LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042517.D
Acq On : 31 Oct 2023 18:57
Operator : MA/JU
Sample : 04938-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-1(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: BM042517.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	318	rVB	139872	188737	6.21%	0.396%
2	5.463	380	387	403	rBV	1330841	1920928	63.20%	4.033%
3	7.087	656	663	674	rBV	1276651	1996182	65.67%	4.191%
4	7.710	764	769	780	rVB	150878	245237	8.07%	0.515%
5	7.922	799	805	816	rVB	380227	573887	18.88%	1.205%
6	8.045	819	826	837	rBV	340291	558282	18.37%	1.172%
7	9.122	996	1009	1021	rBV	779141	1259590	41.44%	2.645%
8	9.986	1150	1156	1161	rBV	20413	43491	1.43%	0.091%
9	10.539	1240	1250	1261	rBV2	36812	107490	3.54%	0.226%
10	10.739	1277	1284	1289	rBV	439081	719092	23.66%	1.510%
11	10.792	1289	1293	1301	rVB	100016	163793	5.39%	0.344%
12	11.857	1467	1474	1481	rVB	60225	96910	3.19%	0.203%
13	12.398	1558	1566	1578	rBV	147295	242299	7.97%	0.509%
14	12.504	1578	1584	1591	rVV7	17382	40374	1.33%	0.085%
15	12.616	1591	1603	1612	rVB	153683	266547	8.77%	0.560%
16	13.192	1689	1701	1708	rBV	1641553	2244784	73.85%	4.713%
17	13.410	1732	1738	1746	rVB3	46976	86434	2.84%	0.181%
18	13.545	1751	1761	1766	rBV7	14912	41595	1.37%	0.087%
19	13.739	1787	1794	1802	rBV4	58187	139774	4.60%	0.293%
20	13.886	1811	1819	1824	rBV	110192	190781	6.28%	0.401%
21	13.939	1824	1828	1836	rVB	69930	113956	3.75%	0.239%
22	14.027	1838	1843	1852	rVB2	25891	47950	1.58%	0.101%
23	14.121	1852	1859	1862	rBV	56139	80898	2.66%	0.170%
24	14.298	1883	1889	1897	rBV	193887	325924	10.72%	0.684%
25	14.498	1915	1923	1926	rBV2	21984	46426	1.53%	0.097%
26	14.568	1926	1935	1942	rVV	601076	946830	31.15%	1.988%
27	14.639	1942	1947	1953	rVB2	26416	53214	1.75%	0.112%
28	14.774	1964	1970	1977	rVB2	22484	43872	1.44%	0.092%
29	14.951	1993	2000	2008	rVB4	48460	111059	3.65%	0.233%
30	15.027	2008	2013	2018	rVB	42828	59359	1.95%	0.125%
31	15.168	2030	2037	2042	rBV3	44709	79229	2.61%	0.166%
32	15.221	2042	2046	2051	rVB	28507	42564	1.40%	0.089%
33	15.439	2078	2083	2088	rBV	43623	61718	2.03%	0.130%
34	15.527	2092	2098	2101	rVV4	18590	38966	1.28%	0.082%
35	15.562	2101	2104	2107	rVV	31450	45336	1.49%	0.095%
36	15.621	2107	2114	2126	rVB	171523	322900	10.62%	0.678%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042517.D
Acq On : 31 Oct 2023 18:57
Operator : MA/JU
Sample : 04938-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-1(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	15.898	2157	2161	2168	rVB2	28724	48674	1.60%	0.102%
38	16.062	2181	2189	2199	rBV	1448991	2042374	67.19%	4.288%
39	16.615	2275	2283	2287	rBV2	74035	157059	5.17%	0.330%
40	16.668	2287	2292	2298	rBV2	48321	95595	3.14%	0.201%
41	16.762	2304	2308	2312	rVB2	40323	56371	1.85%	0.118%
42	16.986	2339	2346	2351	rBV	47037	86683	2.85%	0.182%
43	17.062	2352	2359	2365	rVB2	51109	85686	2.82%	0.180%
44	17.139	2367	2372	2376	rBV	239845	347040	11.42%	0.729%
45	17.174	2376	2378	2385	rVB2	59630	72223	2.38%	0.152%
46	17.239	2385	2389	2395	rBV2	37902	53446	1.76%	0.112%
47	17.321	2395	2403	2407	rBV	731209	1057459	34.79%	2.220%
48	17.368	2407	2411	2420	rVB	1353909	1848015	60.80%	3.880%
49	17.456	2420	2426	2431	rBV	237874	343394	11.30%	0.721%
50	17.745	2464	2475	2479	rBV4	36792	104630	3.44%	0.220%
51	17.833	2486	2490	2496	rVB	53320	76738	2.52%	0.161%
52	17.898	2496	2501	2506	rBV	157831	239220	7.87%	0.502%
53	18.045	2520	2526	2534	rVB3	122346	269566	8.87%	0.566%
54	18.121	2534	2539	2543	rBV2	95473	138786	4.57%	0.291%
55	18.180	2543	2549	2556	rVV2	1292719	2124326	69.89%	4.460%
56	18.239	2556	2559	2569	rVV	357298	560695	18.45%	1.177%
57	18.321	2569	2573	2578	rVV	88272	126062	4.15%	0.265%
58	18.386	2578	2584	2588	rVV2	320650	630830	20.75%	1.324%
59	18.427	2588	2591	2596	rVB	209449	275577	9.07%	0.579%
60	18.586	2615	2618	2624	rVB	49590	60283	1.98%	0.127%
61	18.692	2631	2636	2641	rBV	135030	231062	7.60%	0.485%
62	18.750	2642	2646	2655	rVB2	101054	200481	6.60%	0.421%
63	18.845	2658	2662	2668	rBV4	52340	104471	3.44%	0.219%
64	18.903	2668	2672	2675	rBV2	47621	70424	2.32%	0.148%
65	18.980	2682	2685	2688	rVB	80453	85275	2.81%	0.179%
66	19.021	2688	2692	2696	rVB3	65722	92893	3.06%	0.195%
67	19.103	2701	2706	2710	rBV	185263	281832	9.27%	0.592%
68	19.156	2711	2715	2720	rVV3	79469	179715	5.91%	0.377%
69	19.198	2720	2722	2725	rVB3	73251	70074	2.31%	0.147%
70	19.262	2725	2733	2738	rBV5	102046	305932	10.06%	0.642%
71	19.315	2738	2742	2745	rVV	213475	282976	9.31%	0.594%
72	19.380	2747	2753	2758	rVV	1007479	1465779	48.22%	3.077%
73	19.456	2759	2766	2773	rVV2	572649	911635	29.99%	1.914%
74	19.527	2774	2778	2783	rVB	175860	243010	7.99%	0.510%
75	19.627	2791	2795	2803	rVB2	135218	248138	8.16%	0.521%
76	19.703	2804	2808	2810	rBV2	80932	115695	3.81%	0.243%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
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Acq On : 31 Oct 2023 18:57
Operator : MA/JU
Sample : 04938-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-1(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	19.745	2810	2815	2821	rVV	1403426	1880448	61.86%	3.948%
78	19.797	2821	2824	2830	rVB3	87754	127311	4.19%	0.267%
79	19.880	2835	2838	2842	rVV2	55891	77985	2.57%	0.164%
80	19.939	2842	2848	2856	rVB	2522864	3039653	100.00%	6.382%
81	20.068	2864	2870	2876	rVB4	117081	273581	9.00%	0.574%
82	20.192	2887	2891	2894	rBV4	129421	225450	7.42%	0.473%
83	20.233	2895	2898	2903	rVB	223975	299990	9.87%	0.630%
84	20.333	2912	2915	2919	rBV	150068	151427	4.98%	0.318%
85	20.392	2921	2925	2929	rBV	164547	195919	6.45%	0.411%
86	20.533	2945	2949	2953	rBV2	171593	230722	7.59%	0.484%
87	20.580	2953	2957	2962	rVB	160298	228380	7.51%	0.479%
88	21.150	3050	3054	3055	rBV	392429	430691	14.17%	0.904%
89	21.227	3064	3067	3070	rBV	89213	104919	3.45%	0.220%
90	21.374	3089	3092	3098	rBV2	128102	206408	6.79%	0.433%
91	21.503	3107	3114	3118	rBV2	1174452	2315122	76.16%	4.861%
92	21.544	3118	3121	3125	rVB	589348	727013	23.92%	1.526%
93	22.050	3202	3207	3210	rBV	1470878	1726767	56.81%	3.625%
94	23.085	3378	3383	3392	rVB	1043688	1606318	52.85%	3.373%
95	23.174	3394	3398	3405	rVV2	299568	623833	20.52%	1.310%
96	23.703	3484	3488	3499	rVB	324762	638346	21.00%	1.340%
97	23.815	3502	3507	3514	rVB	380049	757729	24.93%	1.591%
98	23.921	3520	3525	3531	rBV	538470	1017226	33.47%	2.136%
99	24.074	3546	3551	3557	rVB2	369933	663332	21.82%	1.393%
100	24.544	3627	3631	3642	rVB2	309865	744271	24.49%	1.563%

