LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042518.D
Acq On : 31 Oct 2023 19:34
Operator : MA/JU
Sample : 04938-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-2(0-2)

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_M\Methods\8270-BM103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM042518.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.010	306	310	317	rVB	128702	172309	4.95%	0.383%
2	5.463	380	387	401	rBV	1187331	1764488	50.65%	3.923%
3	5.881	452	458	466	rBV2	20269	36580	1.05%	0.081%
4	7.087	656	663	674	rBV	1130344	1796306	51.57%	3.994%
5	7.557	736	743	753	rBV5	15997	45172	1.30%	0.100%
6	7.922	798	805	816	rBV	338178	517156	14.85%	1.150%
7	8.457	891	896	902	rBV	22595	39439	1.13%	0.088%
8	9.122	1001	1009	1016	rBV	702774	1128796	32.41%	2.510%
9	10.739	1277	1284	1289	rBV	383986	635460	18.24%	1.413%
10	10.792	1289	1293	1301	rVB	75976	126878	3.64%	0.282%
11	12.398	1560	1566	1577	rVB2	32264	54610	1.57%	0.121%
12	12.616	1598	1603	1609	rVB	25188	41759	1.20%	0.093%
13	13.192	1695	1701	1708	rBV	1387153	1896569	54.45%	4.217%
14	13.416	1732	1739	1745	rBV3	23857	46531	1.34%	0.103%
15	13.886	1814	1819	1824	rBV2	20588	36535	1.05%	0.081%
16	14.027	1838	1843	1854	rBV2	45633	83035	2.38%	0.185%
17	14.304	1883	1890	1902	rBV	327340	533488	15.32%	1.186%
18	14.569	1929	1935	1943	rVV	518286	782533	22.46%	1.740%
19	14.633	1943	1946	1953	rVB	32666	50116	1.44%	0.111%
20	14.969	1993	2003	2008	rVB3	26453	67012	1.92%	0.149%
21	15.163	2032	2036	2042	rBV3	25733	48974	1.41%	0.109%
22	15.439	2078	2083	2089	rBV2	42508	63211	1.81%	0.141%
23	15.621	2108	2114	2125	rVB	57220	130655	3.75%	0.290%
24	15.739	2125	2134	2143	rBV	15528	47351	1.36%	0.105%
25	15.821	2143	2148	2152	rBV4	20333	37859	1.09%	0.084%
26	16.063	2179	2189	2200	rBV	1351686	1884909	54.11%	4.191%
27	16.386	2240	2244	2251	rBV5	19048	42481	1.22%	0.094%
28	16.615	2275	2283	2287	rBV3	32628	72590	2.08%	0.161%
29	16.674	2287	2293	2298	rBV6	24050	47874	1.37%	0.106%
30	16.898	2324	2331	2336	rVB2	22004	46689	1.34%	0.104%
31	16.986	2338	2346	2351	rBV5	34635	91296	2.62%	0.203%
32	17.057	2356	2358	2363	rVB2	32983	38090	1.09%	0.085%
33	17.139	2368	2372	2375	rBV	52672	77583	2.23%	0.172%
34	17.174	2375	2378	2385	rVB	36525	50603	1.45%	0.113%
35	17.239	2385	2389	2395	rBV2	29963	43427	1.25%	0.097%
36	17.321	2397	2403	2407	rBV	666607	924627	26.54%	2.056%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042518.D
Acq On : 31 Oct 2023 19:34
Operator : MA/JU
Sample : 04938-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-2(0-2)

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_M\Methods\8270-BM103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.362	2407	2410	2419	rVB	698076	938902	26.95%	2.087%
38	17.457	2420	2426	2432	rBV	301111	440691	12.65%	0.980%
39	17.745	2465	2475	2479	rBV2	60167	119991	3.44%	0.267%
40	17.833	2487	2490	2497	rVB	40633	57553	1.65%	0.128%
41	17.898	2497	2501	2507	rBV2	56489	95812	2.75%	0.213%
42	18.057	2522	2528	2532	rVB3	53874	114621	3.29%	0.255%
43	18.121	2535	2539	2543	rBV2	42293	53337	1.53%	0.119%
44	18.180	2543	2549	2555	rBV2	833336	1276209	36.64%	2.837%
45	18.239	2556	2559	2568	rVV	198716	311903	8.95%	0.693%
46	18.321	2569	2573	2579	rVV	96301	133349	3.83%	0.296%
47	18.392	2579	2585	2588	rVV2	271319	485214	13.93%	1.079%
48	18.421	2588	2590	2597	rVB2	108810	157198	4.51%	0.350%
49	18.586	2615	2618	2624	rVB2	29014	39422	1.13%	0.088%
50	18.698	2631	2637	2641	rBV	94131	156920	4.50%	0.349%
51	18.757	2642	2647	2653	rVB2	67294	123551	3.55%	0.275%
52	18.845	2659	2662	2668	rBV5	31469	56200	1.61%	0.125%
53	18.904	2669	2672	2674	rBV	30899	36637	1.05%	0.081%
54	18.980	2682	2685	2688	rVB	54025	60634	1.74%	0.135%
55	19.021	2689	2692	2697	rVB2	48363	63613	1.83%	0.141%
56	19.104	2701	2706	2710	rBV	136457	208327	5.98%	0.463%
57	19.156	2711	2715	2716	rBV3	48252	64630	1.86%	0.144%
58	19.262	2726	2733	2739	rBV4	131395	295491	8.48%	0.657%
59	19.315	2739	2742	2744	rVV2	116063	141579	4.06%	0.315%
60	19.380	2747	2753	2758	rVV	2136767	2708680	77.76%	6.022%
61	19.456	2761	2766	2773	rVV3	350819	587035	16.85%	1.305%
62	19.527	2774	2778	2783	rVB	250435	333511	9.57%	0.742%
63	19.633	2792	2796	2797	rBV	59071	79834	2.29%	0.177%
64	19.704	2803	2808	2811	rBV2	216219	340040	9.76%	0.756%
65	19.745	2811	2815	2822	rVV	2232835	2868674	82.35%	6.378%
66	19.803	2822	2825	2829	rVB2	94398	137609	3.95%	0.306%
67	19.939	2841	2848	2855	rBV	2183380	2698568	77.47%	6.000%
68	20.056	2864	2868	2876	rVB4	170675	394226	11.32%	0.876%
69	20.198	2888	2892	2894	rBV3	144979	234609	6.74%	0.522%
70	20.233	2895	2898	2904	rVB	347736	457838	13.14%	1.018%
71	20.333	2911	2915	2918	rBV	253628	300661	8.63%	0.668%
72	20.392	2922	2925	2928	rVB	205430	237100	6.81%	0.527%
73	20.533	2945	2949	2953	rBV	199157	246978	7.09%	0.549%
74	20.574	2953	2956	2964	rVB	194771	271174	7.78%	0.603%
75	21.150	3050	3054	3055	rBV2	318083	382239	10.97%	0.850%
76	21.227	3063	3067	3072	rBV2	192270	274362	7.88%	0.610%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042518.D
Acq On : 31 Oct 2023 19:34
Operator : MA/JU
Sample : 04938-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-2(0-2)

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_M\Methods\8270-BM103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.492	3107	3112	3118	rBV2	1599679	3483358	100.00%	7.745%
78	21.545	3118	3121	3125	rVB	1188853	1392842	39.99%	3.097%
79	21.727	3149	3152	3161	rVB4	222767	378615	10.87%	0.842%
80	22.050	3203	3207	3209	rBV	447915	557768	16.01%	1.240%
81	23.086	3379	3383	3389	rVB2	317654	496485	14.25%	1.104%
82	23.180	3393	3399	3405	rBV	988375	2539235	72.90%	5.646%
83	23.368	3427	3431	3437	rVB	271874	467152	13.41%	1.039%
84	23.709	3484	3489	3500	rVB	725594	1459124	41.89%	3.244%
85	23.821	3502	3508	3514	rVB	936482	1809370	51.94%	4.023%
86	23.927	3521	3526	3530	rBV	503229	905795	26.00%	2.014%

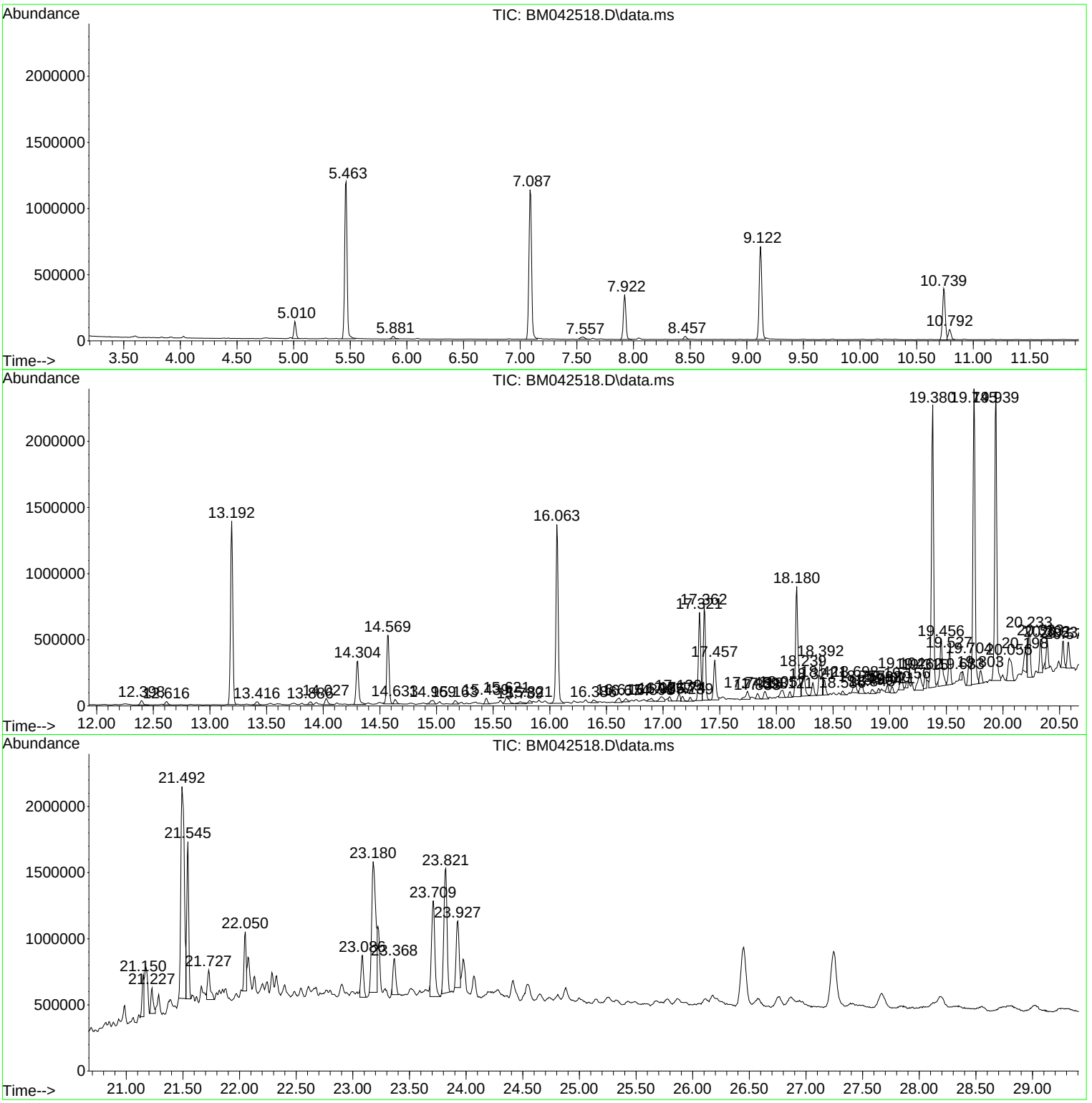
Sum of corrected areas: 44977657

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042518.D
Acq On : 31 Oct 2023 19:34
Operator : MA/JU
Sample : 04938-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-2(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042518.D
Acq On : 31 Oct 2023 19:34
Operator : MA/JU
Sample : 04938-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-2(0-2)

