LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047368.D
Acq On : 27 Aug 2024 17:58
Operator : RC/JU
Sample : P3737-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-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-BM082624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM047368.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.257	59	63	76	rBV	153280	260449	2.82%	0.224%
2	4.563	277	285	295	rBV	143557	218166	2.36%	0.187%
3	5.010	355	361	381	rVB	2446911	3748061	40.56%	3.221%
4	6.575	620	627	640	rBV	2428095	3990129	43.18%	3.429%
5	6.981	691	696	707	rBV	91816	183539	1.99%	0.158%
6	7.351	751	759	767	rBV	984684	1523394	16.49%	1.309%
7	8.498	947	954	963	rBV	1577204	2651323	28.69%	2.279%
8	10.104	1219	1227	1233	rBV	1274422	2115482	22.89%	1.818%
9	10.869	1350	1357	1369	rBV	193591	401772	4.35%	0.345%
10	12.616	1648	1654	1668	rBV	4002269	6075182	65.74%	5.221%
11	13.327	1769	1775	1780	rBV2	61985	113968	1.23%	0.098%
12	13.727	1832	1843	1850	rBV	451091	792858	8.58%	0.681%
13	14.016	1885	1892	1898	rBV	1979106	2980300	32.25%	2.561%
14	14.074	1898	1902	1907	rVV	162132	231165	2.50%	0.199%
15	14.245	1924	1931	1933	rBV	1149925	1655306	17.91%	1.423%
16	14.268	1933	1935	1941	rVB	1306601	1409098	15.25%	1.211%
17	14.421	1956	1961	1968	rVB2	104889	163052	1.76%	0.140%
18	14.486	1968	1972	1981	rBV2	113927	210122	2.27%	0.181%
19	14.821	2020	2029	2031	rBV2	39718	92594	1.00%	0.080%
20	14.904	2038	2043	2051	rVB2	71247	98160	1.06%	0.084%
21	15.074	2066	2072	2078	rBV2	202018	321958	3.48%	0.277%
22	15.374	2118	2123	2134	rVB2	102546	206126	2.23%	0.177%
23	15.527	2142	2149	2157	rBV	3607384	5142613	55.65%	4.420%
24	15.610	2159	2163	2170	rVB4	78993	139078	1.51%	0.120%