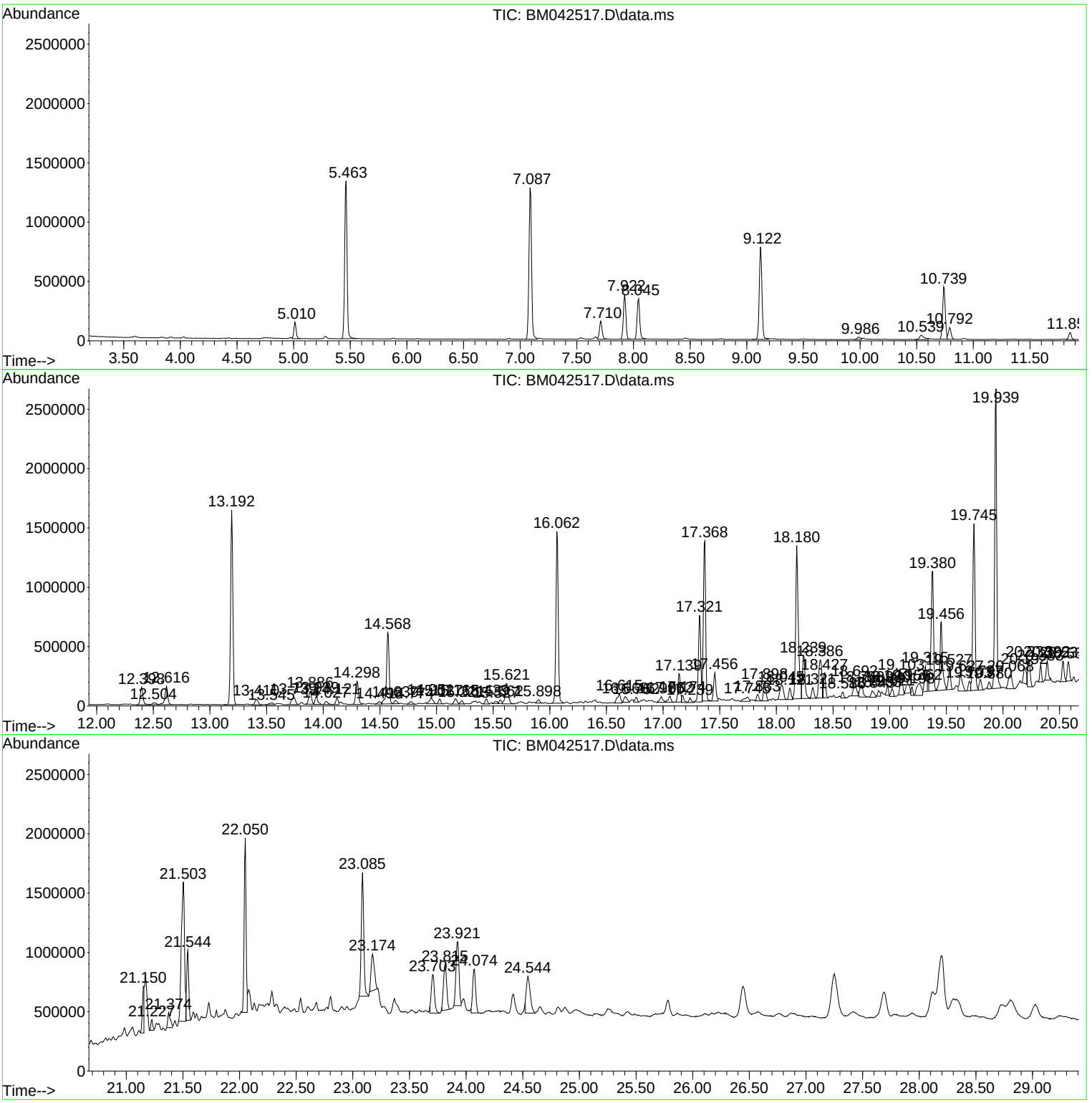
Sum of corrected areas: 47629373

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042517.D
Acq On : 31 Oct 2023 18:57
Operator : MA/JU
Sample : 04938-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-1(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 : BM042517.D
Acq On : 31 Oct 2023 18:57
Operator : MA/JU
Sample : 04938-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-1(0-2)

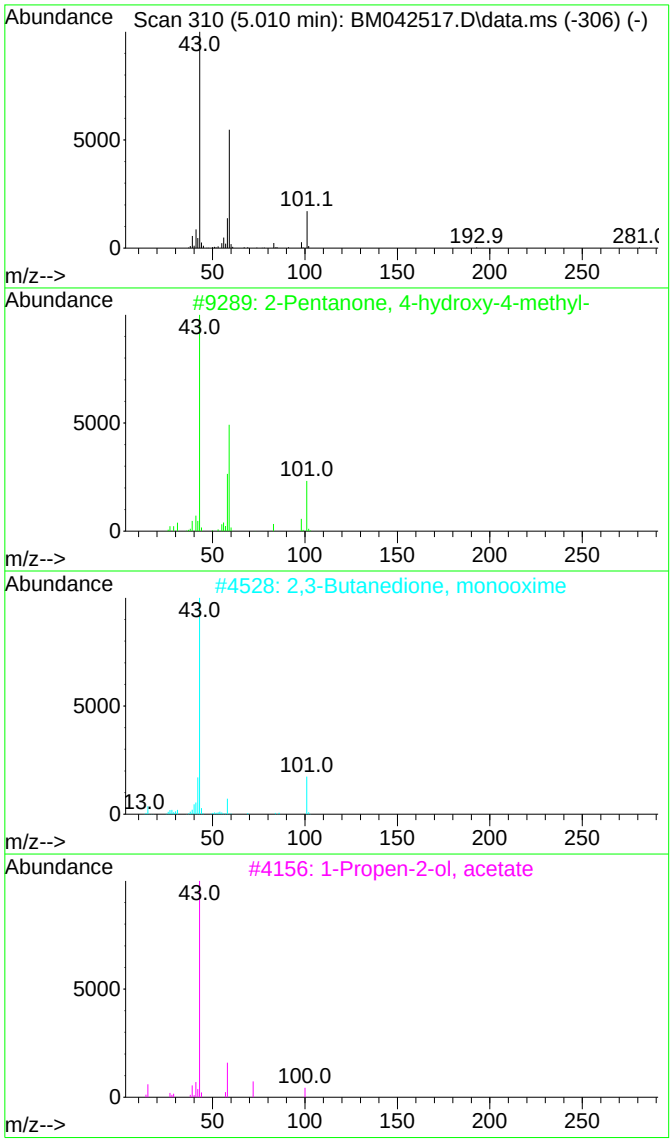
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

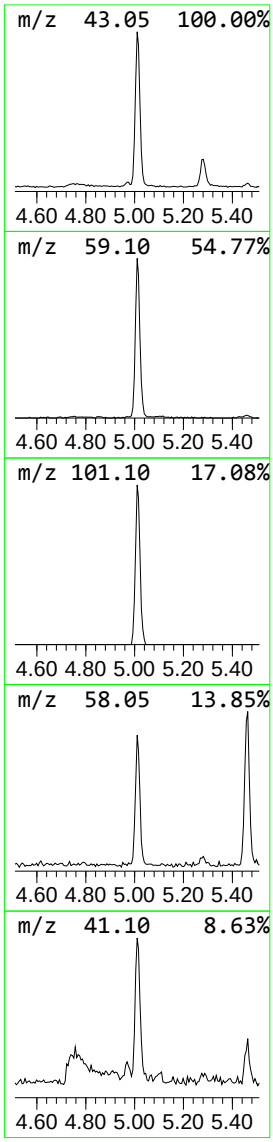
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.010	6.58 ng	188737	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	27
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042517.D
Acq On : 31 Oct 2023 18:57
Operator : MA/JU
Sample : 04938-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-1(0-2)

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

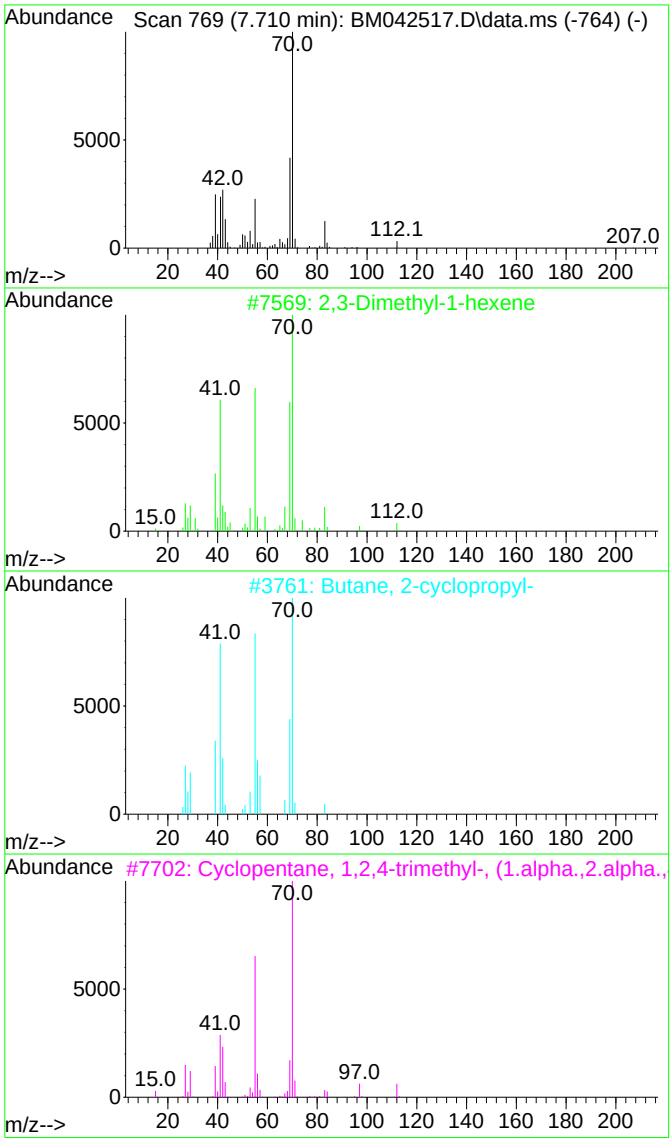
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

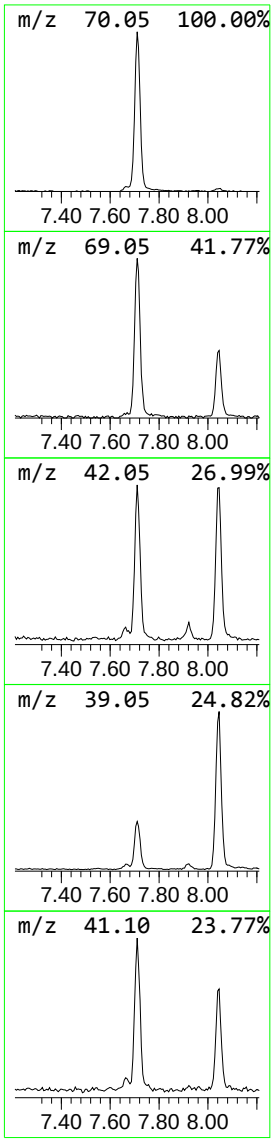
****

Peak Number 2 2,3-Dimethyl-1-hexene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.710	8.55 ng	245237	1,4-Dichlorobenzene-d4	7.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyl-1-hexene	112	C8H16	016746-86-4	50
2	Butane, 2-cyclopropyl-	98	C7H14	005750-02-7	40
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	40
4	Decylamine, N-allyl-	197	C13H27N	1000416-16-5	40
5	Heptane, 3-methylene-	112	C8H16	001632-16-2	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042517.D
Acq On : 31 Oct 2023 18:57
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-1(0-2)

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

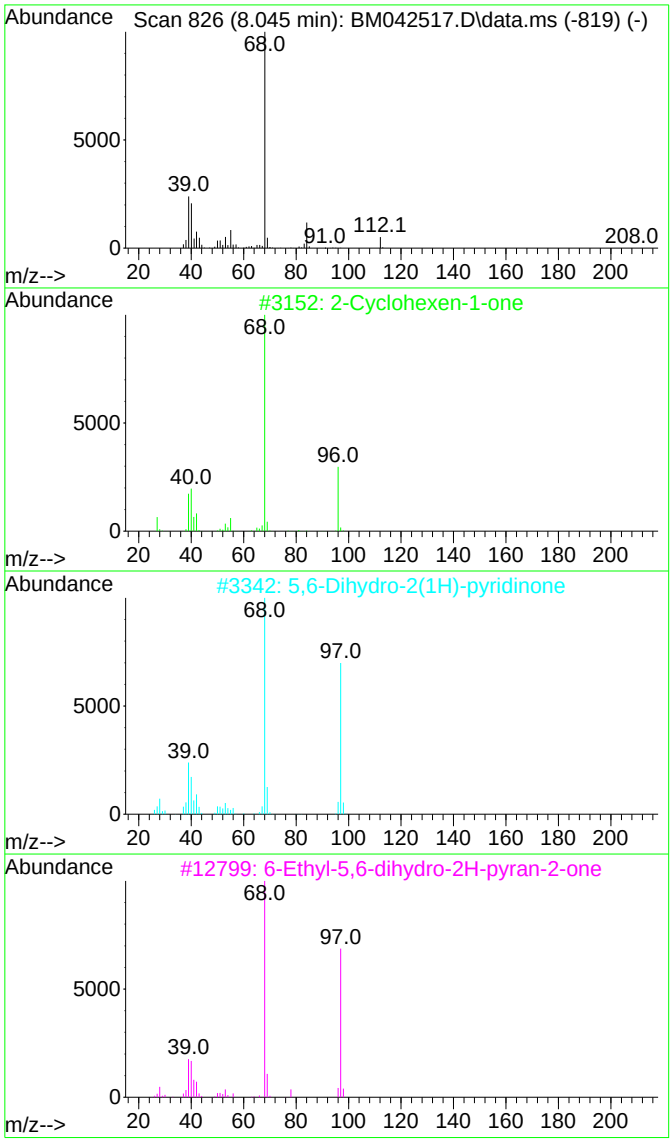
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