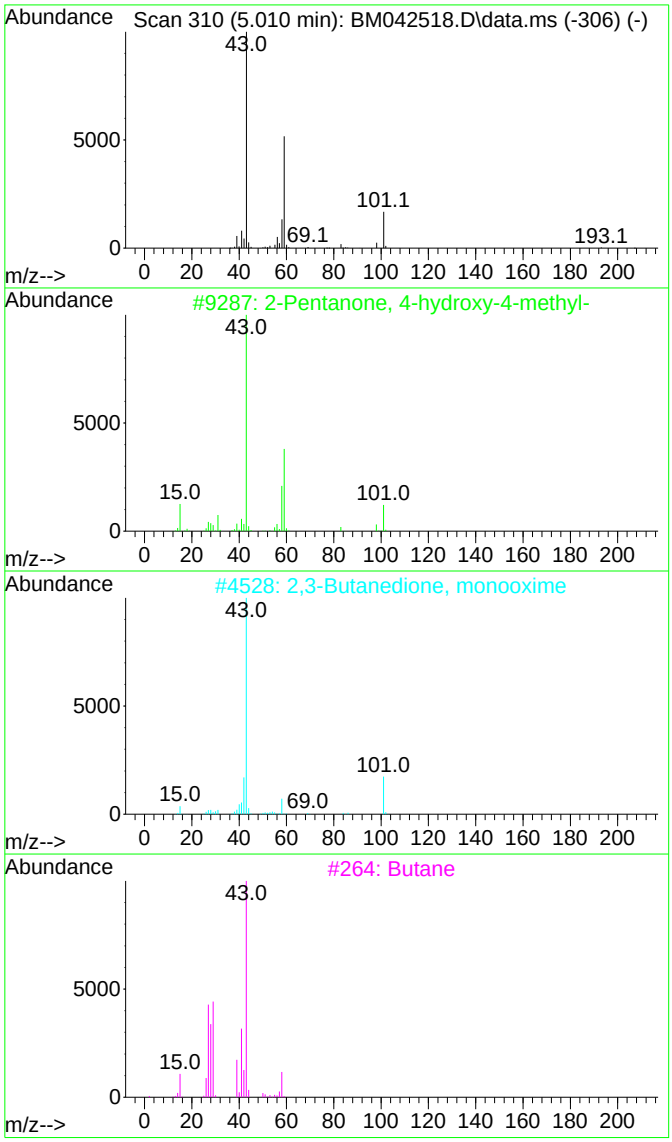
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

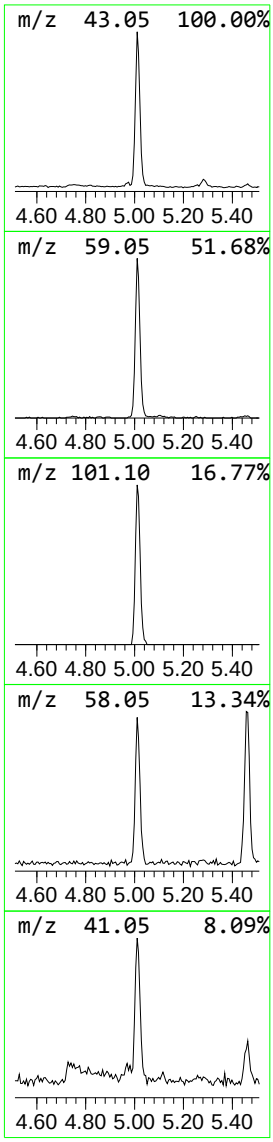
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.010	6.66 ng	172309	1,4-Dichlorobenzene-d4	7.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	Butane	58	C4H10	000106-97-8	9
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042518.D
Acq On : 31 Oct 2023 19:34
Operator : MA/JU
Sample : 04938-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-2(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

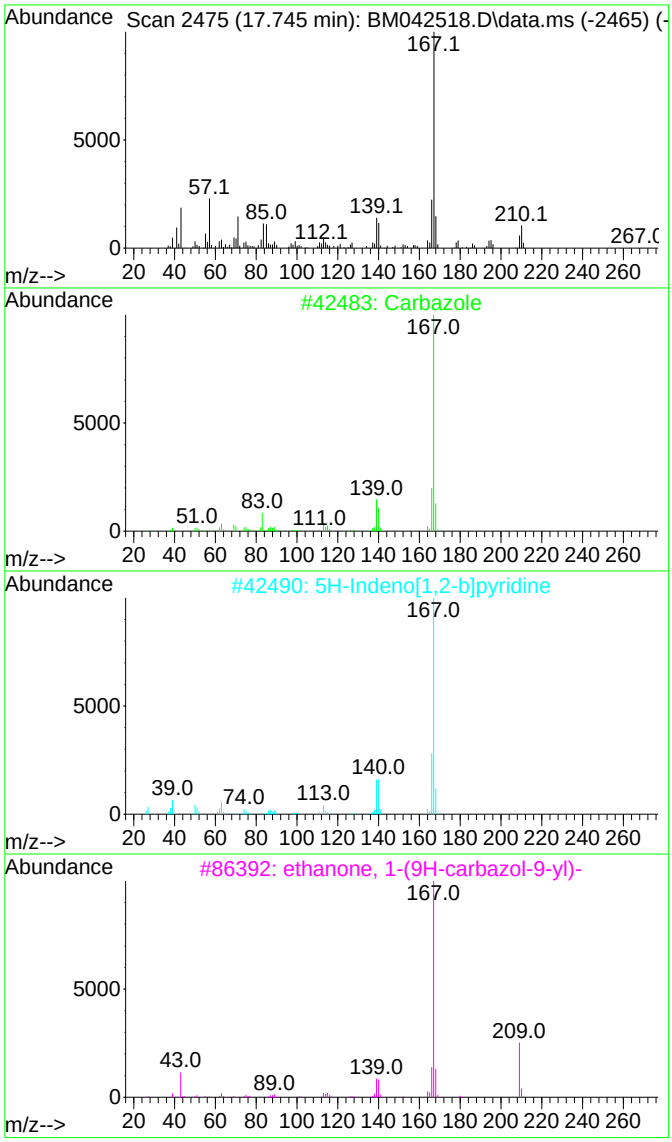
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

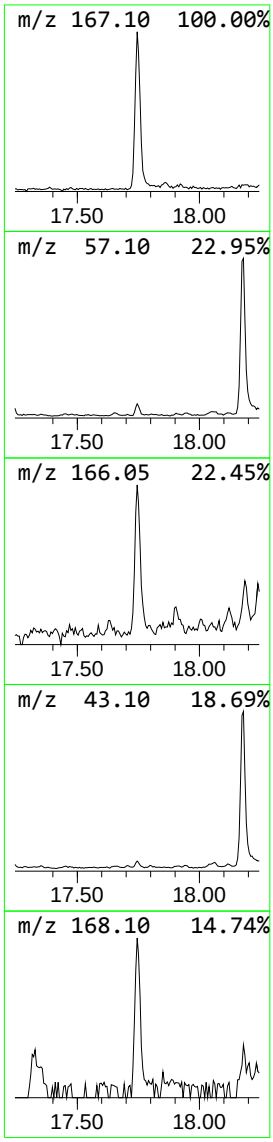
****

Peak Number 2 5H-Indeno[1,2-b]pyridine Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.745	2.60 ng	119991	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	90
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	81
3	ethanone, 1-(9H-carbazol-9-yl)-	209	C14H11NO	1000400-59-5	76
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	74
5	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042518.D
Acq On : 31 Oct 2023 19:34
Operator : MA/JU
Sample : 04938-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-2(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

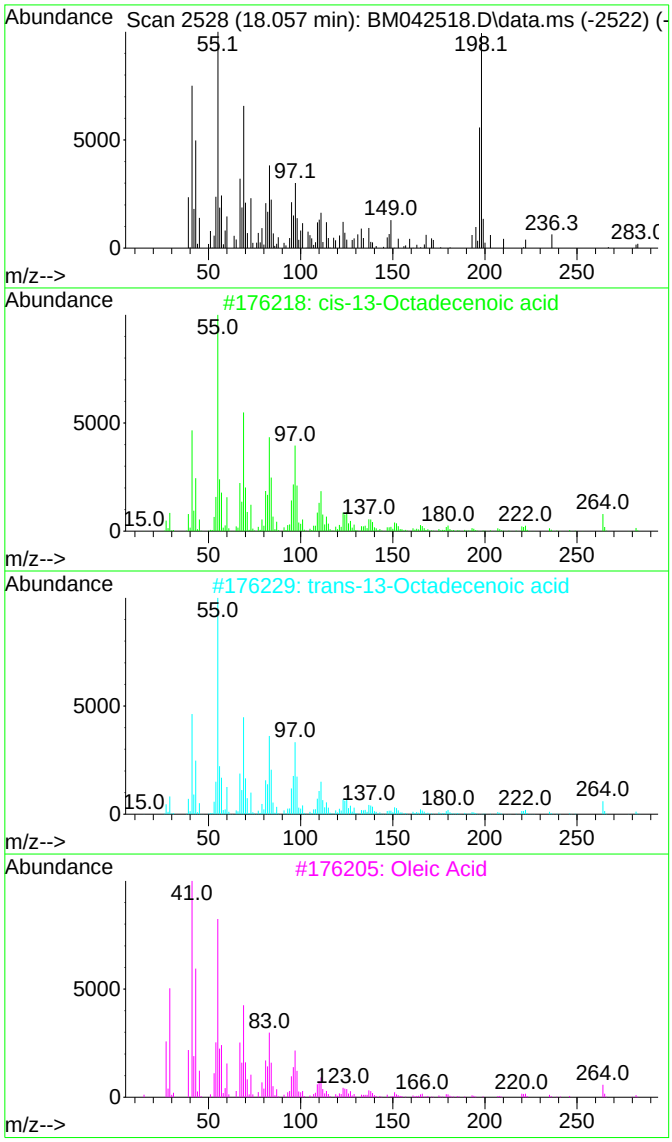
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