25	15.768	2185	2190	2193	rBV4	107038	170115	1.84%	0.146%
26	16.092	2238	2245	2249	rBV3	72704	155098	1.68%	0.133%
27	16.227	2264	2268	2275	rVB5	78473	146761	1.59%	0.126%
28	16.362	2287	2291	2294	rVB3	89418	125433	1.36%	0.108%
29	16.445	2300	2305	2312	rVB	188987	301477	3.26%	0.259%
30	16.521	2313	2318	2323	rVV4	115622	248522	2.69%	0.214%
31	16.568	2323	2326	2328	rVV2	90793	124059	1.34%	0.107%
32	16.598	2328	2331	2341	rVB	188724	349735	3.78%	0.301%
33	16.780	2356	2362	2365	rBV	2455659	3302642	35.74%	2.838%
34	16.821	2365	2369	2376	rVV	3285657	4587186	49.64%	3.942%
35	16.915	2376	2385	2391	rVV	929949	1397241	15.12%	1.201%
36	16.980	2392	2396	2402	rVV3	108157	184048	1.99%	0.158%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047368.D
Acq On : 27 Aug 2024 17:58
Operator : RC/JU
Sample : P3737-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-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-BM082624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.198	2429	2433	2437	rBV	207705	269402	2.92%	0.232%
38	17.309	2448	2452	2457	rBV2	176223	224366	2.43%	0.193%
39	17.368	2458	2462	2471	rVB4	112395	236120	2.56%	0.203%
40	17.486	2478	2482	2491	rVB3	122510	263420	2.85%	0.226%
41	17.586	2495	2499	2503	rBV2	82433	118504	1.28%	0.102%
42	17.657	2507	2511	2515	rVV	644207	932828	10.09%	0.802%
43	17.709	2515	2520	2528	rVV2	1342472	2164053	23.42%	1.860%
44	17.786	2529	2533	2538	rVV	363666	599237	6.48%	0.515%
45	17.851	2539	2544	2548	rVV2	932763	1645234	17.80%	1.414%
46	17.892	2548	2551	2558	rVB	452330	661833	7.16%	0.569%
47	18.168	2594	2598	2602	rBV	445113	556088	6.02%	0.478%
48	18.221	2602	2607	2611	rVB2	294417	420322	4.55%	0.361%
