LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032522\
Data File : BM034387.D
Acq On : 25 Mar 2022 16:25
Operator : CG/JU
Sample : N2103-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR-200055

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_M\Methods\8270-BM031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM034387.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.495	377	384	393	rBV	2403209	3417568	50.51%	7.451%
2	7.101	649	657	678	rBV	2124040	3454938	51.06%	7.532%
3	7.936	792	799	817	rBV	565107	981132	14.50%	2.139%
4	9.101	990	997	1008	rBV	1338646	2229052	32.94%	4.860%
5	10.754	1269	1278	1284	rBV	674710	1172015	17.32%	2.555%
6	10.801	1284	1286	1295	rVB	48515	71772	1.06%	0.156%
7	13.207	1687	1695	1708	rBV	3260514	4751036	70.21%	10.358%
8	14.307	1876	1882	1894	rBV	61948	141537	2.09%	0.309%
9	14.418	1896	1901	1908	rVB2	42243	73692	1.09%	0.161%
10	14.583	1920	1929	1935	rBV	942272	1431801	21.16%	3.122%
11	14.642	1935	1939	1949	rVB	89986	157580	2.33%	0.344%
12	15.201	2018	2034	2046	rBV4	87390	560976	8.29%	1.223%
13	15.624	2102	2106	2117	rVB	71258	132264	1.95%	0.288%
14	16.065	2175	2181	2189	rBV	2389936	3551842	52.49%	7.743%
15	16.318	2217	2224	2229	rVB5	45574	100648	1.49%	0.219%
16	16.671	2281	2284	2289	rVB3	53249	73007	1.08%	0.159%
17	17.142	2360	2364	2370	rVB2	51543	75600	1.12%	0.165%
18	17.324	2389	2395	2399	rBV	1129374	1617964	23.91%	3.527%
19	17.365	2399	2402	2410	rVV	625020	852657	12.60%	1.859%
20	17.453	2413	2417	2423	rVB	210330	297587	4.40%	0.649%
21	18.218	2541	2547	2550	rBV2	330963	511793	7.56%	1.116%
22	18.400	2573	2578	2582	rBV2	166283	278598	4.12%	0.607%
23	19.377	2740	2744	2750	rVB	1376929	1765132	26.09%	3.848%
24	19.742	2797	2806	2815	rBV	1231099	2068241	30.57%	4.509%
25	19.942	2834	2840	2845	rBV	5542296	6766572	100.00%	14.752%
26	20.236	2887	2890	2895	rVB	211212	278875	4.12%	0.608%
27	20.330	2903	2906	2912	rBV2	169720	282052	4.17%	0.615%
28	21.200	3049	3054	3062	rBV4	998766	1524844	22.53%	3.324%
29	21.406	3086	3089	3093	rVB	448210	477487	7.06%	1.041%
30	21.494	3098	3104	3108	rVV2	1528438	2701234	39.92%	5.889%
31	21.536	3108	3111	3117	rVB	516561	708541	10.47%	1.545%
32	23.177	3386	3390	3396	rBV2	472771	996766	14.73%	2.173%
33	23.812	3494	3498	3507	rVB	414754	768598	11.36%	1.676%
34	23.918	3511	3516	3523	rVB2	826065	1595448	23.58%	3.478%