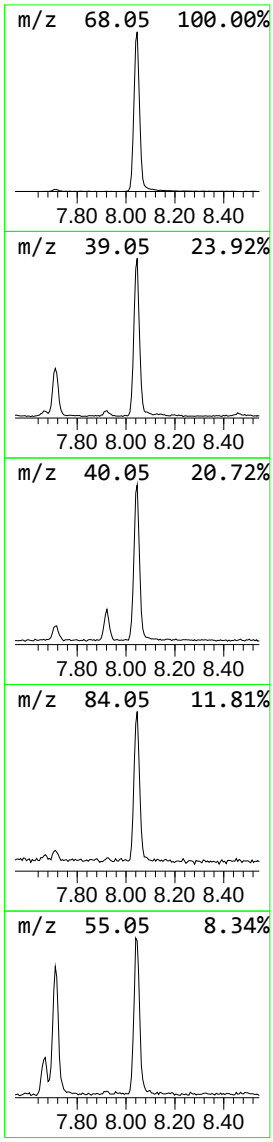
****

Peak Number 3 2-Cyclohexen-1-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.045	19.46 ng	558282	1,4-Dichlorobenzene-d4	7.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	59
2	5,6-Dihydro-2(1H)-pyridinone	97	C5H7NO	006052-73-9	59
3	6-Ethyl-5,6-dihydro-2H-pyran-2-one	126	C7H10O2	019895-35-3	59
4	1H-Pyrazole	68	C3H4N2	000288-13-1	40
5	7-Oxabicyclo[2.2.1]hept-5-en-2-one	110	C6H6O2	095530-78-2	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042517.D
Acq On : 31 Oct 2023 18:57
Operator : MA/JU
Sample : 04938-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-1(0-2)

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

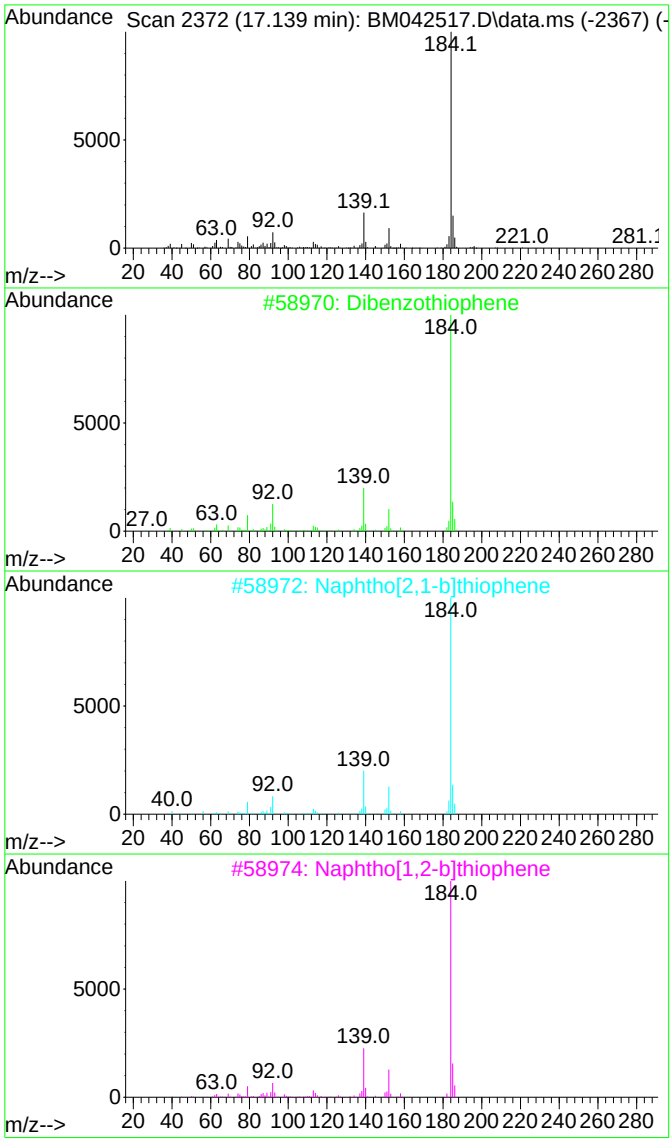
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

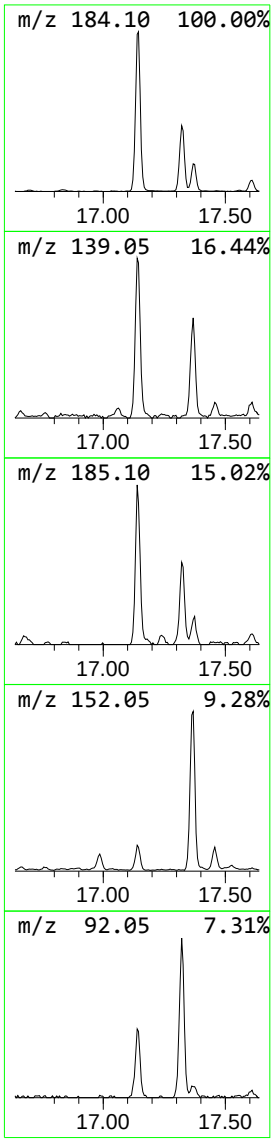
****

Peak Number 4 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.139	6.56 ng	347040	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042517.D
Acq On : 31 Oct 2023 18:57
Operator : MA/JU
Sample : 04938-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-1(0-2)

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

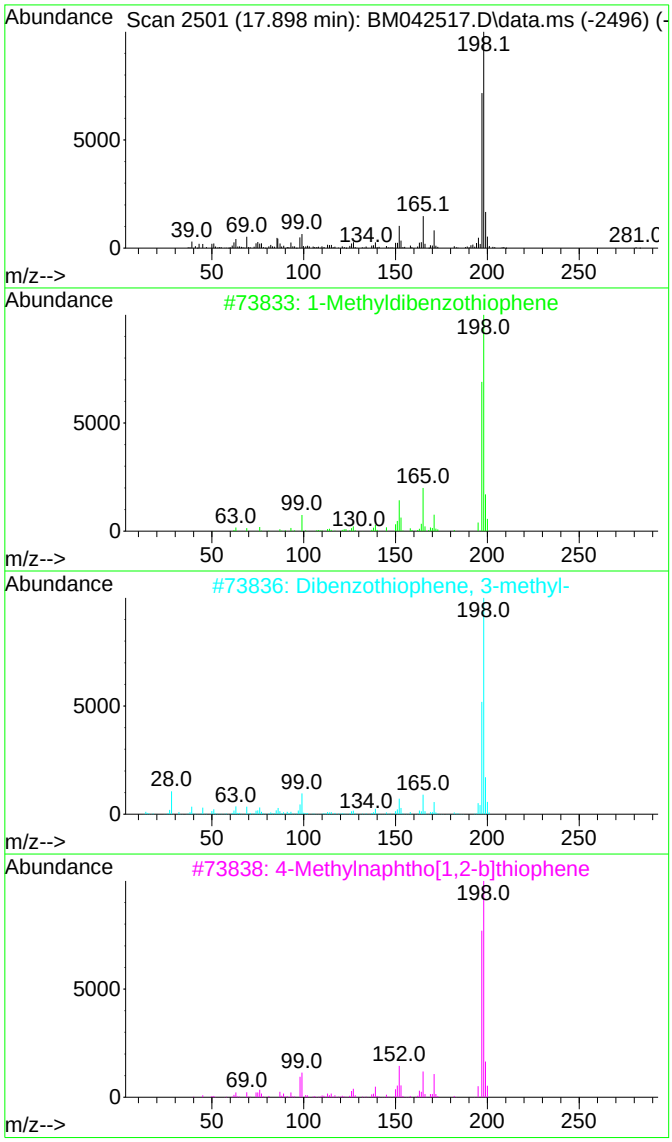
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

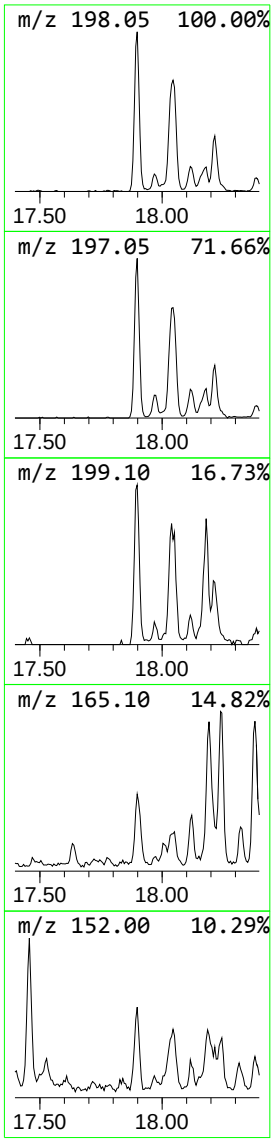
****

Peak Number 5 1-Methyldibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.898	4.52 ng	239220	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	97
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
3	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	94
4	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	93
5	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93