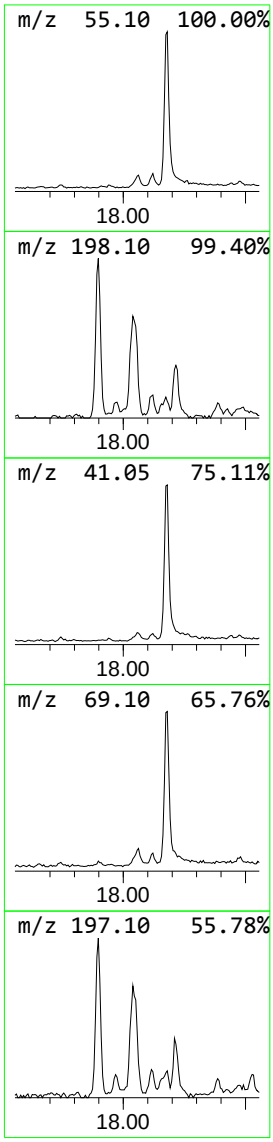
****

Peak Number 3 cis-13-Octadecenoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.057	2.48 ng	114621	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	80
2	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	60
3	Oleic Acid	282	C18H34O2	000112-80-1	55
4	cis-Vaccenic acid	282	C18H34O2	000506-17-2	47
5	Tacrine	198	C13H14N2	000321-64-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
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Acq On : 31 Oct 2023 19:34
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Sample : 04938-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-2(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

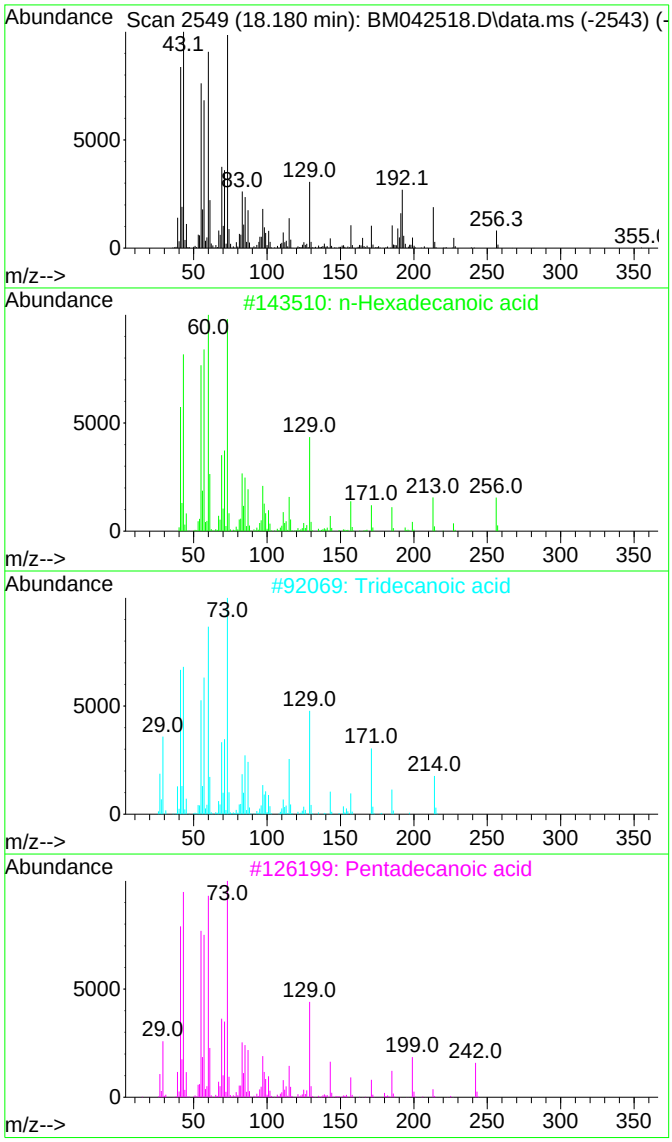
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

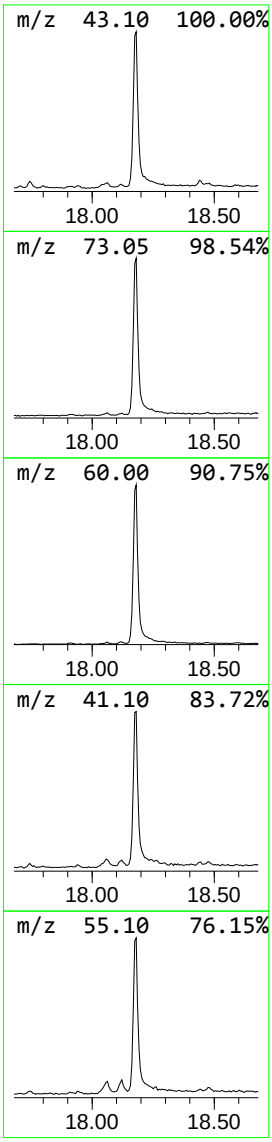
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	27.60 ng	1276210	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042518.D
Acq On : 31 Oct 2023 19:34
Operator : MA/JU
Sample : 04938-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-2(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

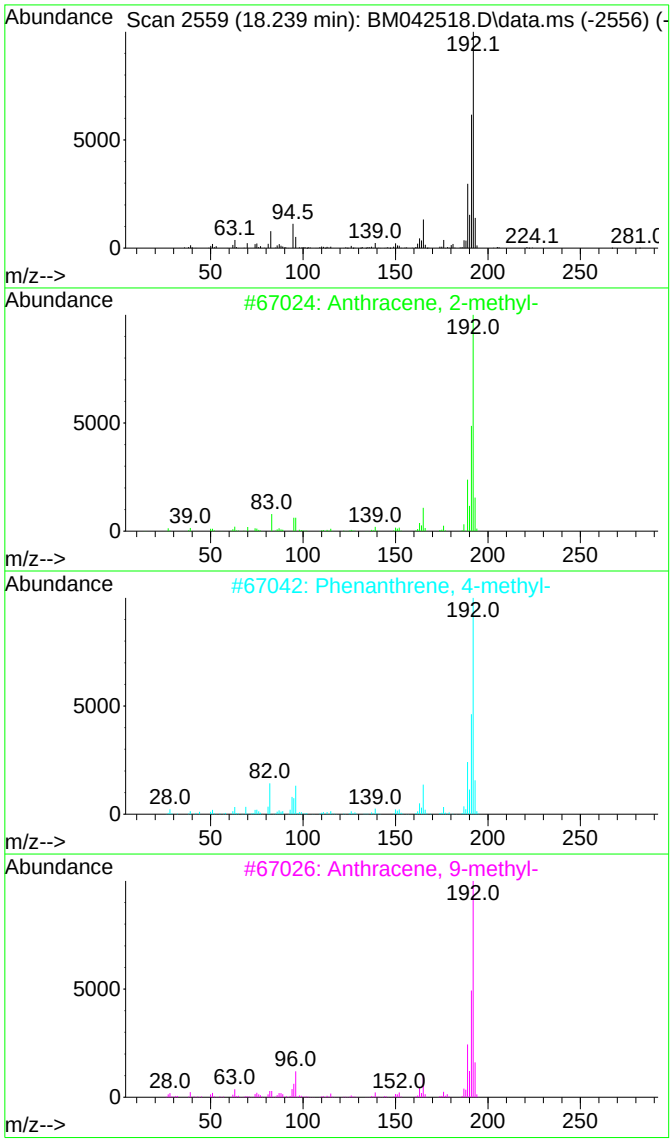
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

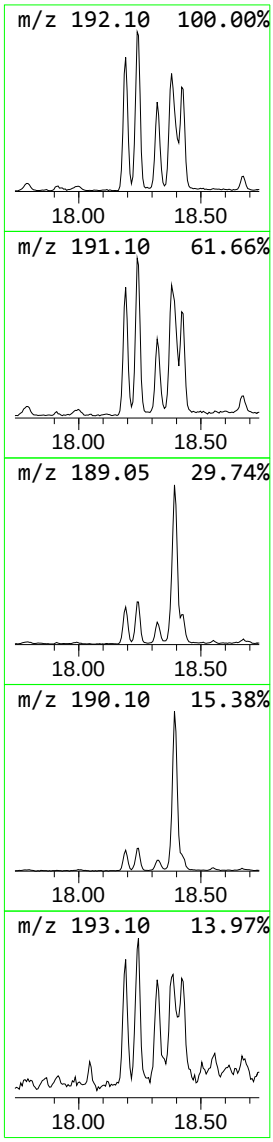
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	6.75 ng	311903	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042518.D
Acq On : 31 Oct 2023 19:34
Operator : MA/JU
Sample : 04938-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-2(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

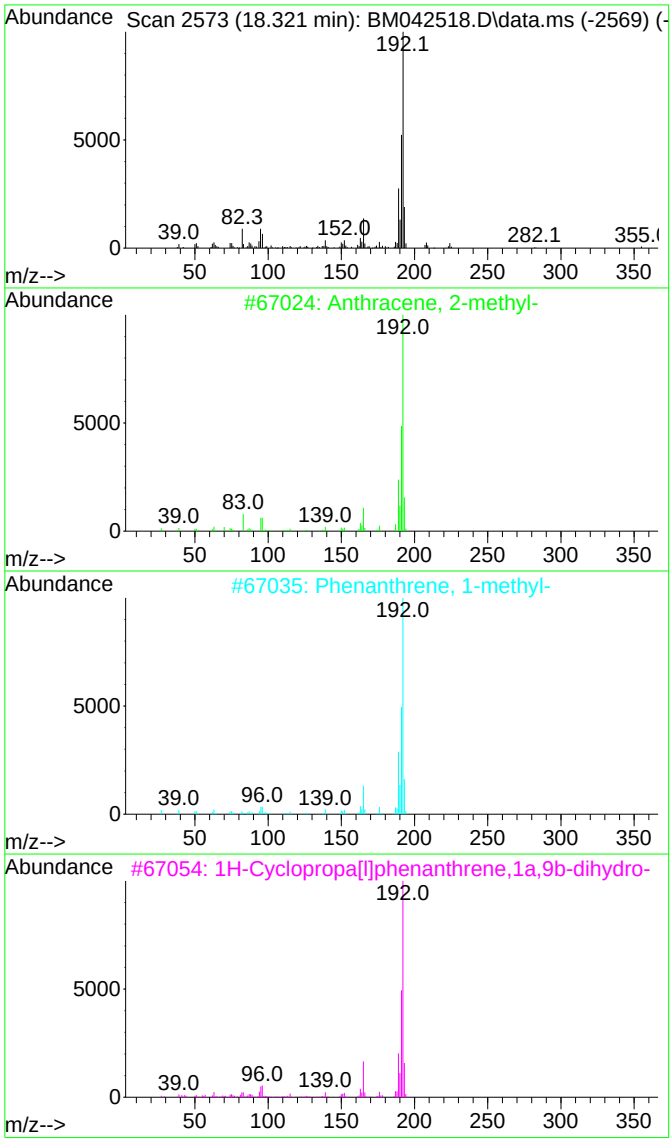
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