Sum of corrected areas: 45868849

Instrument :
BNA_M
ClientSampleId :
RBR-200055

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032522\
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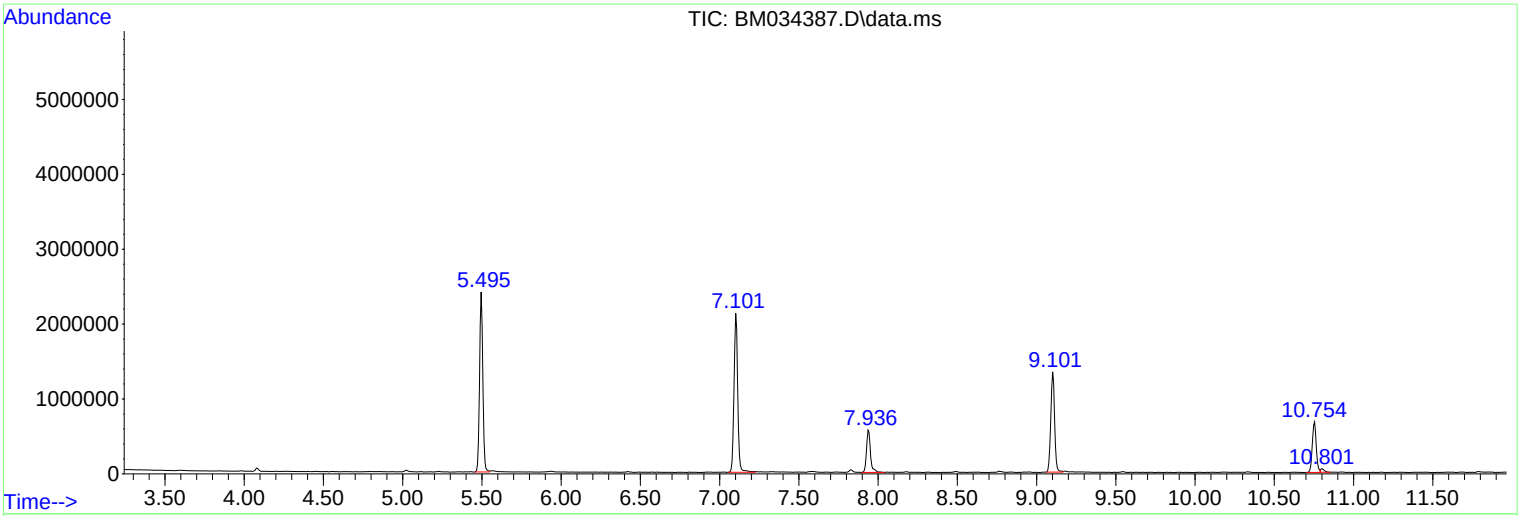
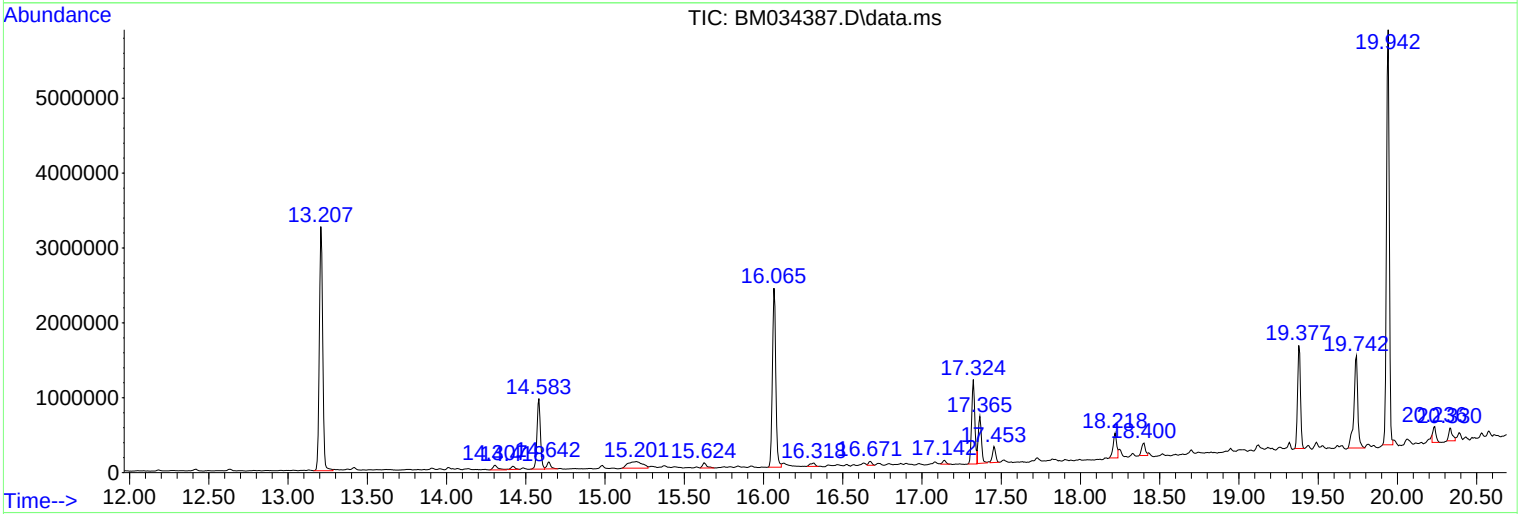
Misc :
ALS Vial : 11 Sample Multiplier: 1