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Acq On : 31 Oct 2023 18:57
Operator : MA/JU
Sample : 04938-01
Misc :
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ClientSampleId :
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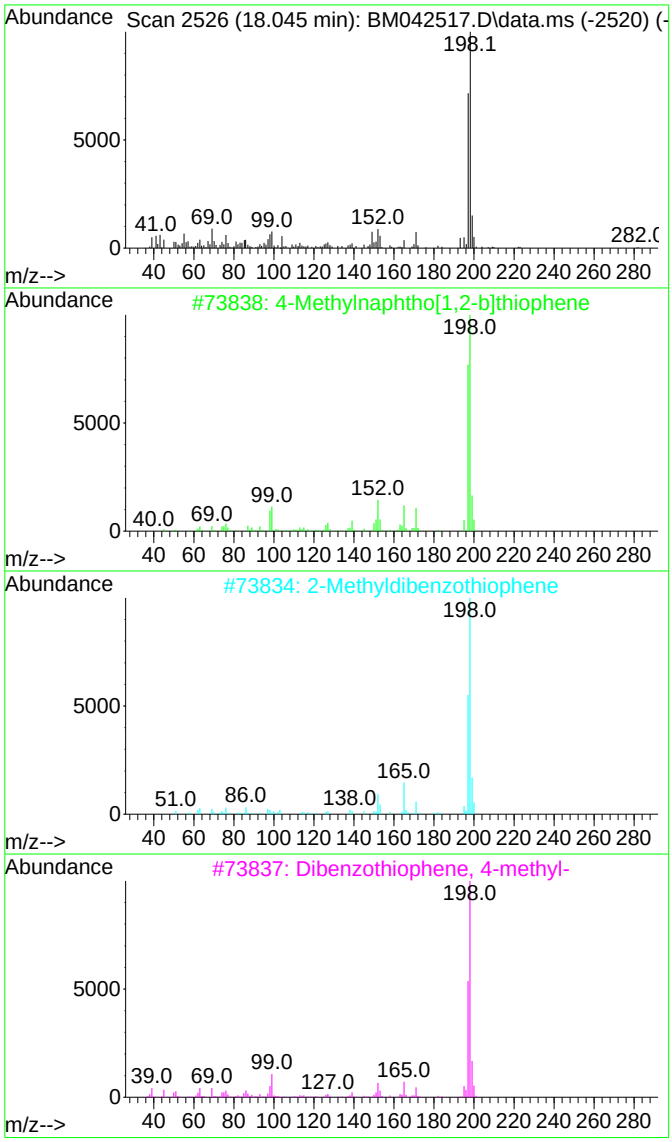
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

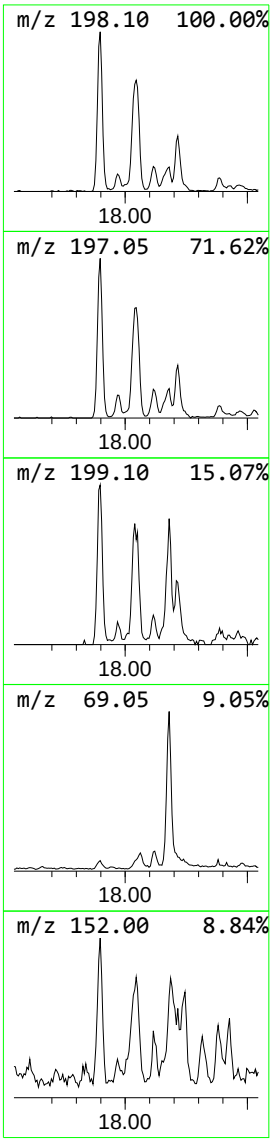
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	5.10 ng	269566	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	94
2	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	90
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	90
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	87
5	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	86





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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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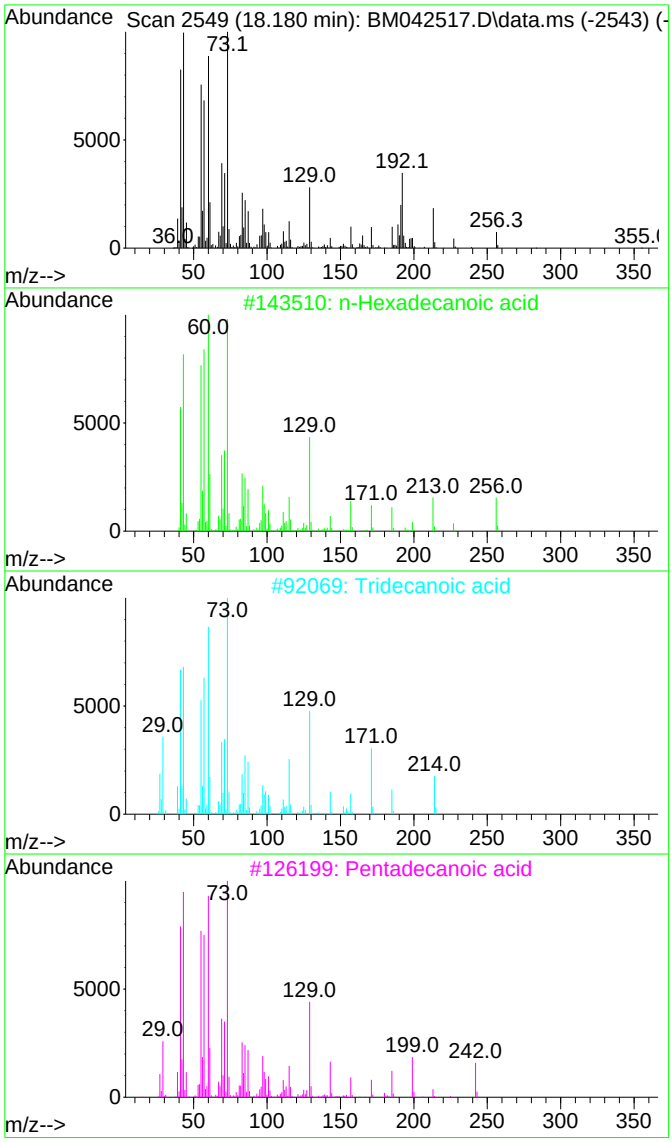
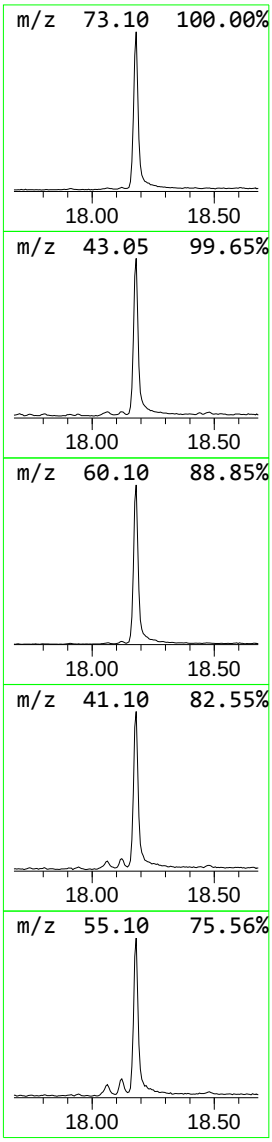
Peak Number 7 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	40.18 ng	2124330	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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Undecanoic acid	186	C11H22O2	000112-37-8	50





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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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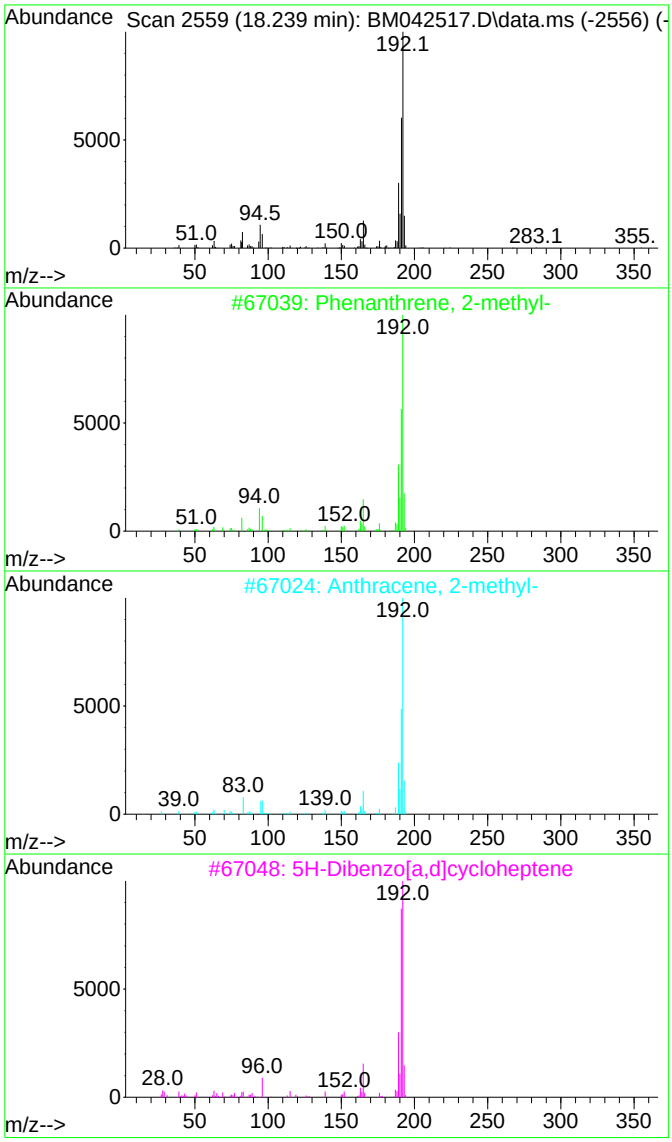
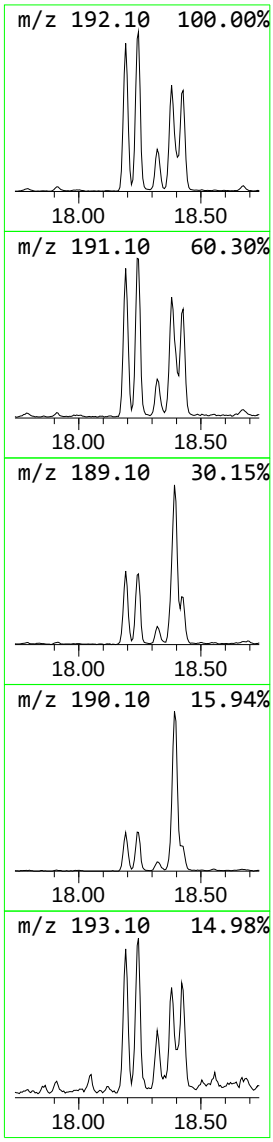
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	10.60 ng	560695	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Instrument :
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ClientSampleId :
A-1(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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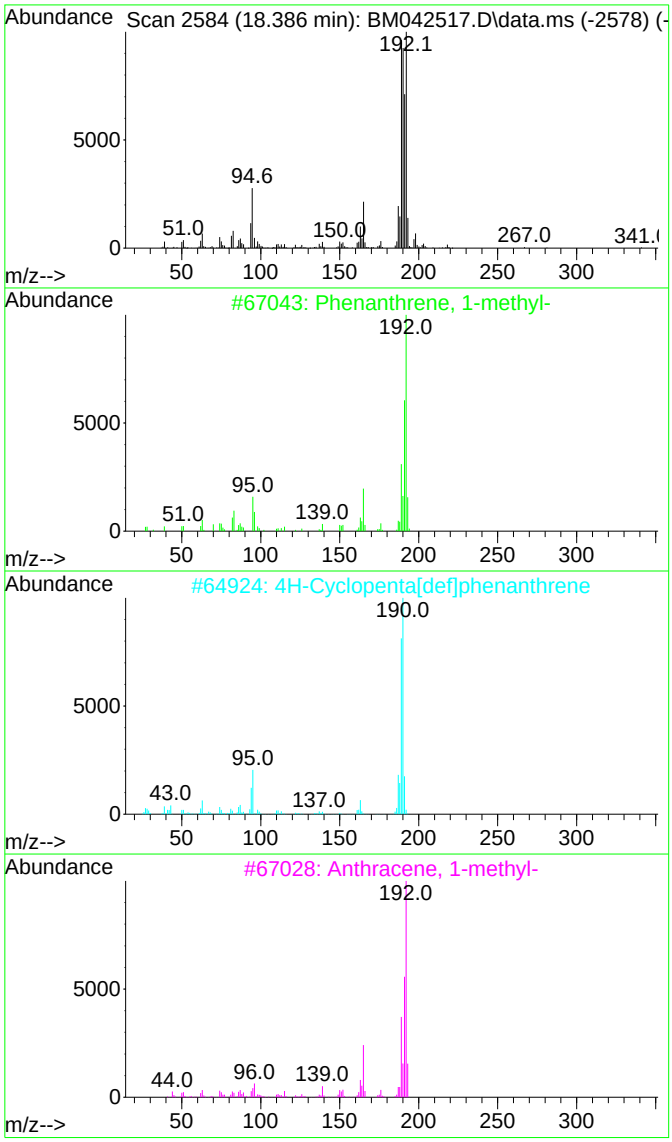
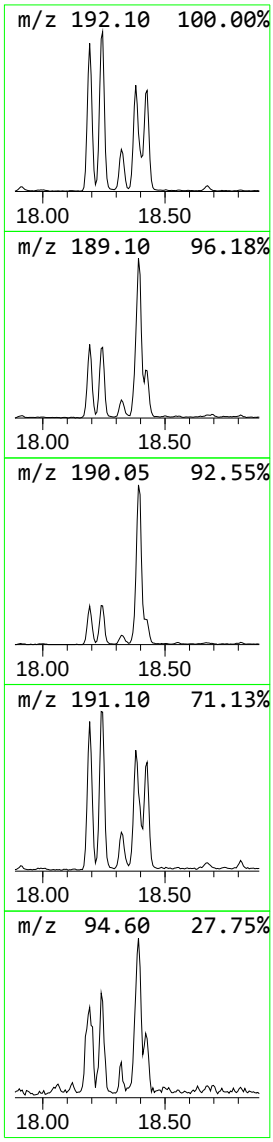
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.386	11.93 ng	630830	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	38