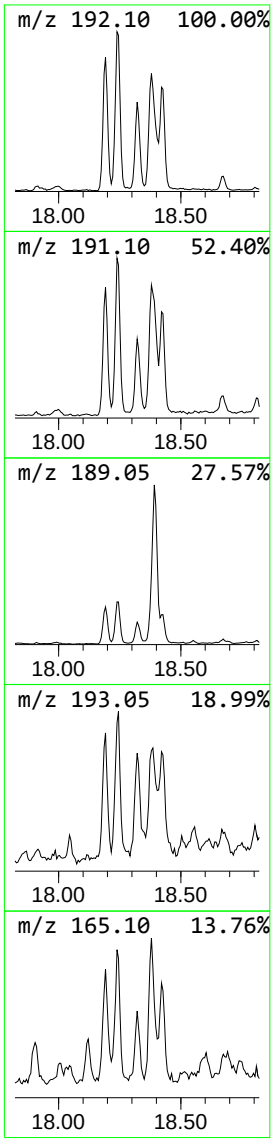
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.321	2.88 ng	133349	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Acq On : 31 Oct 2023 19:34
Operator : MA/JU
Sample : 04938-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
A-2(0-2)

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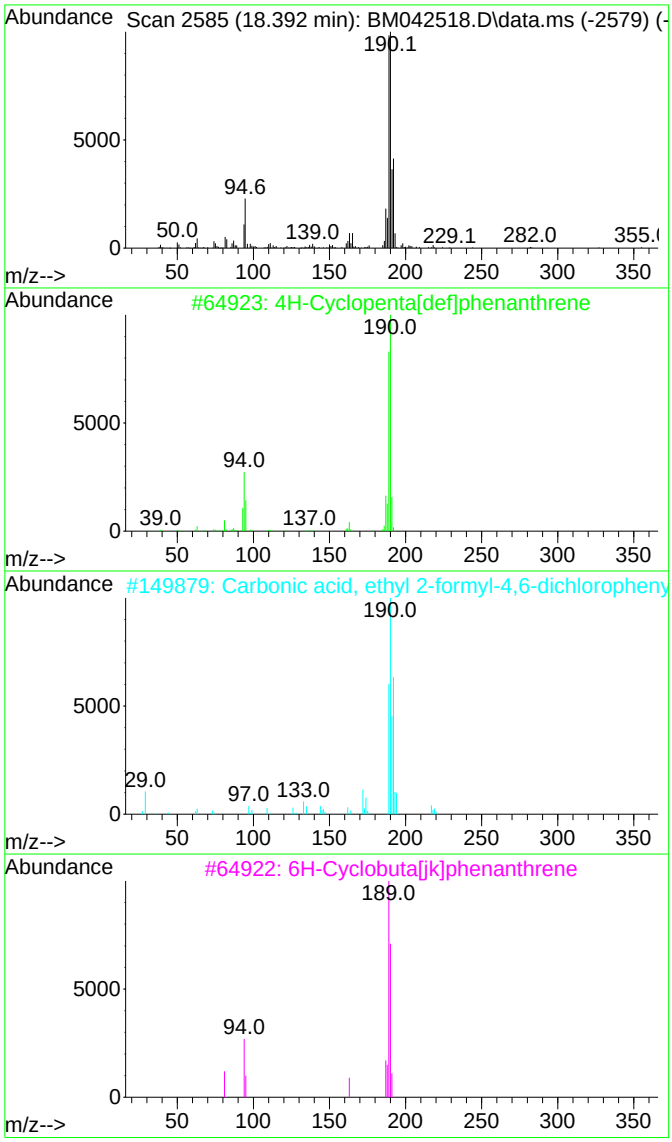
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

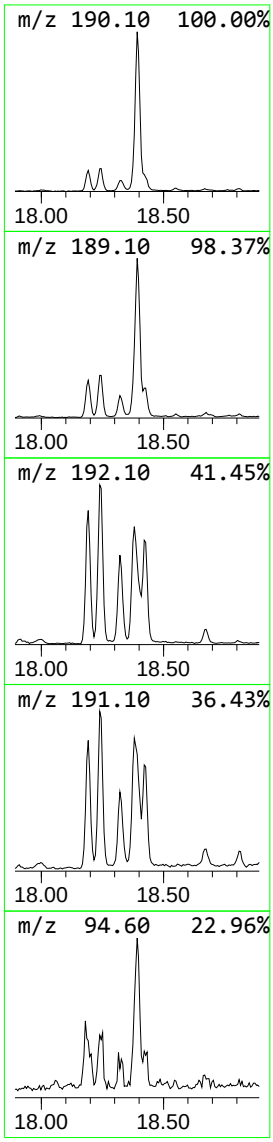
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.392	10.50 ng	485214	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	38
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





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Misc :
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ClientSampleId :
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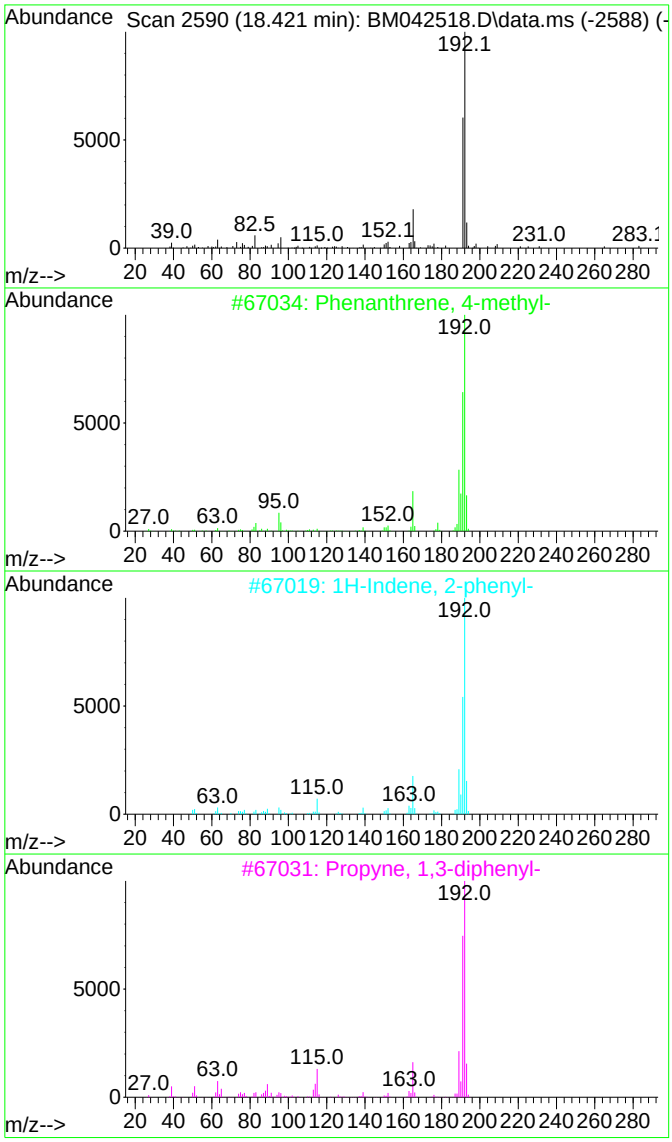
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

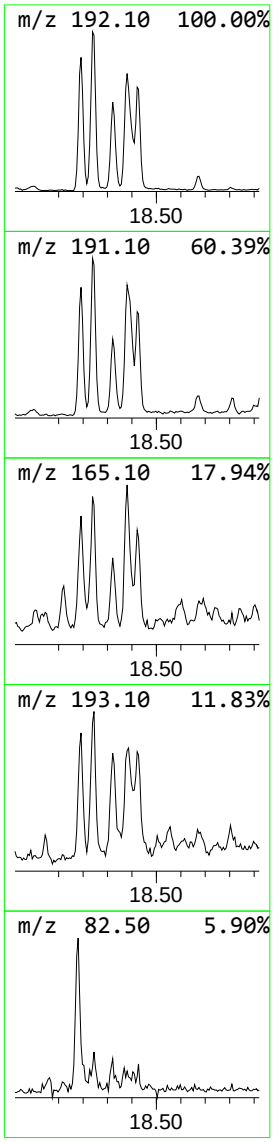
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.421	3.40 ng	157198	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86