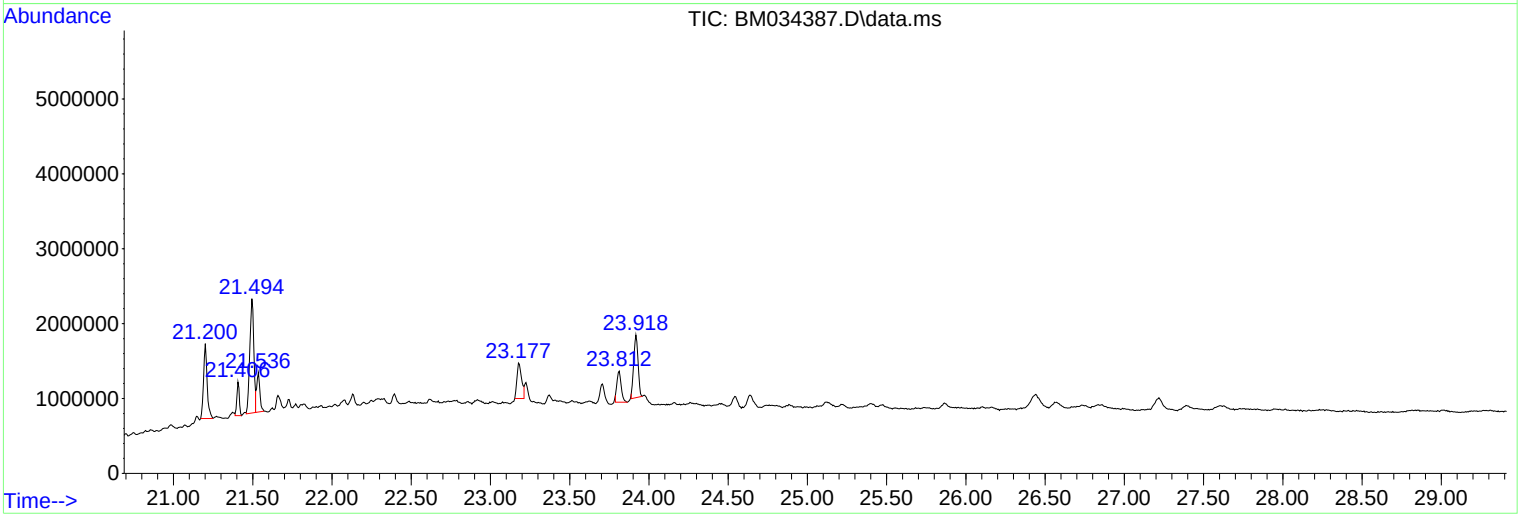
Instrument :
BNA_M
ClientSampleId :
RBR-200055

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.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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Data File : BM034387.D
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RBR-200055