49	18.421	2638	2641	2646	rVB2	164397	204558	2.21%	0.176%
50	18.474	2646	2650	2653	rVV	196066	248149	2.69%	0.213%
51	18.515	2654	2657	2661	rVB	141882	177453	1.92%	0.153%
52	18.592	2666	2670	2675	rBV	428444	736686	7.97%	0.633%
53	18.739	2691	2695	2703	rBV2	488152	768635	8.32%	0.661%
54	18.862	2710	2716	2721	rBV	6531482	8601312	93.08%	7.392%
55	18.968	2731	2734	2738	rVB2	143191	169293	1.83%	0.145%
56	19.015	2738	2742	2747	rBV	493969	665764	7.20%	0.572%
57	19.227	2769	2778	2787	rBV2	5635432	9241054	100.00%	7.942%
58	19.303	2788	2791	2798	rVB2	282137	515491	5.58%	0.443%
59	19.415	2806	2810	2811	rBV	394913	461742	5.00%	0.397%
60	19.451	2811	2816	2820	rVB	5263086	6606376	71.49%	5.677%
61	19.562	2830	2835	2842	rBV3	437299	1062905	11.50%	0.913%
62	19.698	2854	2858	2860	rBV4	397680	603947	6.54%	0.519%
63	19.733	2862	2864	2869	rVB2	629804	792341	8.57%	0.681%
64	19.786	2870	2873	2878	rBV3	217979	316553	3.43%	0.272%
65	19.839	2879	2882	2885	rVB	324261	352921	3.82%	0.303%
66	19.892	2886	2891	2895	rBV2	627800	1013536	10.97%	0.871%
67	20.033	2912	2915	2919	rVB	362822	426321	4.61%	0.366%
68	20.080	2920	2923	2928	rBV2	384517	532957	5.77%	0.458%
69	20.168	2935	2938	2942	rVB	1026021	1053196	11.40%	0.905%
70	20.498	2990	2994	3000	rBV	711518	925297	10.01%	0.795%
71	20.656	3018	3021	3024	rVB2	437748	493677	5.34%	0.424%
72	20.692	3025	3027	3031	rVV	407329	449473	4.86%	0.386%
73	20.733	3031	3034	3035	rVV	355772	426781	4.62%	0.367%
74	20.756	3035	3038	3042	rVV3	792015	1087715	11.77%	0.935%
75	20.797	3042	3045	3055	rVB	769058	1068160	11.56%	0.918%
76	21.015	3077	3082	3088	rBV2	3212622	7120608	77.05%	6.119%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047368.D
Acq On : 27 Aug 2024 17:58
