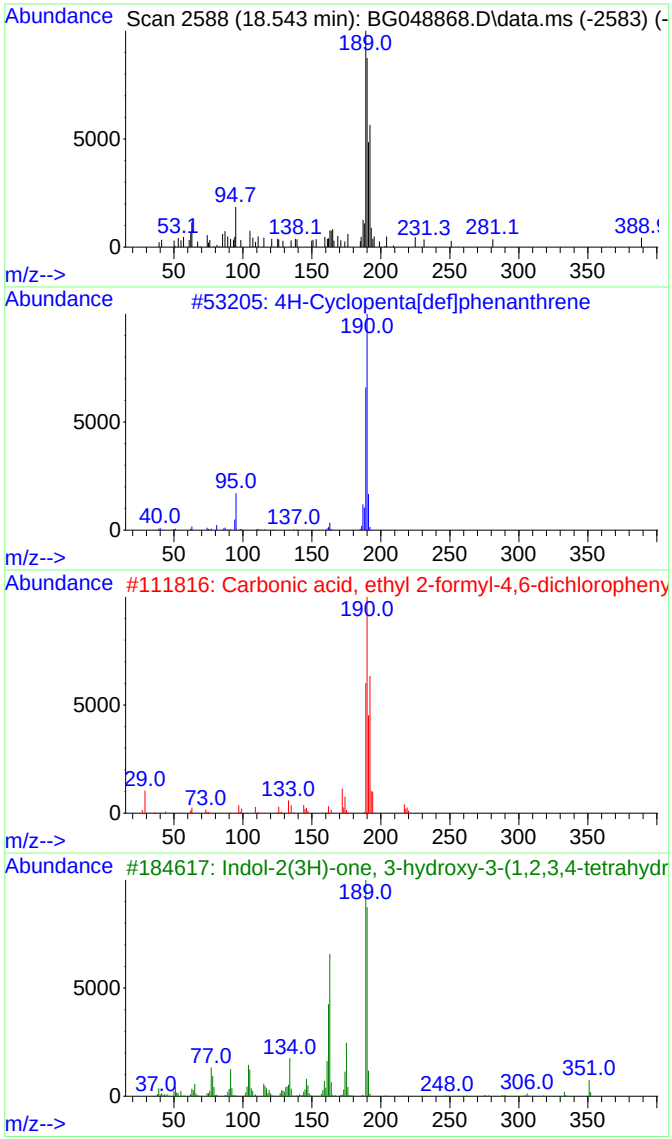
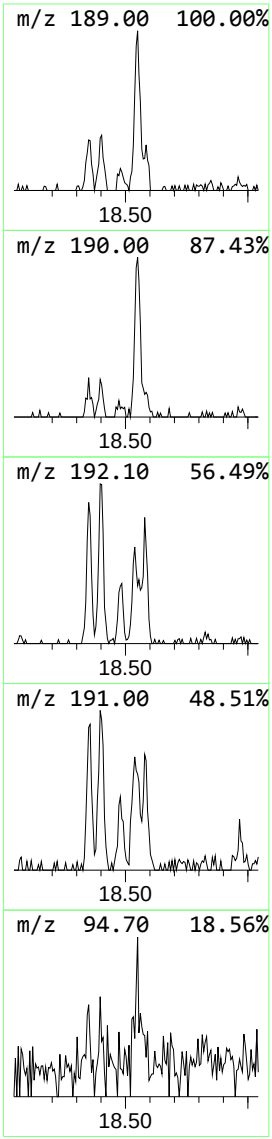
Peak Number 2 unknown18.543 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.543	3.12 ng	62916	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	42
3	Indol-2(3H)-one, 3-hydroxy-3-(1,...	351	C21H21NO4	296244-87-6	37
4	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	27
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27