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.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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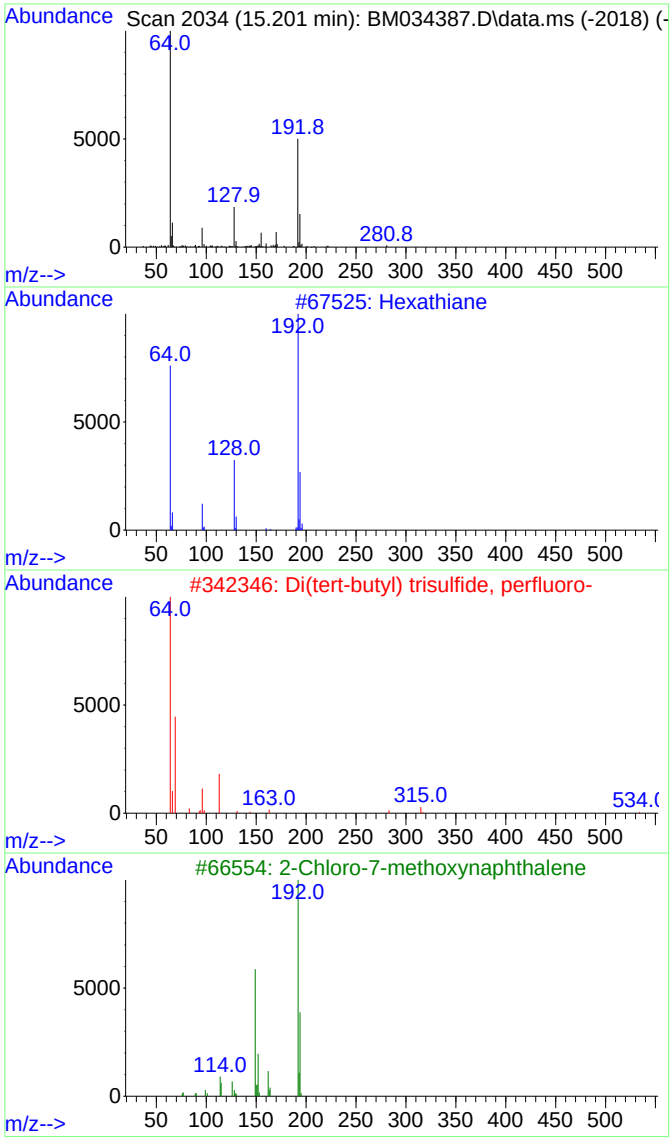
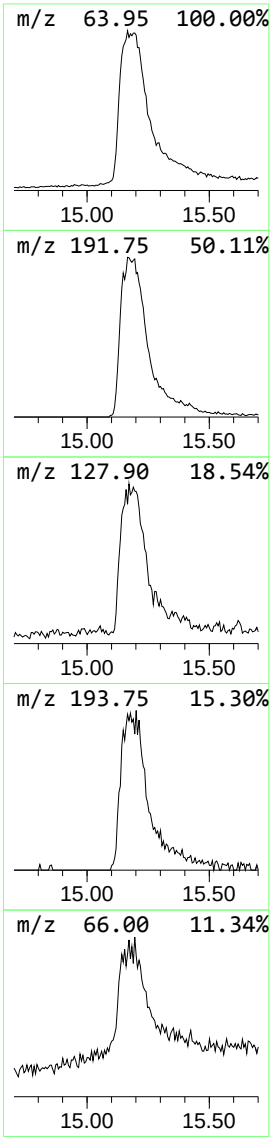
Peak Number 2 Hexathiane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.201	7.84 ng	560976	Acenaphthene-d10	14.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexathiane	192	S6	013798-23-7	91
2	Di(tert-butyl) trisulfide, perfl...	534	C8F18S3	016005-64-4	39
3	2-Chloro-7-methoxynaphthalene	192	C11H9ClO	067061-67-0	33
4	Lycopodane-5,8,12-triol, 15-meth...	281	C16H27NO3	003175-91-5	7
5	Methanesulfonamide, 1-chloro-	129	CH4ClNO2S	021335-43-3	5





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Acq On : 25 Mar 2022 16:25
Operator : CG/JU
Sample : N2103-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RBR-200055