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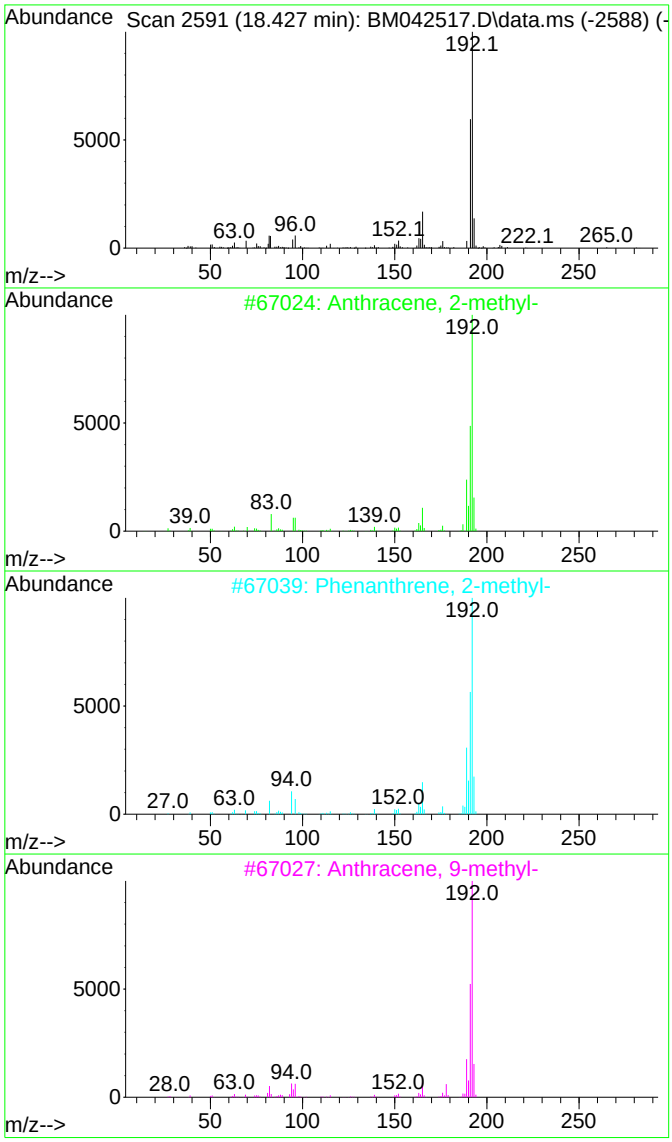
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

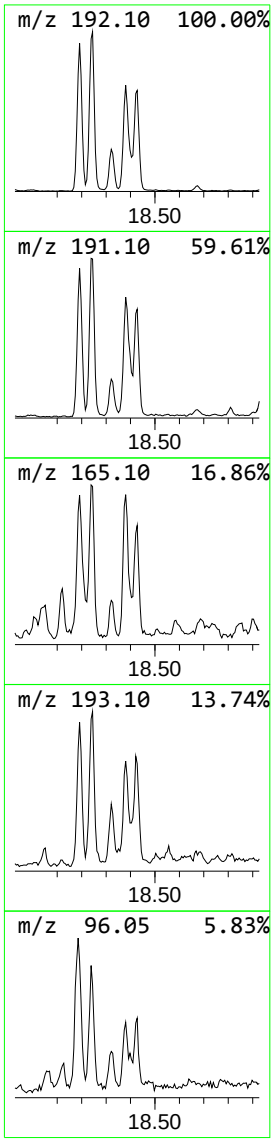
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.427	5.21 ng	275577	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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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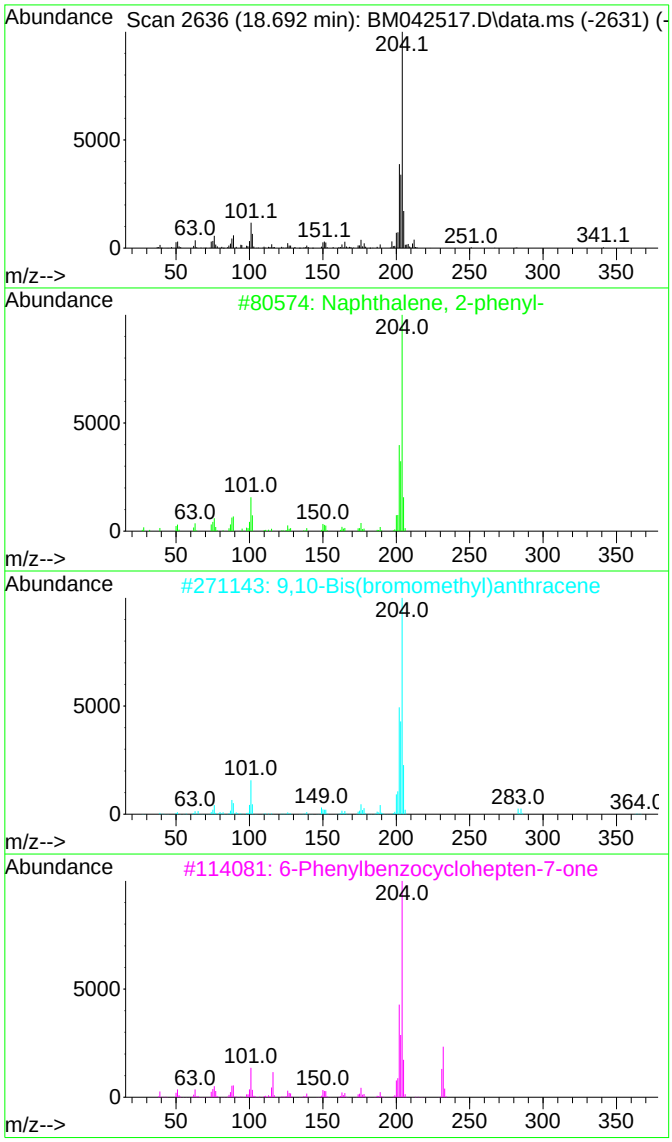
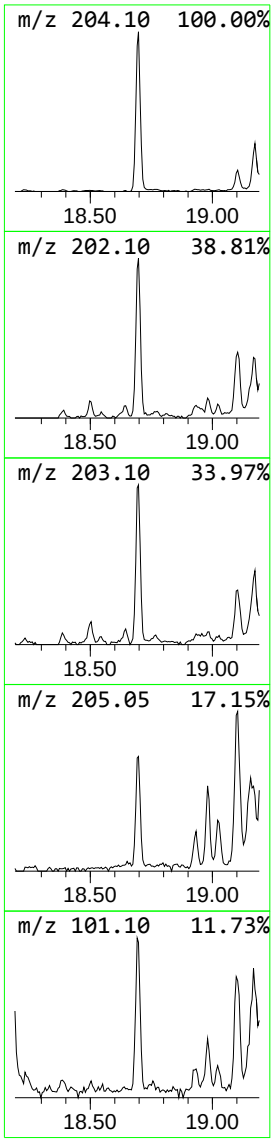
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.692	4.37 ng	231062	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	91
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70





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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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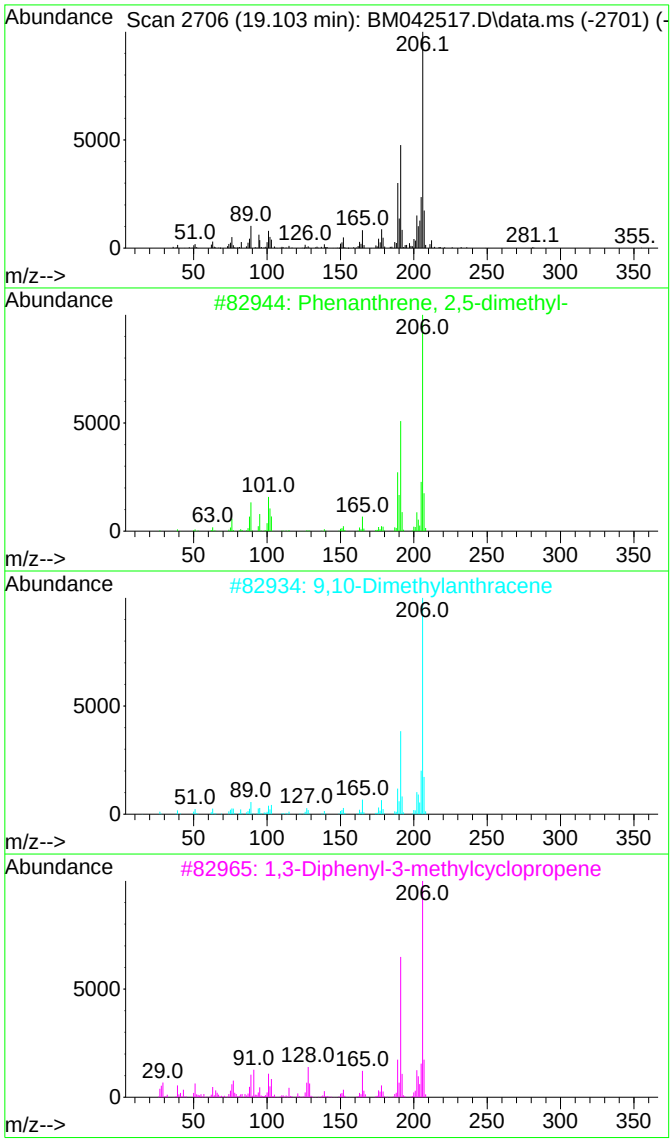
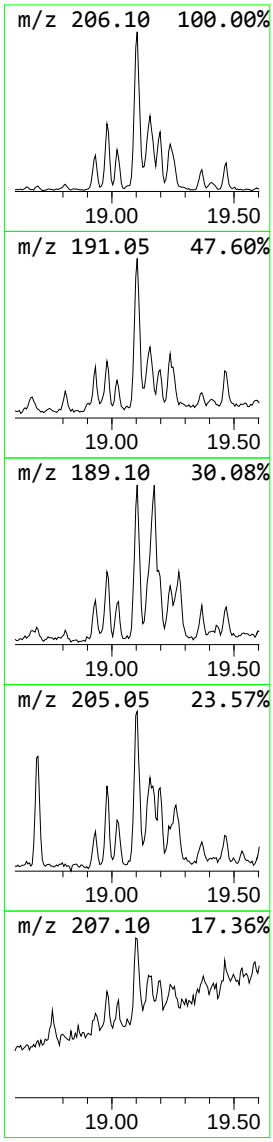
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.103	5.33 ng	281832	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