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Sample : 04938-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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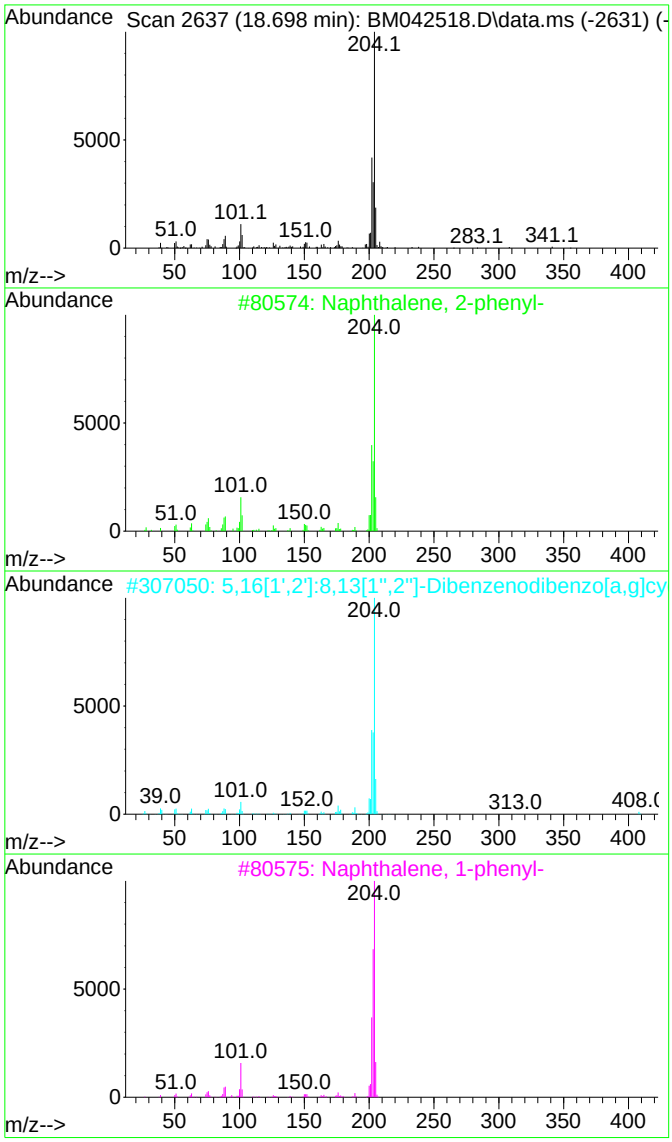
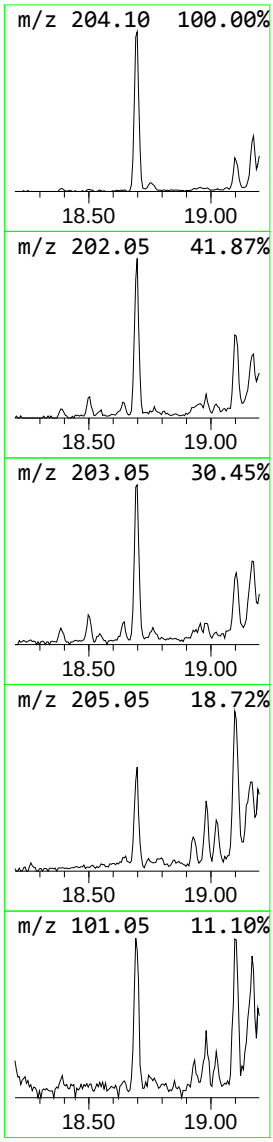
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.698	3.39 ng	156920	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	68
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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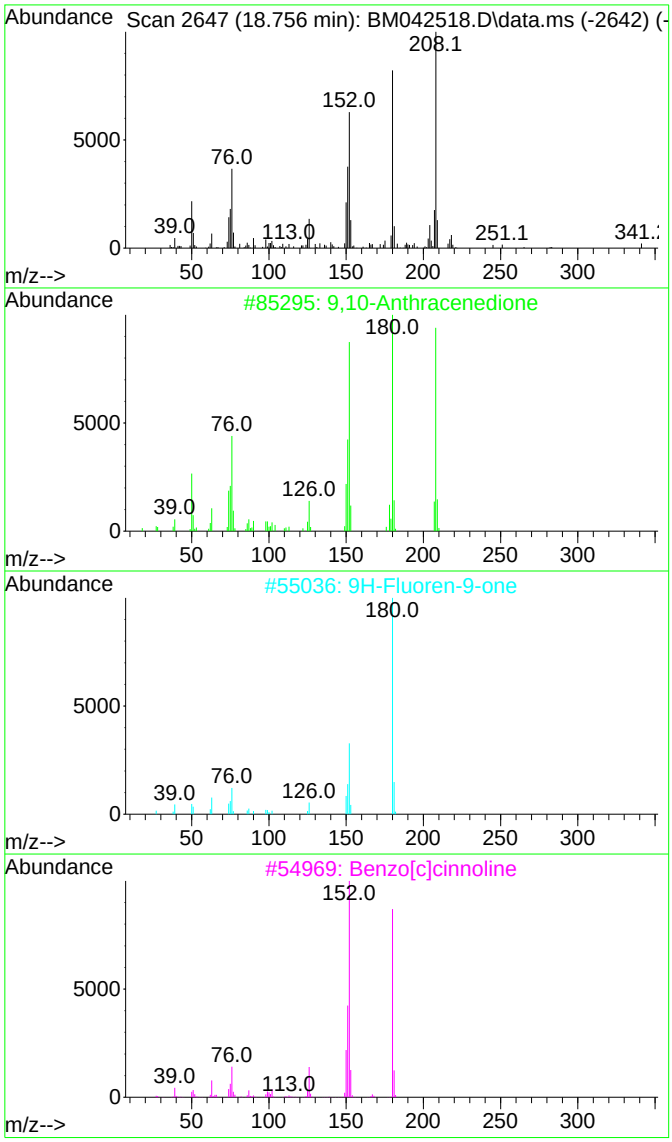
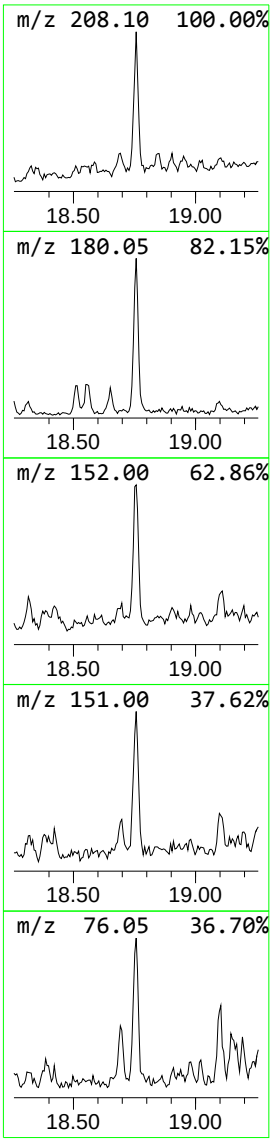
Peak Number 10 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.756	2.67 ng	123551	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	49
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	43
5	1,3-Benzenedicarboxaldehyde, 2,4...	180	C9H8O4	010209-57-1	38





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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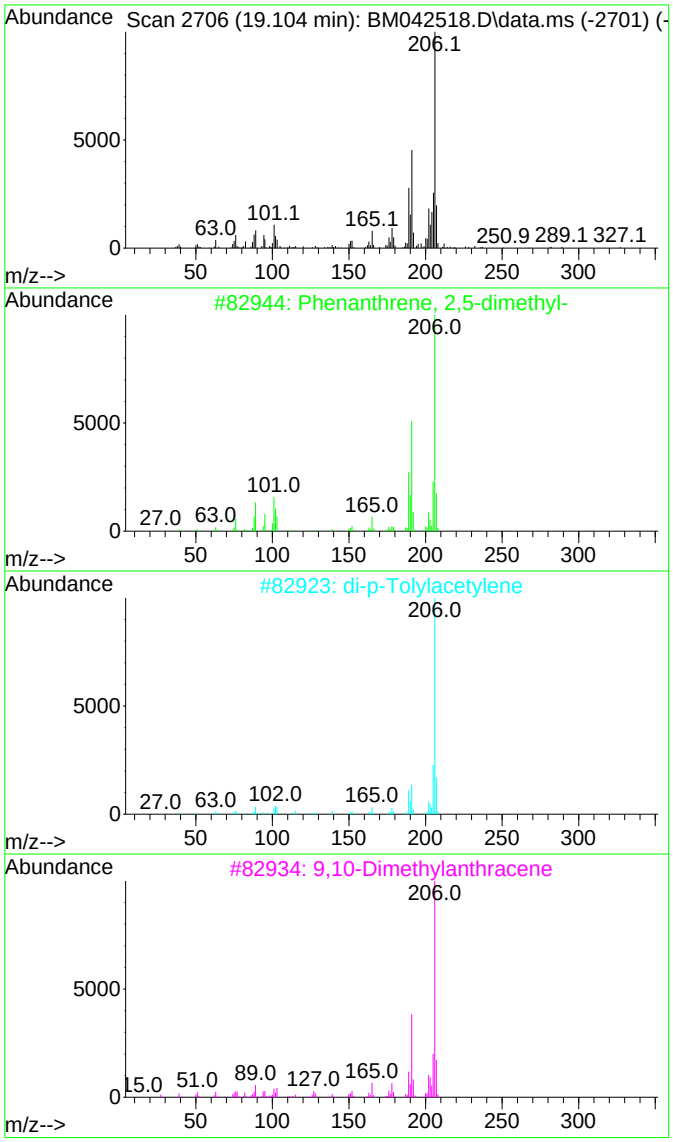
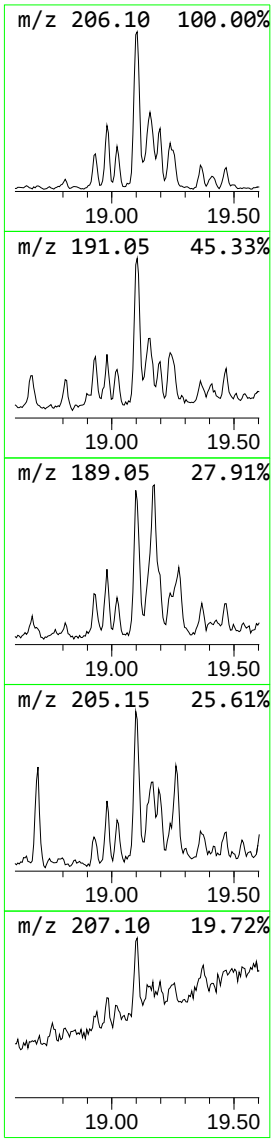
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.104	4.51 ng	208327	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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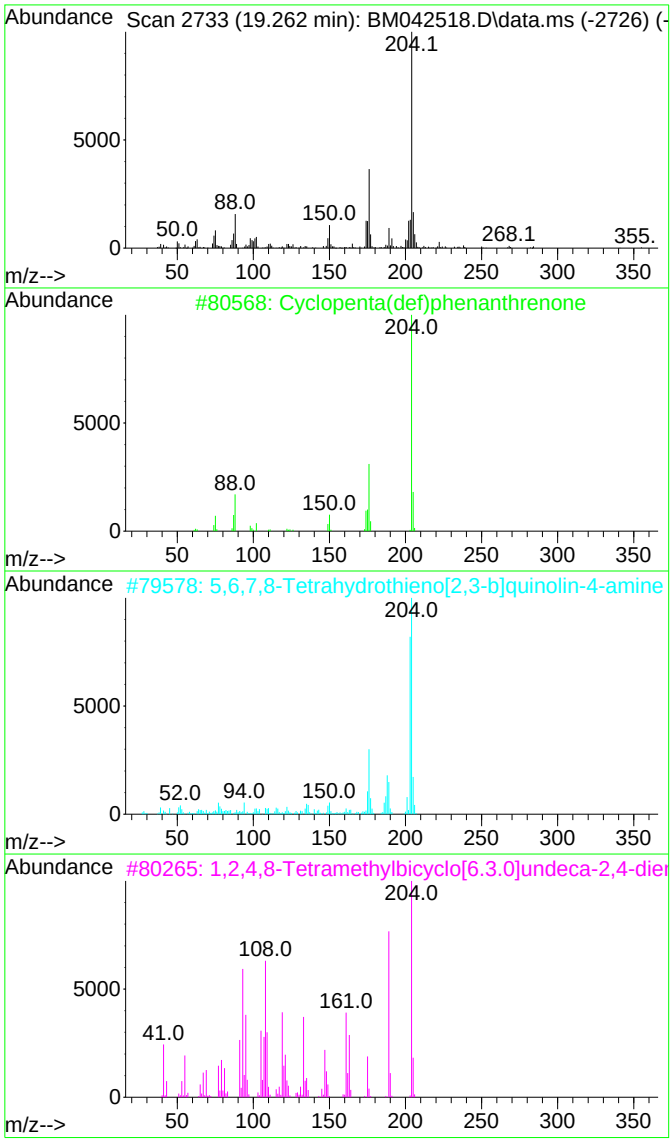
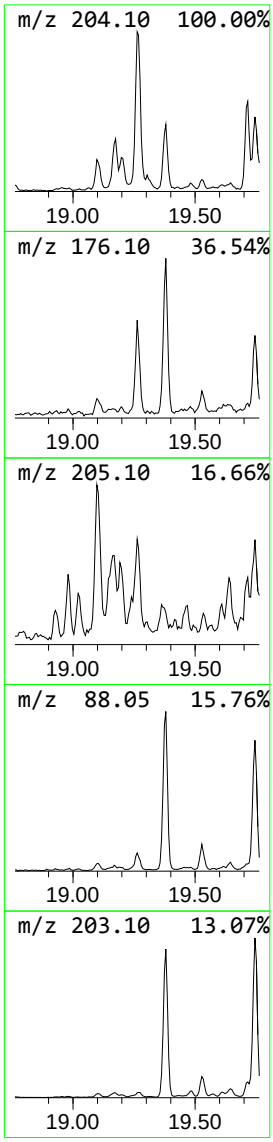
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.262	6.39 ng	295491	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	64
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	60
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
5	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	50