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.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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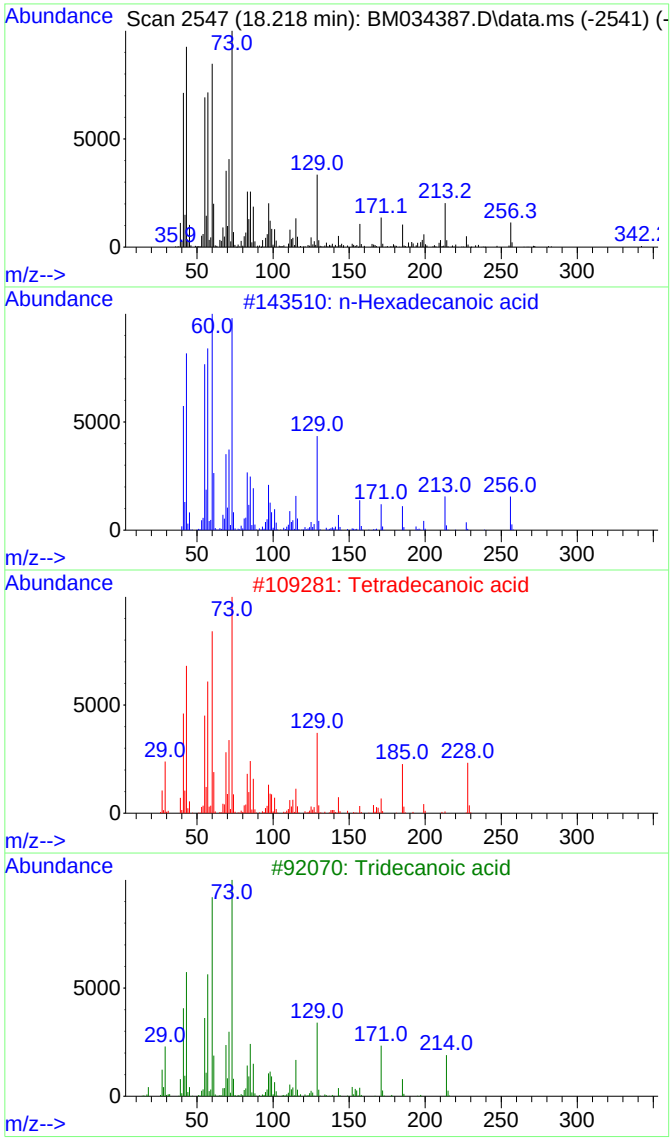
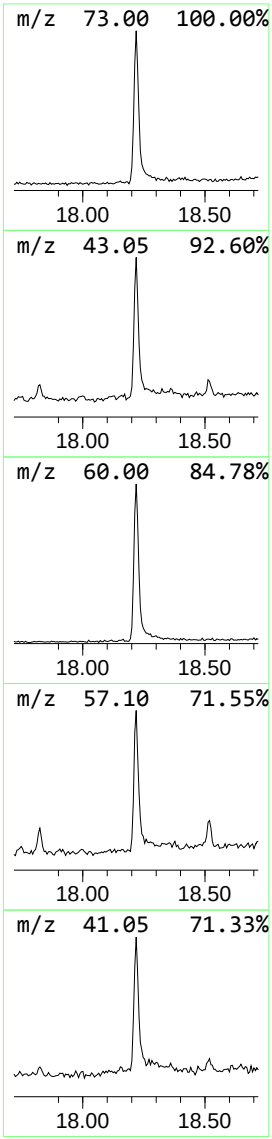
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.218	6.33 ng	511793	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





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Acq On : 25 Mar 2022 16:25
Operator : CG/JU
Sample : N2103-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RBR-200055

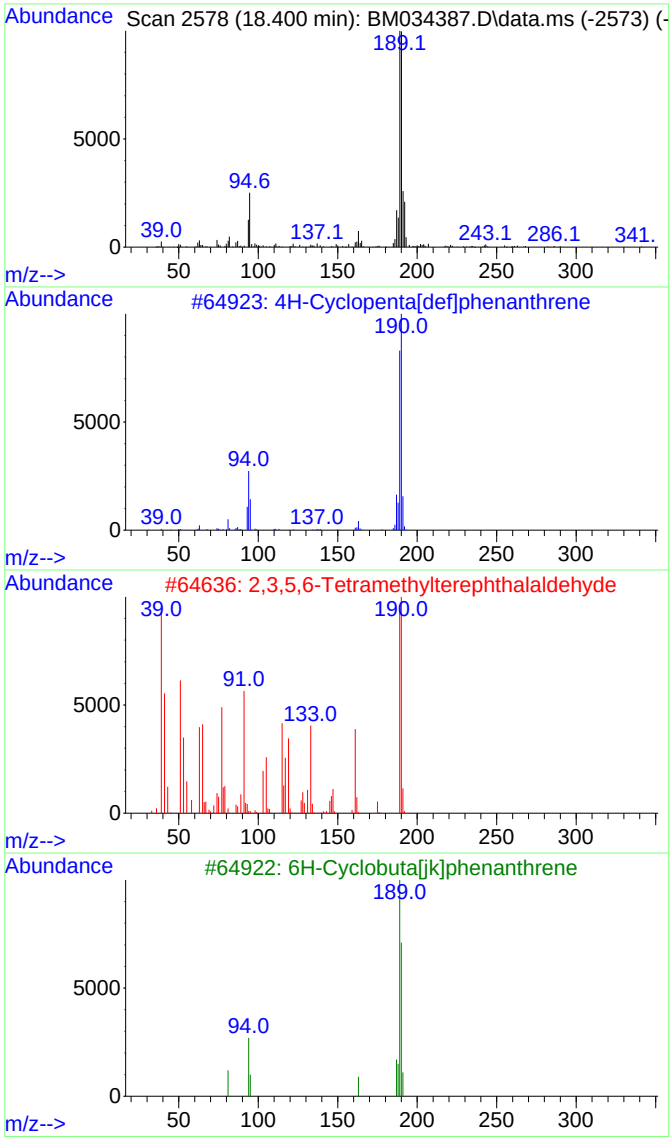
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