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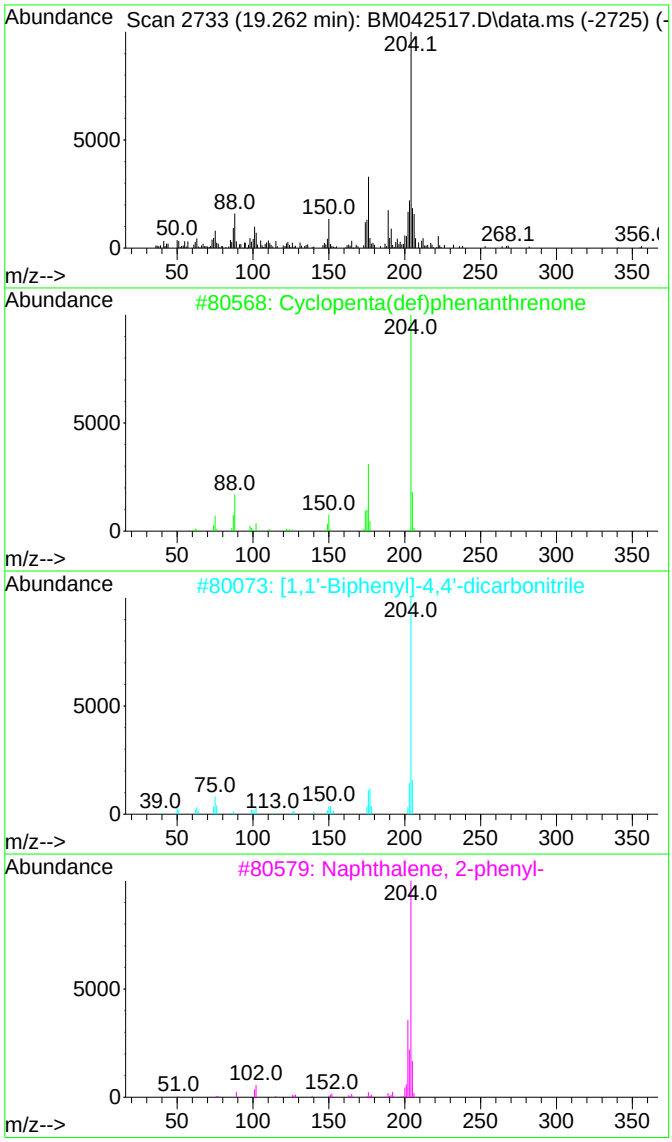
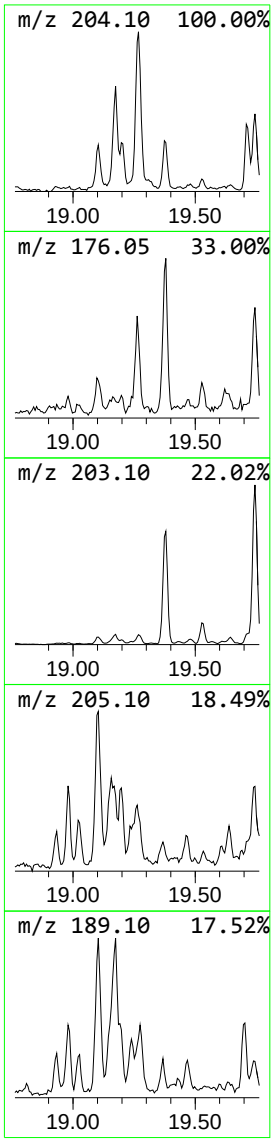
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.262	5.79 ng	305932	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	92
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	68
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	59
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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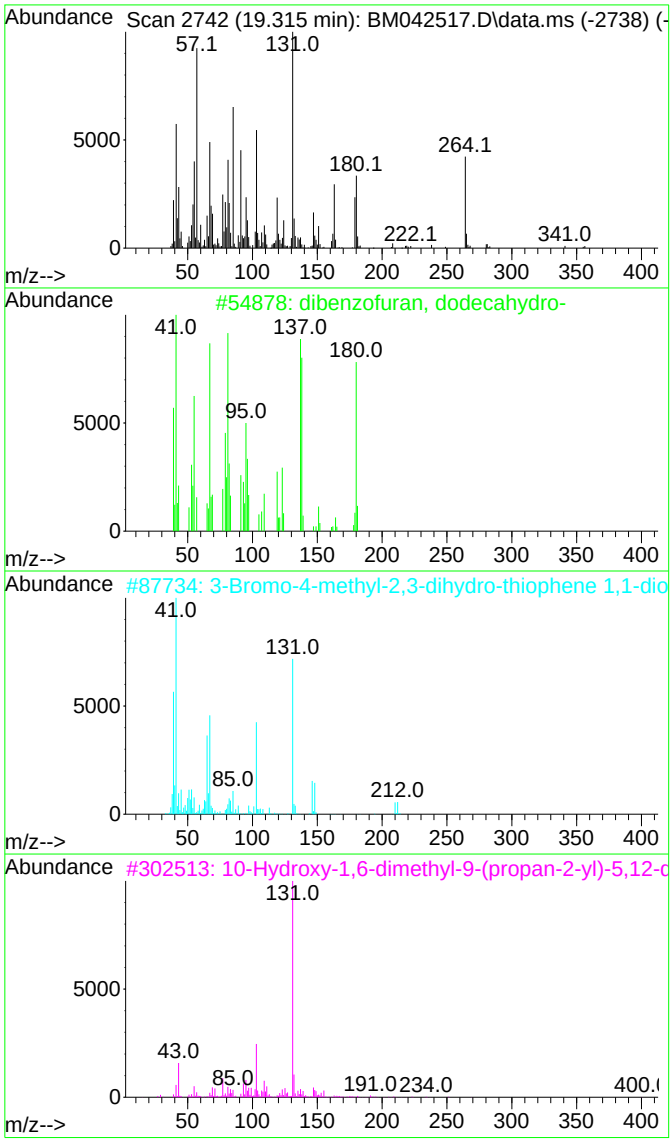
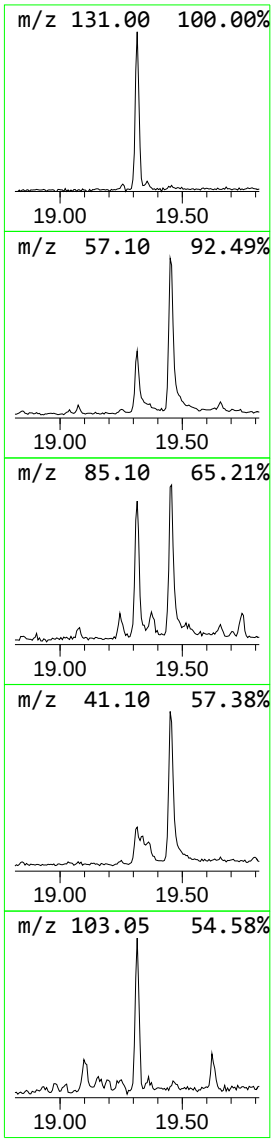
Peak Number 14 unknown19.315 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.315	5.35 ng	282976	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	dibenzofuran, dodecahydro-	180	C12H20O	1000404-84-7	44
2	3-Bromo-4-methyl-2,3-dihydro-thi...	210	C5H7BrO2S	065017-48-3	38
3	10-Hydroxy-1,6-dimethyl-9-(propa...	400	C24H32O5	1000501-93-6	27
4	Cinnamoylechinadiol, acetate	426	C26H34O5	1000503-42-5	22
5	1,3-Phenylene, bis(3-phenylprope...	370	C24H18O4	1000259-62-4	22