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Misc :
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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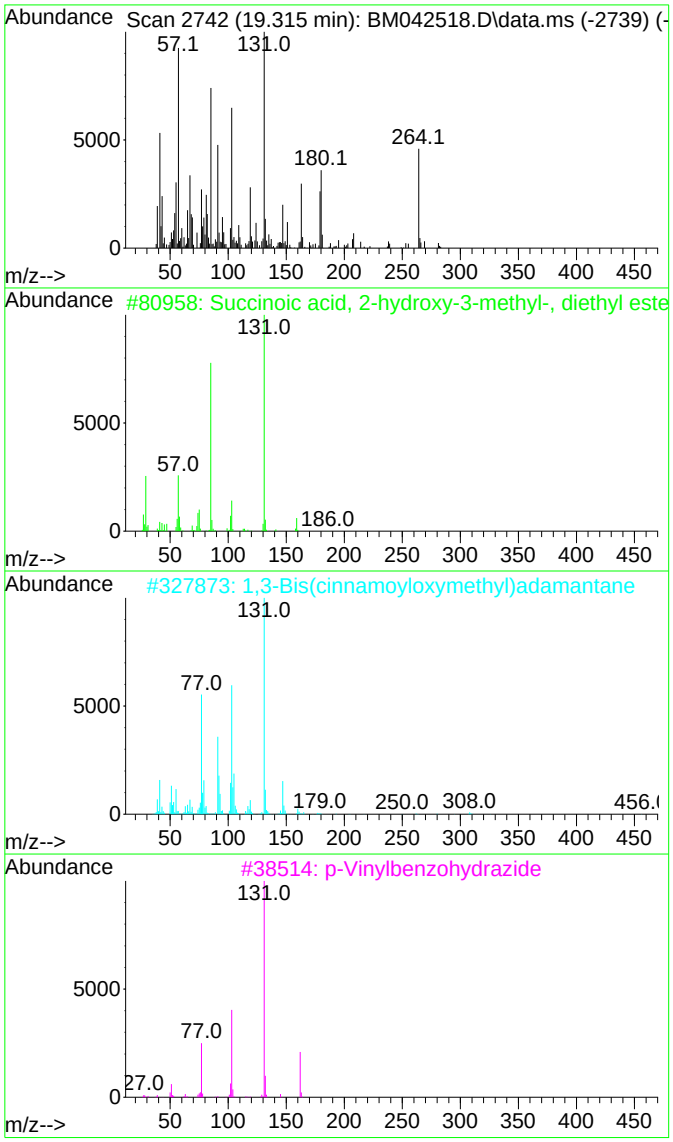
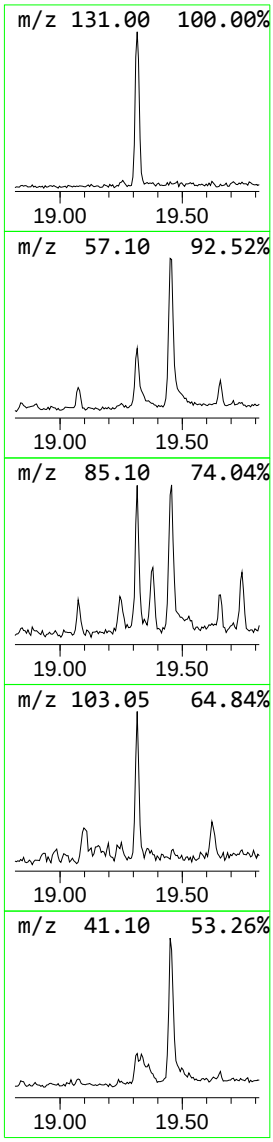
Peak Number 13 unknown19.315 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.315	3.06 ng	141579	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Succinoic acid, 2-hydroxy-3-meth...	204	C9H16O5	1000196-85-6	38
2	1,3-Bis(cinnamoyloxymethyl)adama...	456	C30H32O4	303797-58-2	27
3	p-Vinylbenzohydrazide	162	C9H10N2O	1000244-74-9	22
4	2,2'-Biphenylene dicinnamate	446	C30H22O4	300799-15-9	22
5	Butanoic acid, 2-methyl-, propyl...	144	C8H16O2	037064-20-3	22





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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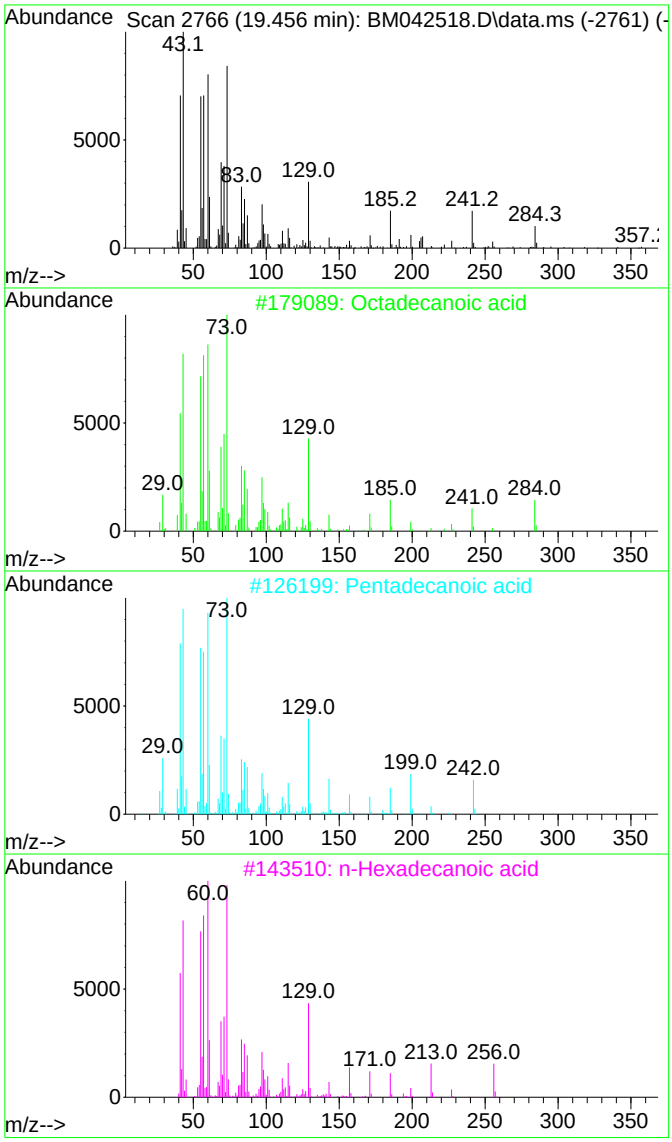
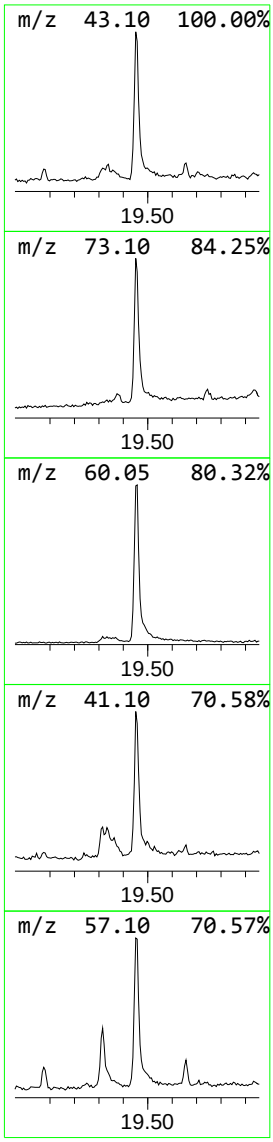
Peak Number 14 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.456	3.37 ng	587035	Chrysene-d12	21.503

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	52





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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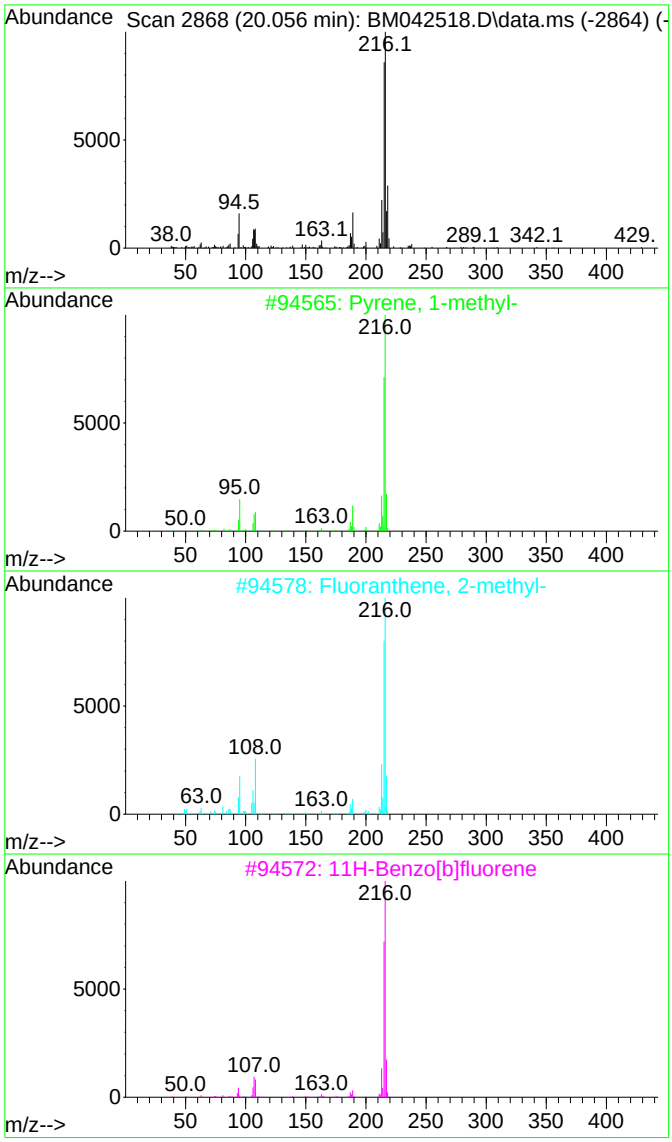
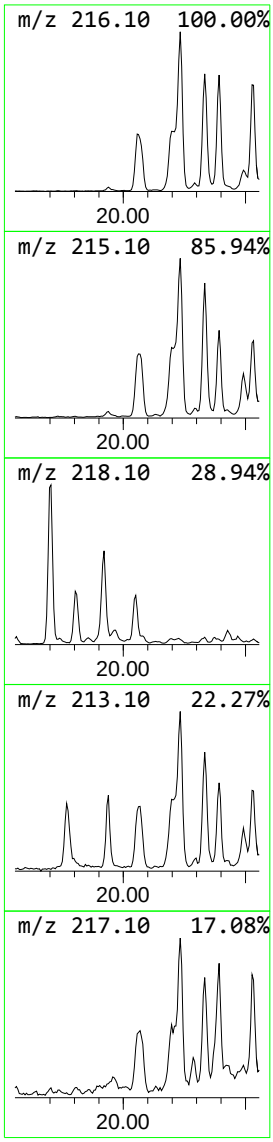
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.056	2.26 ng	394226	Chrysene-d12	21.503