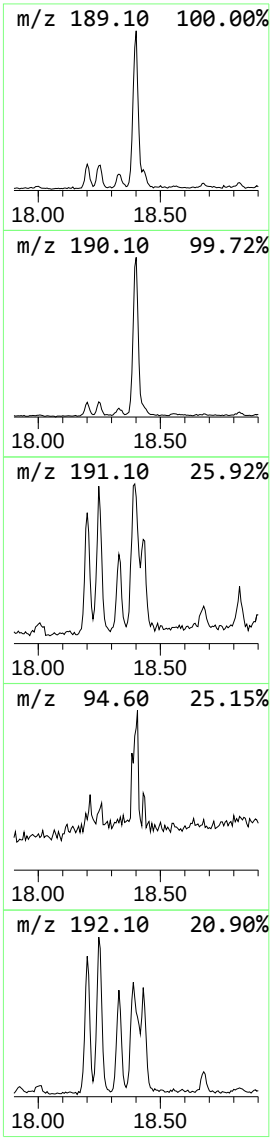
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.401	3.44 ng	278598	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	35





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Data File : BM034387.D
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Sample : N2103-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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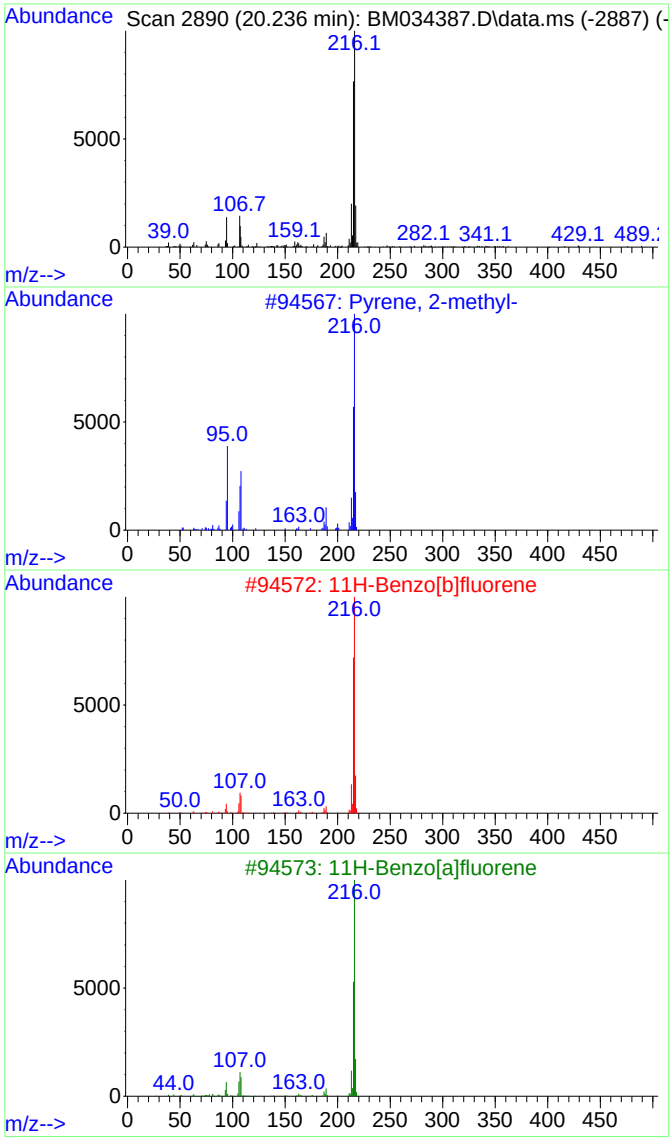
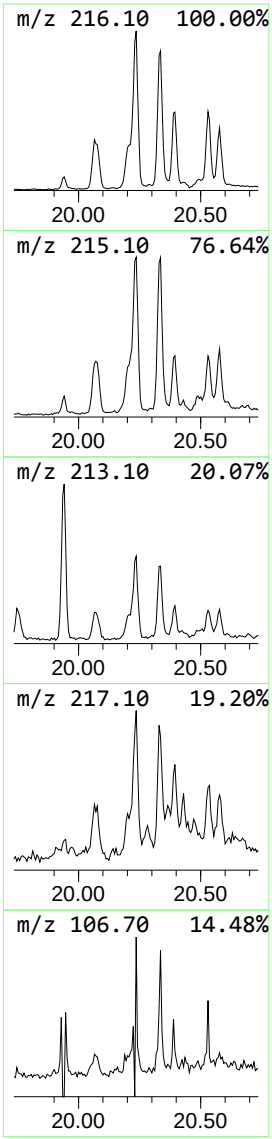
Peak Number 5 Pyrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.236	2.06 ng	278875	Chrysene-d12	21.500