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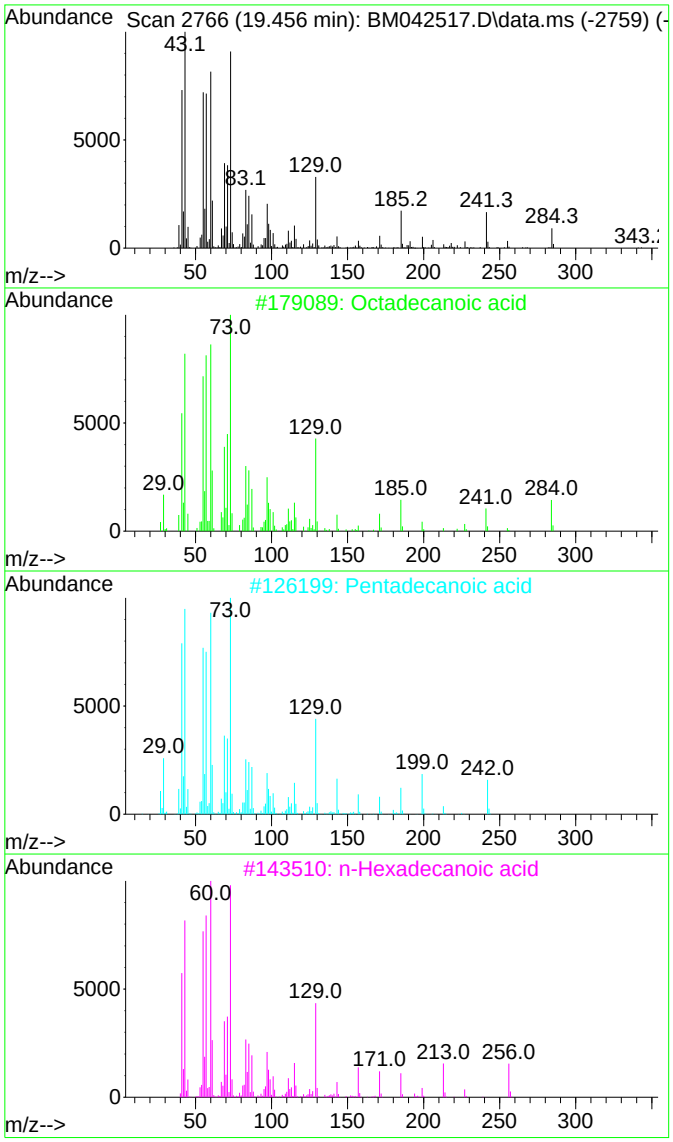
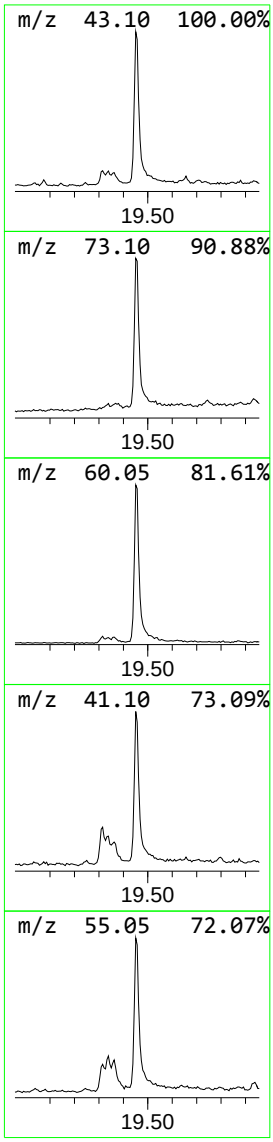
Peak Number 15 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.456	7.88 ng	911635	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	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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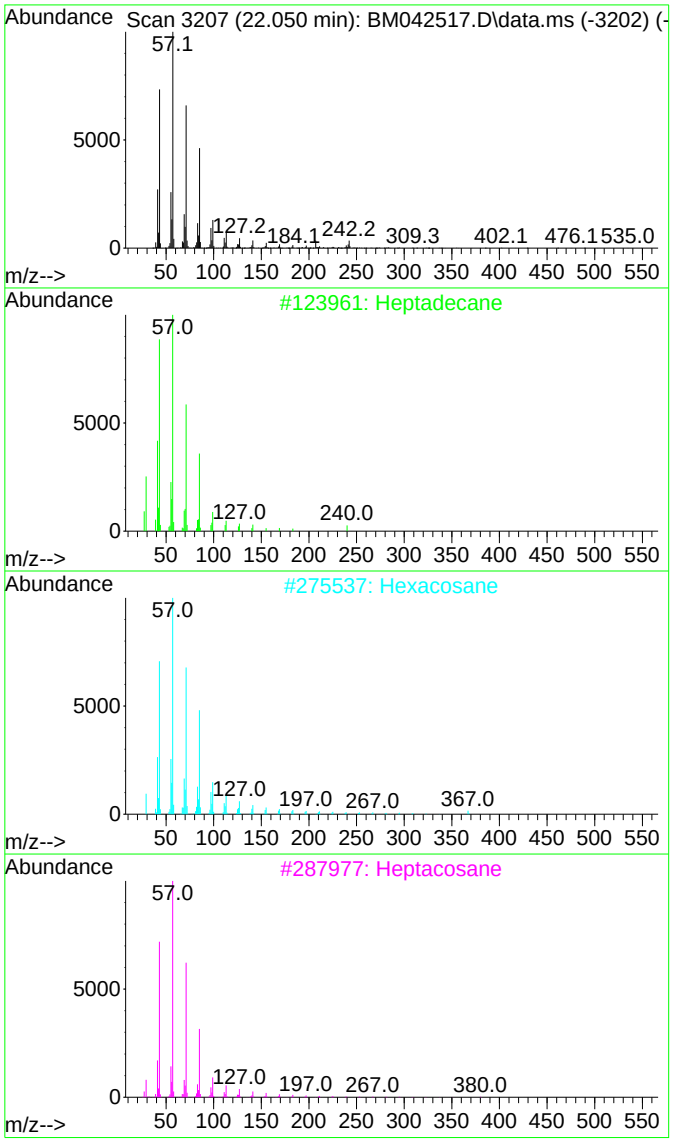
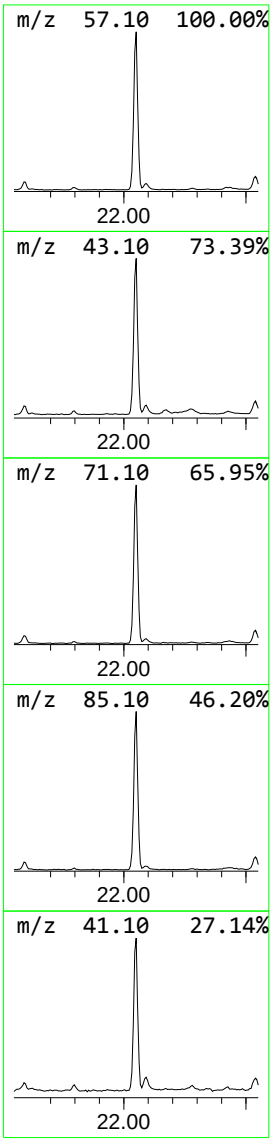
Peak Number 16 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.050	14.92 ng	1726770	Chrysene-d12	21.503

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Octadecane	254	C18H38	000593-45-3	87