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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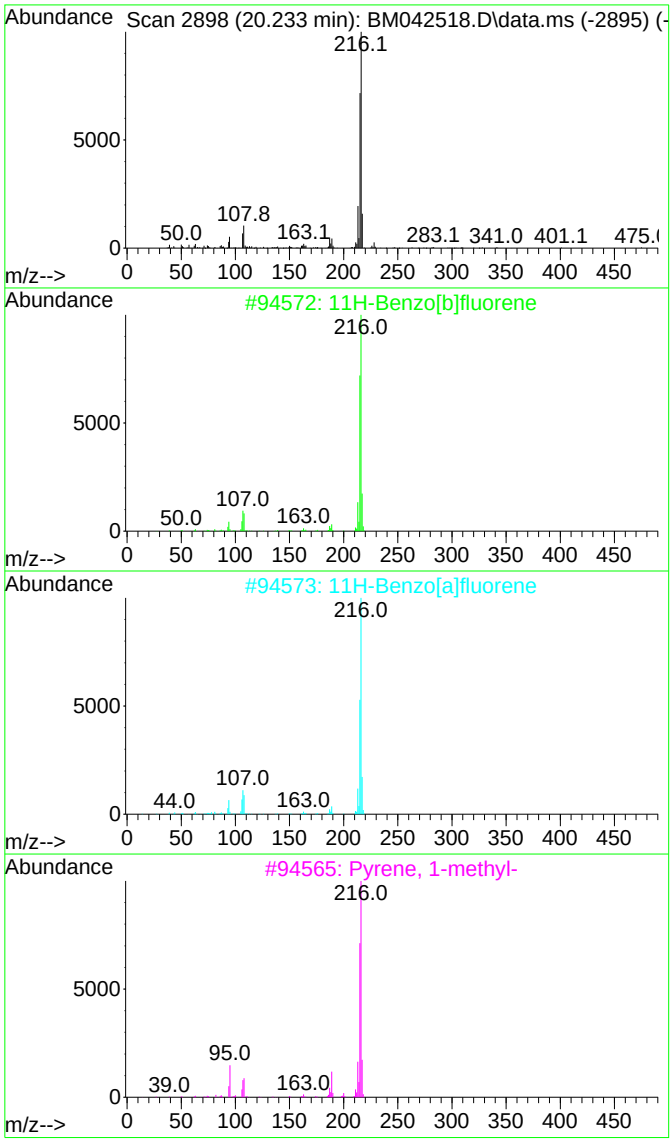
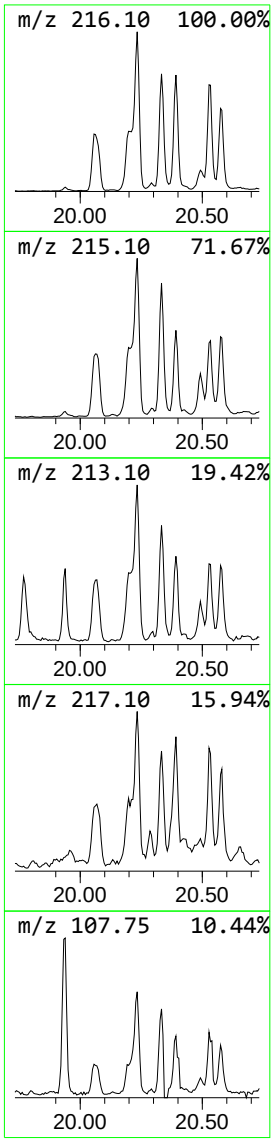
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.233	2.63 ng	457838	Chrysene-d12	21.503

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72





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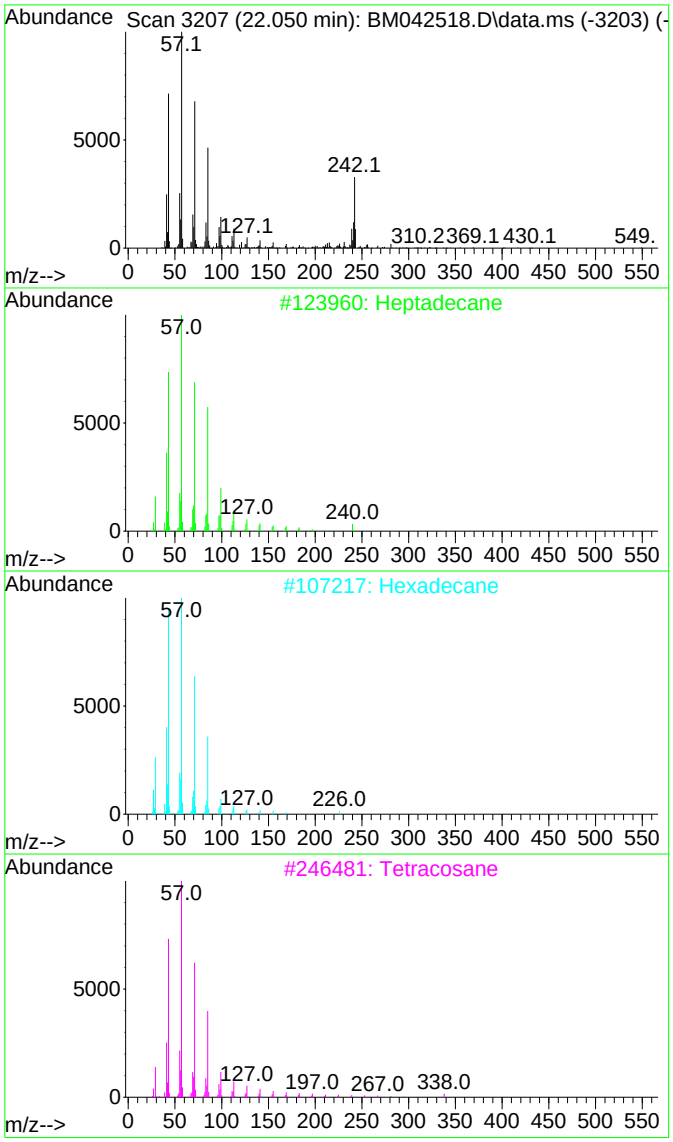
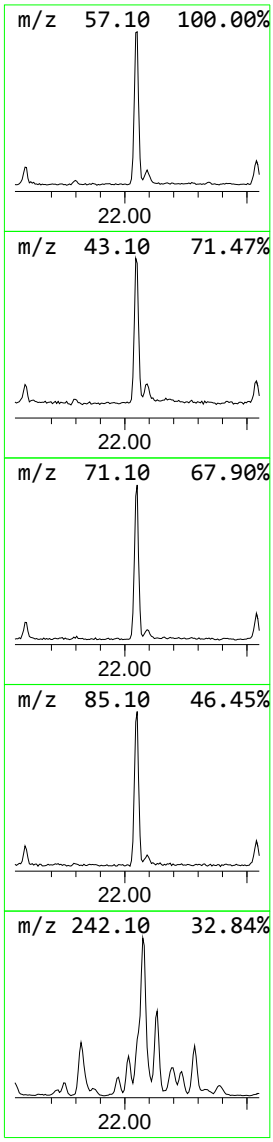
Peak Number 17 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.050	3.20 ng	557768	Chrysene-d12	21.503