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RBR-200055

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.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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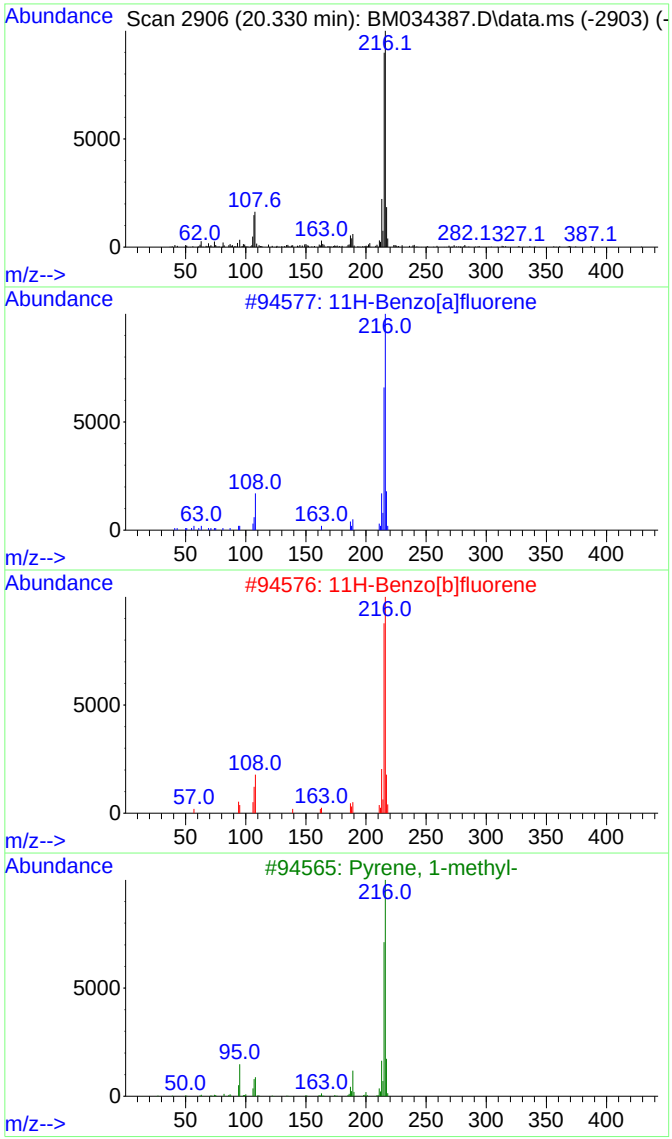
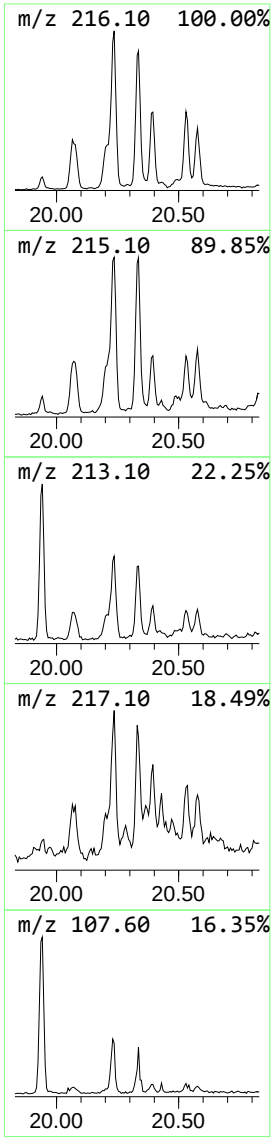
Peak Number 6 11H-Benzo[a]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.330	2.09 ng	282052	Chrysene-d12	21.500