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Operator : CG/JU
Sample : M2089-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-GF-02-072-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
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TIC Library : C:\Database\NIST11.L
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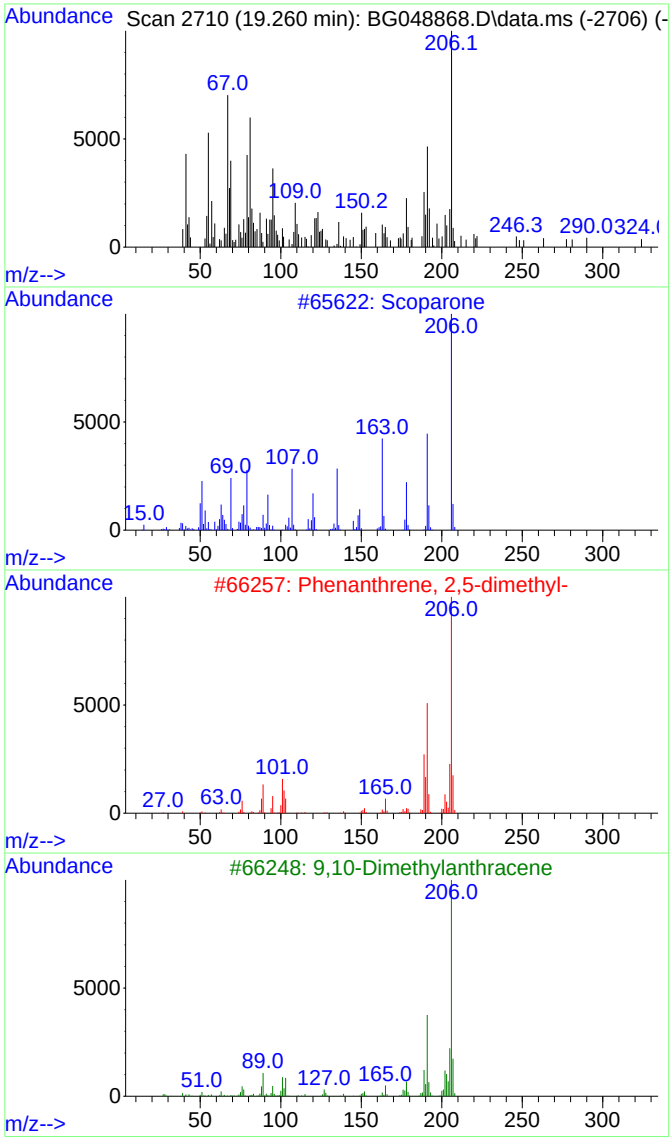
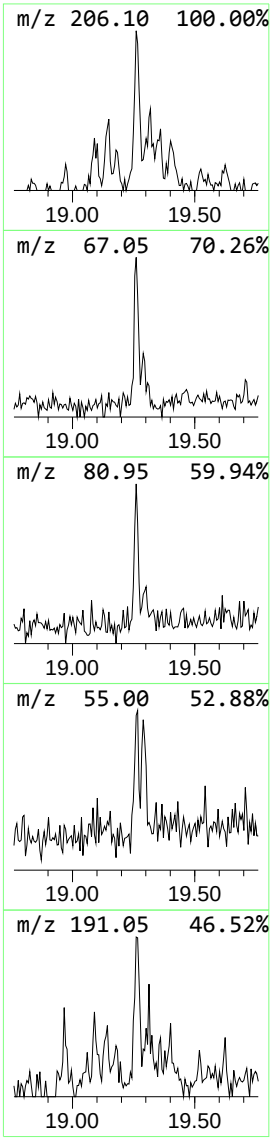
****

Peak Number 3 unknown19.260 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.260	4.03 ng	81121	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Scoparone	206	C11H10O4	000120-08-1	46
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	43
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	43
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	41
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
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Sample : M2089-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-GF-02-072-B