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Acq On : 31 Oct 2023 18:57
Operator : MA/JU
Sample : 04938-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-1(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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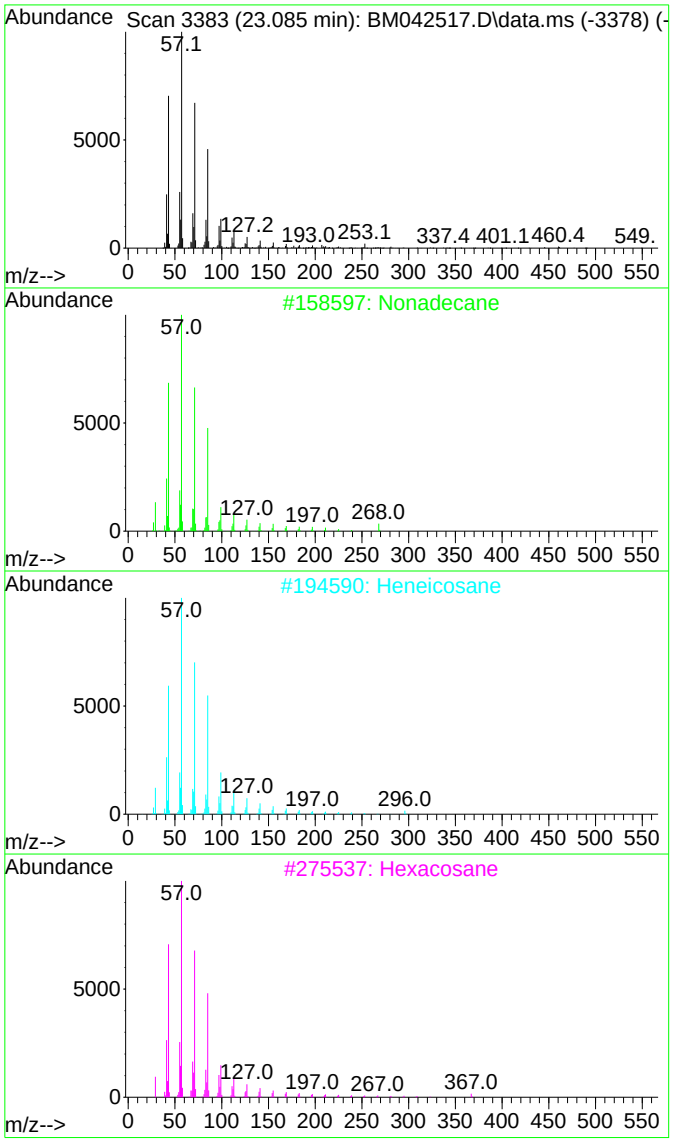
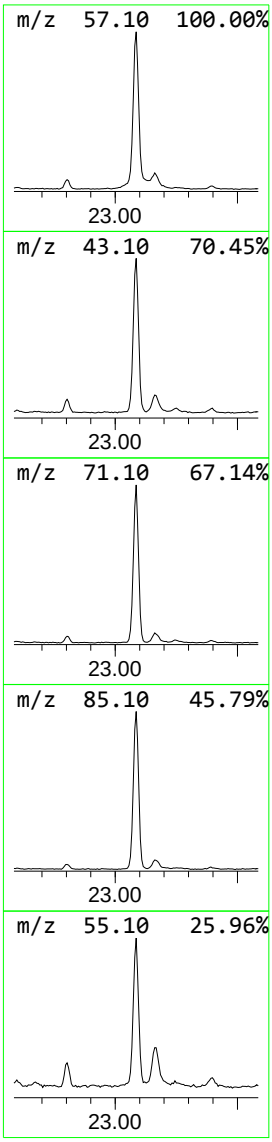
Peak Number 17 Nonadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.086	31.58 ng	1606320	Perylene-d12	23.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042517.D
Acq On : 31 Oct 2023 18:57
Operator : MA/JU
Sample : 04938-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-1(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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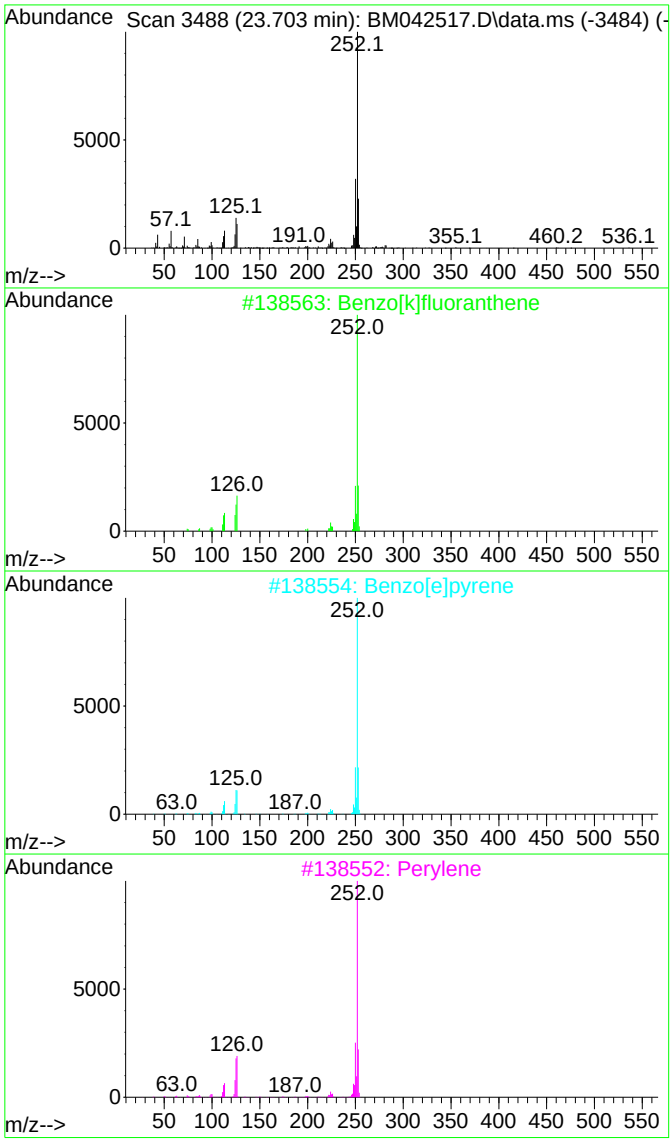
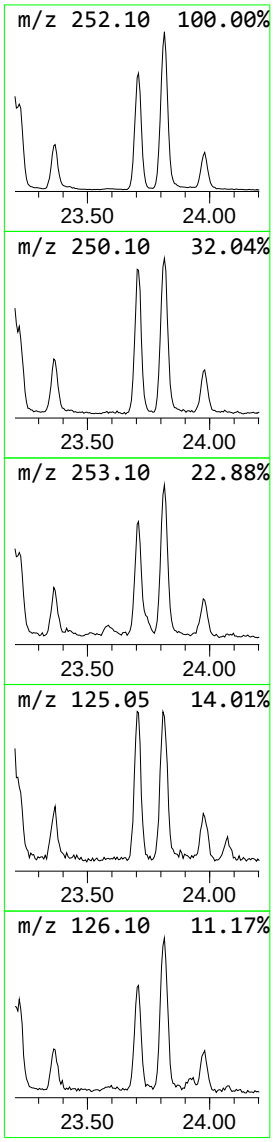
Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.703	12.55 ng	638346	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	95
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042517.D
Acq On : 31 Oct 2023 18:57
Operator : MA/JU
Sample : 04938-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-1(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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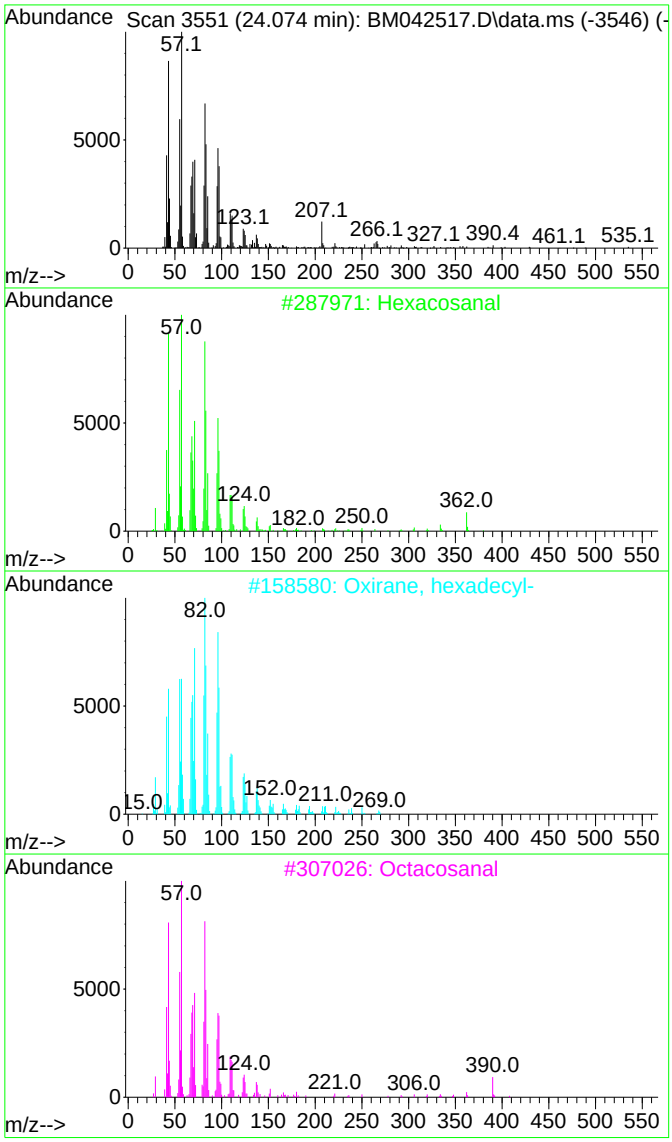
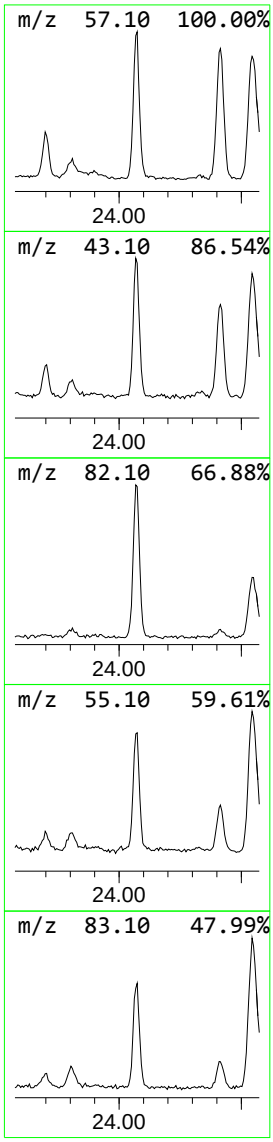
Peak Number 19 Hexacosanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.074	13.04 ng	663332	Perylene-d12	23.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosanal	380	C26H52O	026627-85-0	93
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Octacosanal	408	C28H56O	022725-64-0	91
4	Octadecanal	268	C18H36O	000638-66-4	91
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042517.D
Acq On : 31 Oct 2023 18:57
Operator : MA/JU
Sample : 04938-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-1(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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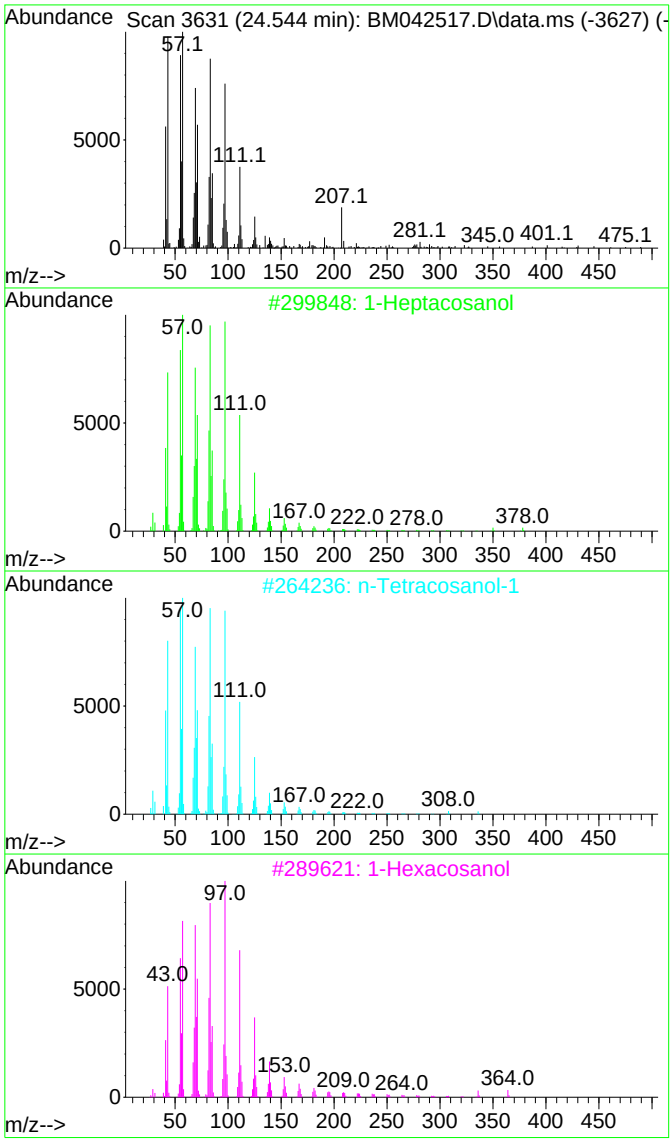
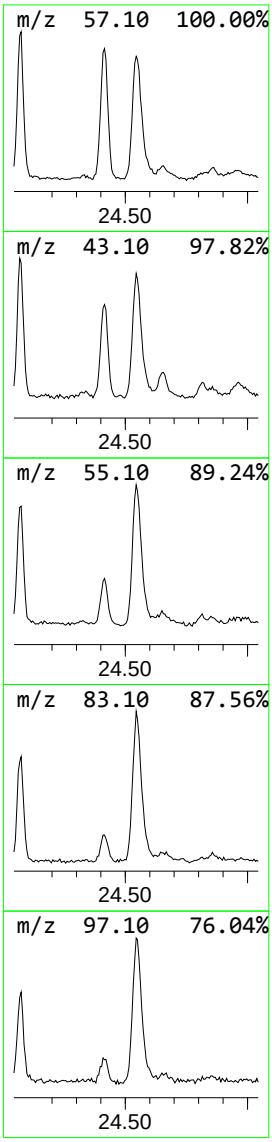
Peak Number 20 1-Heptacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.544	14.63 ng	744271	Perylene-d12	23.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	1-Hexacosanol	382	C26H54O	000506-52-5	91
4	Octacosanol	410	C28H58O	000557-61-9	91
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042517.D
Acq On : 31 Oct 2023 18:57
Operator : MA/JU
Sample : 04938-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-1(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	6.6	ng	188737	1	7.922	573887	20.0
2,3-Dimethyl-1-...	7.710	8.6	ng	245237	1	7.922	573887	20.0
2-Cyclohexen-1-one	8.045	19.5	ng	558282	1	7.922	573887	20.0
Dibenzothiophene	17.139	6.6	ng	347040	4	17.321	1057460	20.0
1-Methyldibenzo...	17.898	4.5	ng	239220	4	17.321	1057460	20.0
4-Methylnaphtho...	18.045	5.1	ng	269566	4	17.321	1057460	20.0
n-Hexadecanoic ...	18.180	40.2	ng	2124330	4	17.321	1057460	20.0
Phenanthrene, 2...	18.239	10.6	ng	560695	4	17.321	1057460	20.0
Phenanthrene, 1...	18.386	11.9	ng	630830	4	17.321	1057460	20.0
Anthracene, 2-m...	18.427	5.2	ng	275577	4	17.321	1057460	20.0
Naphthalene, 2-...	18.692	4.4	ng	231062	4	17.321	1057460	20.0
Phenanthrene, 2...	19.103	5.3	ng	281832	4	17.321	1057460	20.0
Cyclopenta(def)...	19.262	5.8	ng	305932	4	17.321	1057460	20.0
unknown19.315	19.315	5.3	ng	282976	4	17.321	1057460	20.0
Octadecanoic acid	19.456	7.9	ng	911635	5	21.503	2315120	20.0
Heptadecane	22.050	14.9	ng	1726770	5	21.503	2315120	20.0
Nonadecane	23.086	31.6	ng	1606320	6	23.927	1017230	20.0
Benzo[e]pyrene	23.703	12.6	ng	638346	6	23.927	1017230	20.0
Hexacosanal	24.074	13.0	ng	663332	6	23.927	1017230	20.0
1-Heptacosanol	24.544	14.6	ng	744271	6	23.927	1017230	20.0