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Operator : CG/JU
Sample : N2103-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.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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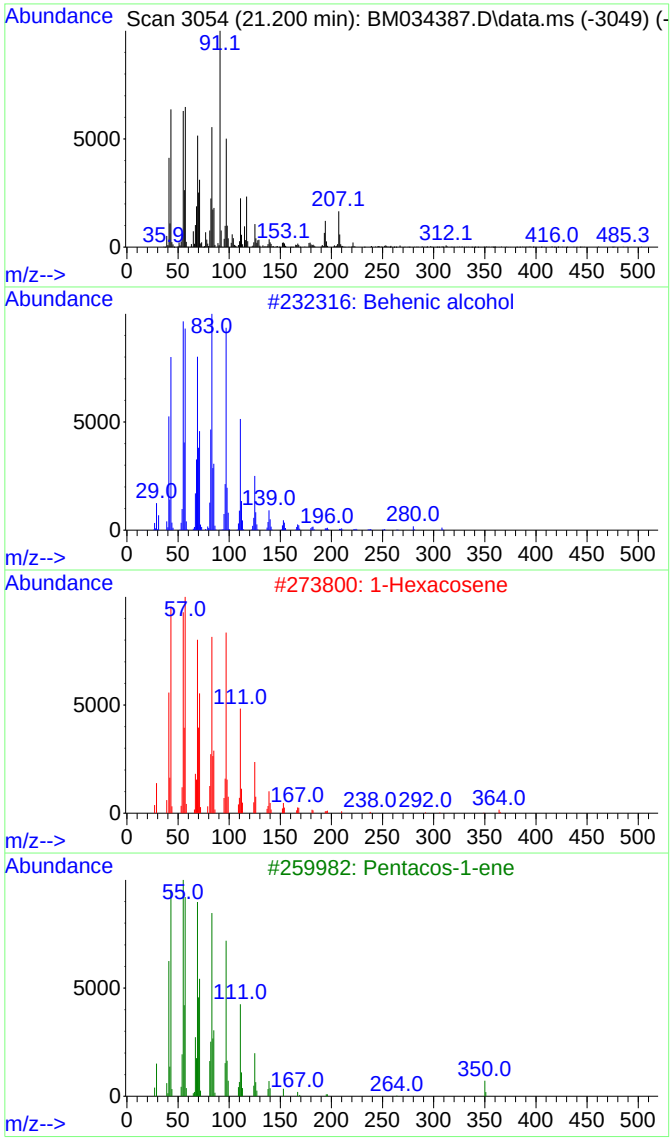
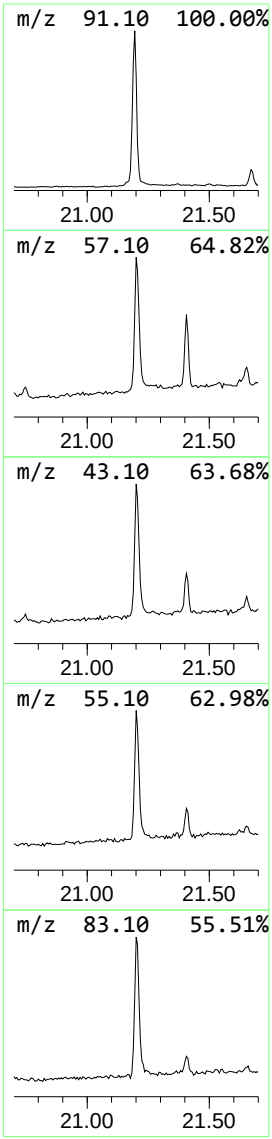
Peak Number 7 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.200	11.29 ng	1524840	Chrysene-d12	21.500

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	89
2	1-Hexacosene	364	C26H52	018835-33-1	89
3	Pentacos-1-ene	350	C25H50	016980-85-1	89
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	76
5	1-Octadecanol	270	C18H38O	000112-92-5	76





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexathiane	15.201	7.8	ng	560976	3	14.583	1431800	20.0
n-Hexadecanoic ...	18.218	6.3	ng	511793	4	17.324	1617960	20.0
4H-Cyclopenta[d...	18.401	3.4	ng	278598	4	17.324	1617960	20.0
Pyrene, 2-methyl-	20.236	2.1	ng	278875	5	21.500	2701230	20.0
11H-Benzo[a]flu...	20.330	2.1	ng	282052	5	21.500	2701230	20.0
Behenic alcohol	21.200	11.3	ng	1524840	5	21.500	2701230	20.0