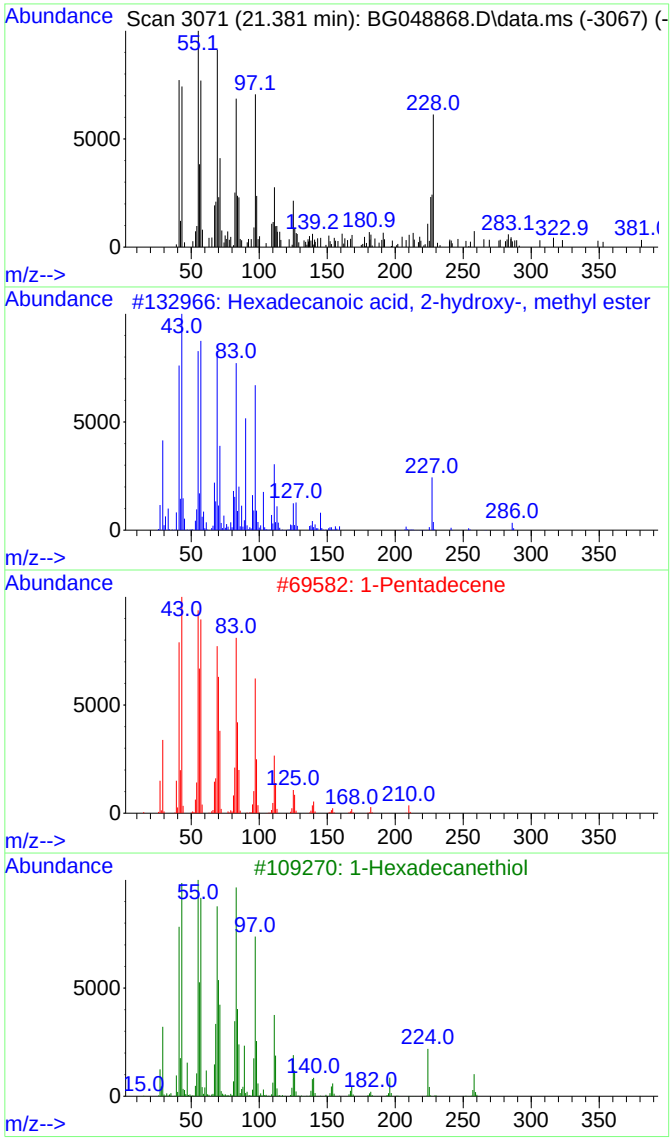
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

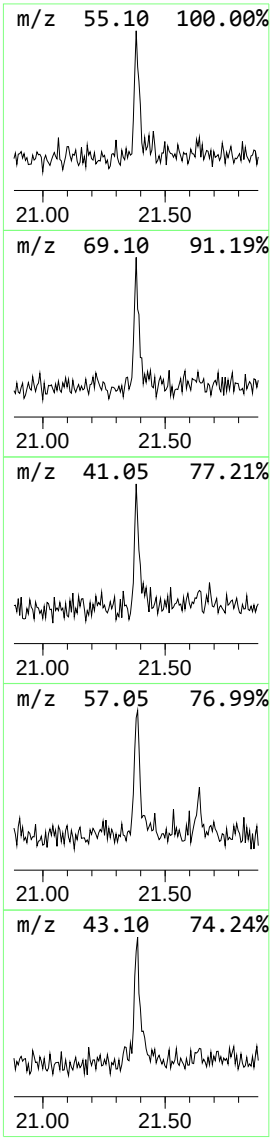
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexadecanoic acid, 2-hydrox... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.381	3.87 ng	98595	Chrysene-d12	21.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	78
2	1-Pentadecene	210	C15H30	013360-61-7	58
3	1-Hexadecanethiol	258	C16H34S	002917-26-2	58
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	53
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	49





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Anthracene, 9-m...	18.396	2.3	ng	46363	4	17.474	402996	20.0
unknown18.543	18.543	3.1	ng	62916	4	17.474	402996	20.0
unknown19.260	19.260	4.0	ng	81121	4	17.474	402996	20.0
Hexadecanoic ac...	21.381	3.9	ng	98595	5	21.769	508926	20.0