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetracosane	338	C24H50	000646-31-1	89
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Octacosane	394	C28H58	000630-02-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042518.D
Acq On : 31 Oct 2023 19:34
Operator : MA/JU
Sample : 04938-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-2(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.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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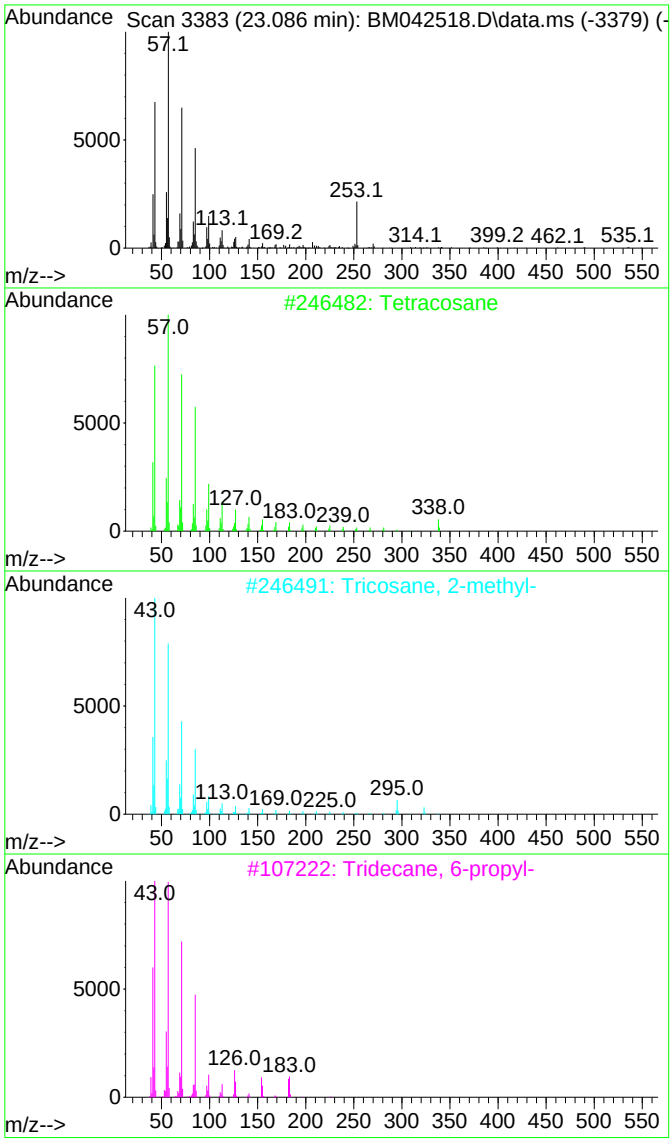
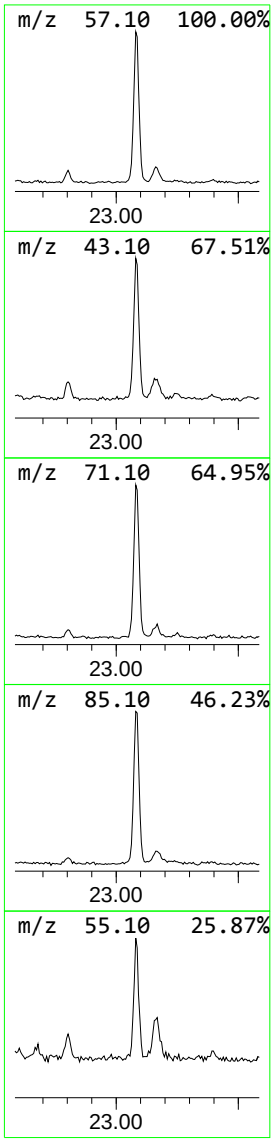
Peak Number 18 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.086	10.96 ng	496485	Perylene-d12	23.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	90
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	89
4	Octadecane	254	C18H38	000593-45-3	89
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042518.D
Acq On : 31 Oct 2023 19:34
Operator : MA/JU
Sample : 04938-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-2(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.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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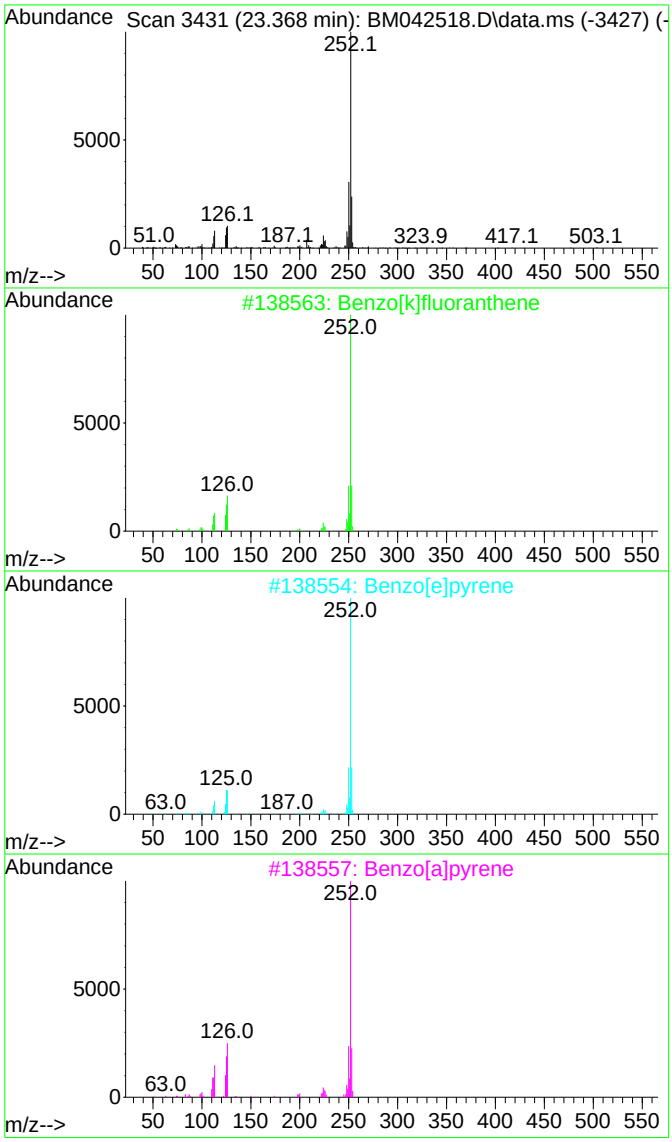
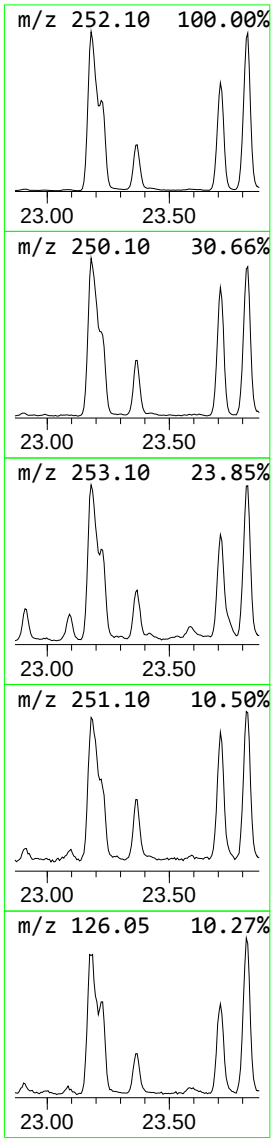
Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.368	10.31 ng	467152	Perylene-d12	23.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042518.D
Acq On : 31 Oct 2023 19:34
Operator : MA/JU
Sample : 04938-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-2(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.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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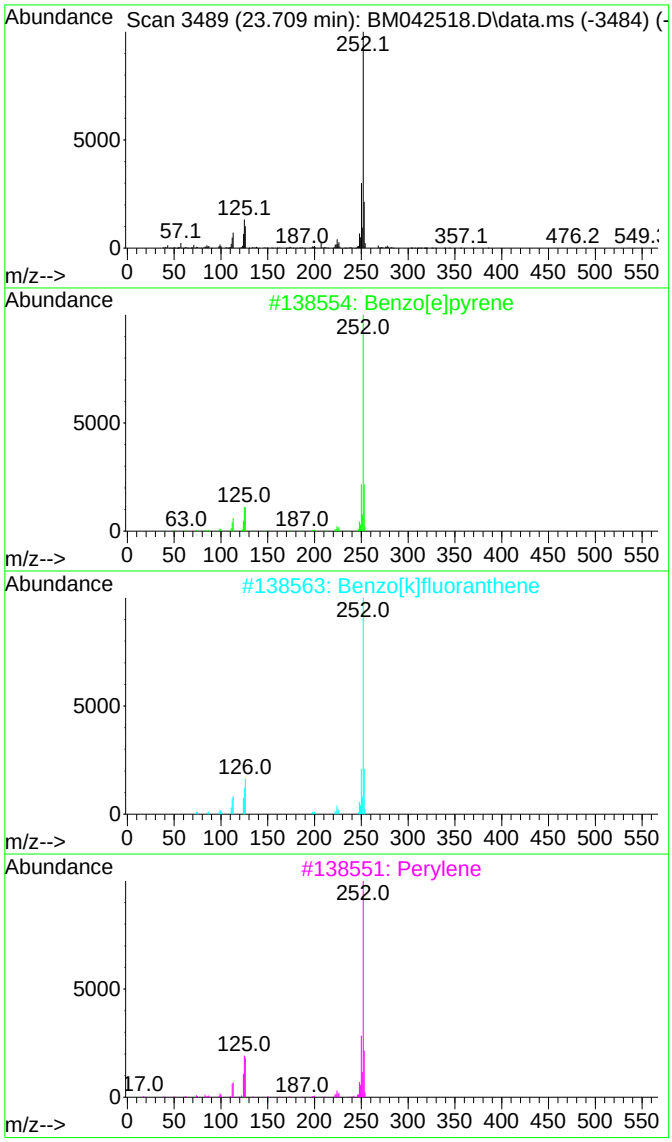
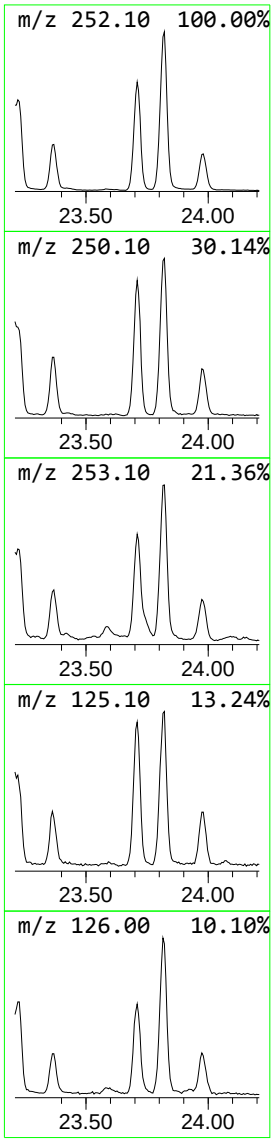
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.709	32.22 ng	1459120	Perylene-d12	23.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042518.D
Acq On : 31 Oct 2023 19:34
Operator : MA/JU
Sample : 04938-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-2(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
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
2-Pentanone, 4-...	5.010	6.7	ng	172309	1	7.922	517156	20.0
5H-Indeno[1,2-b...	17.745	2.6	ng	119991	4	17.321	924627	20.0
cis-13-Octadece...	18.057	2.5	ng	114621	4	17.321	924627	20.0
n-Hexadecanoic ...	18.180	27.6	ng	1276210	4	17.321	924627	20.0
Anthracene, 2-m...	18.239	6.8	ng	311903	4	17.321	924627	20.0
Phenanthrene, 1...	18.321	2.9	ng	133349	4	17.321	924627	20.0
4H-Cyclopenta[d...	18.392	10.5	ng	485214	4	17.321	924627	20.0
Phenanthrene, 4...	18.421	3.4	ng	157198	4	17.321	924627	20.0
Naphthalene, 2-...	18.698	3.4	ng	156920	4	17.321	924627	20.0
9,10-Anthracene...	18.756	2.7	ng	123551	4	17.321	924627	20.0
Phenanthrene, 2...	19.104	4.5	ng	208327	4	17.321	924627	20.0
Cyclopenta(def)...	19.262	6.4	ng	295491	4	17.321	924627	20.0
unknown19.315	19.315	3.1	ng	141579	4	17.321	924627	20.0
Octadecanoic acid	19.456	3.4	ng	587035	5	21.503	3483360	20.0
Pyrene, 1-methyl-	20.056	2.3	ng	394226	5	21.503	3483360	20.0
11H-Benzo[b]flu...	20.233	2.6	ng	457838	5	21.503	3483360	20.0
Heptadecane	22.050	3.2	ng	557768	5	21.503	3483360	20.0
Tetracosane	23.086	11.0	ng	496485	6	23.927	905795	20.0
Benzo[e]pyrene	23.368	10.3	ng	467152	6	23.927	905795	20.0
Perylene	23.709	32.2	ng	1459120	6	23.927	905795	20.0