Operator : RC/JU
Sample : P3737-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-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-BM082624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.068	3088	3091	3102	rVB	2603620	3559152	38.51%	3.059%
78	22.886	3395	3400	3407	rBV	1804125	4521955	48.93%	3.886%
79	23.480	3497	3501	3513	rVB	1055566	2497574	27.03%	2.146%
80	23.603	3516	3522	3531	rVB	1604354	3454779	37.39%	2.969%
81	23.733	3538	3544	3550	rBV	1056234	2296873	24.86%	1.974%

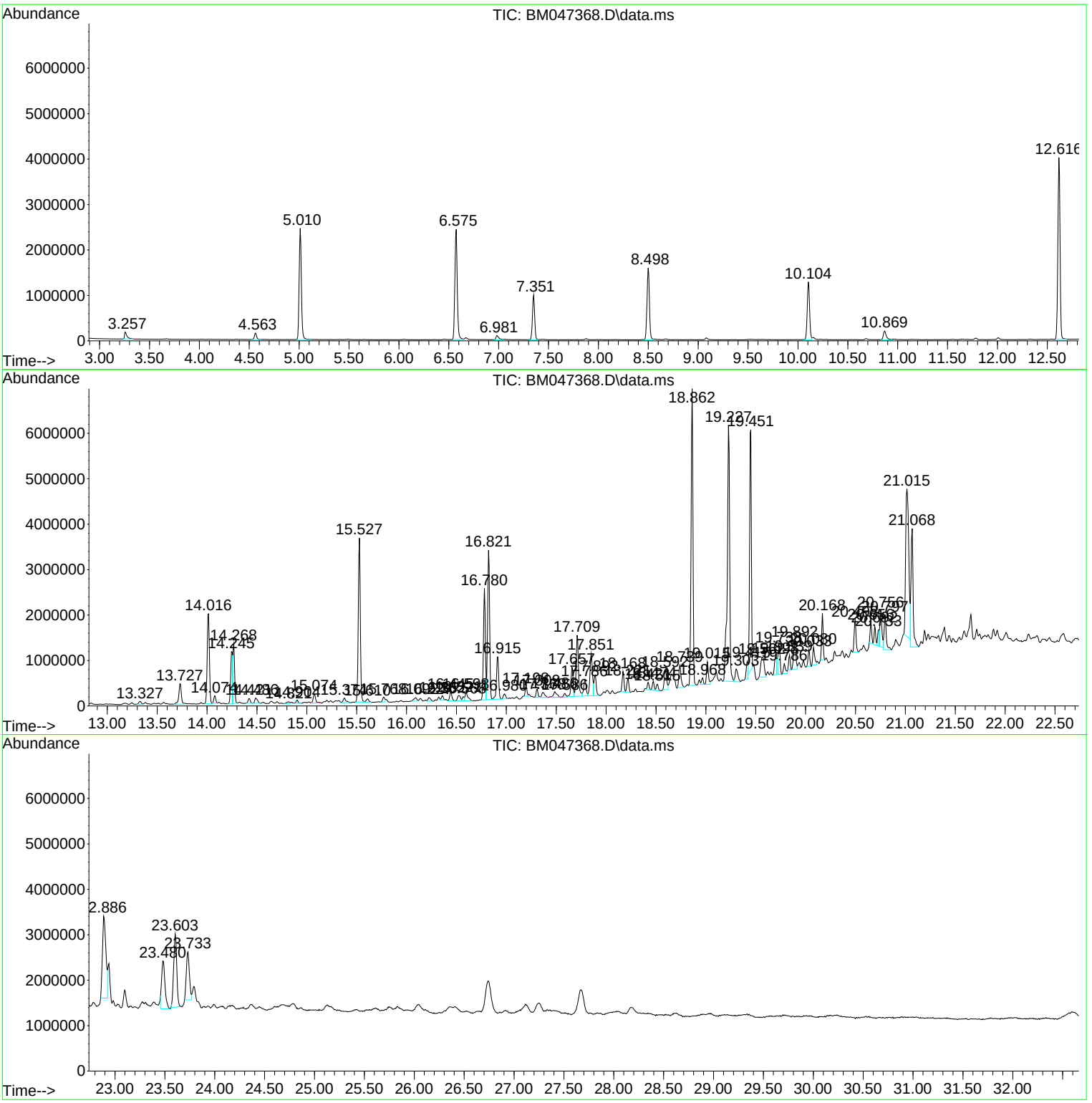
Sum of corrected areas: 116360853

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047368.D
Acq On : 27 Aug 2024 17:58
Operator : RC/JU
Sample : P3737-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.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\BM082724\
Data File : BM047368.D
Acq On : 27 Aug 2024 17:58
Operator : RC/JU
Sample : P3737-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

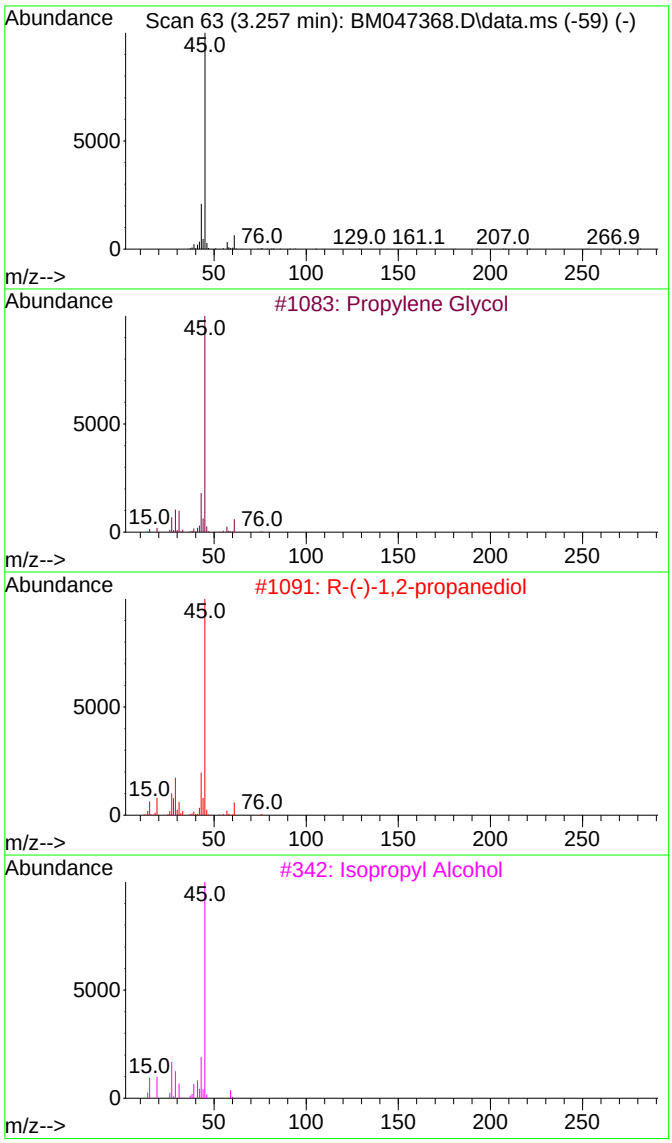
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

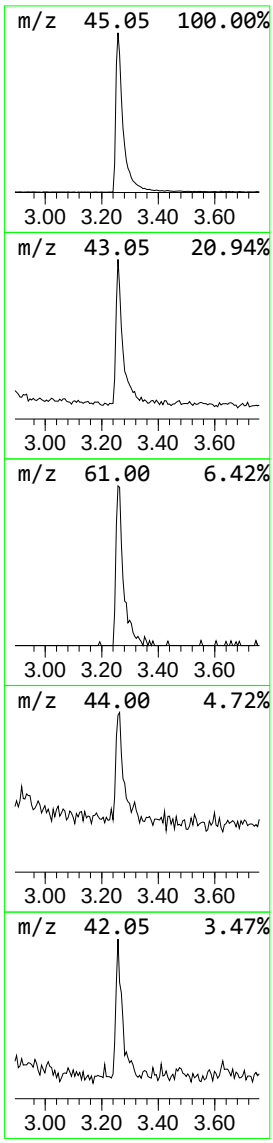
****

Peak Number 1 Propylene Glycol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.257	3.42 ng	260449	1,4-Dichlorobenzene-d4	7.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	86
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	72
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	40
5	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047368.D
Acq On : 27 Aug 2024 17:58
Operator : RC/JU
Sample : P3737-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-2

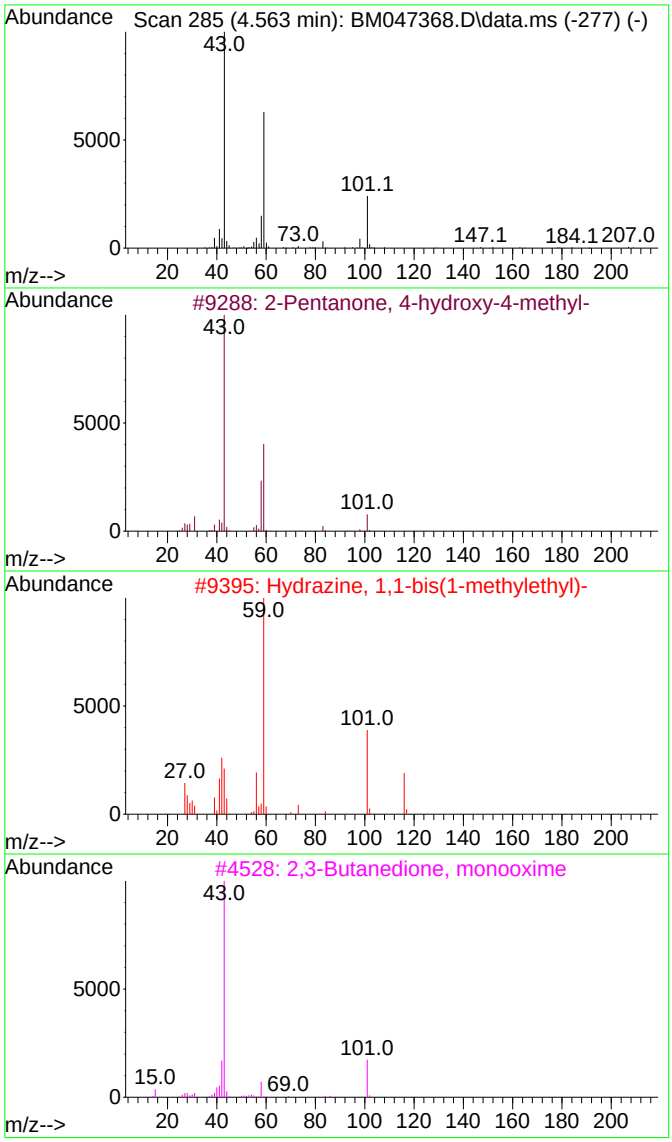
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

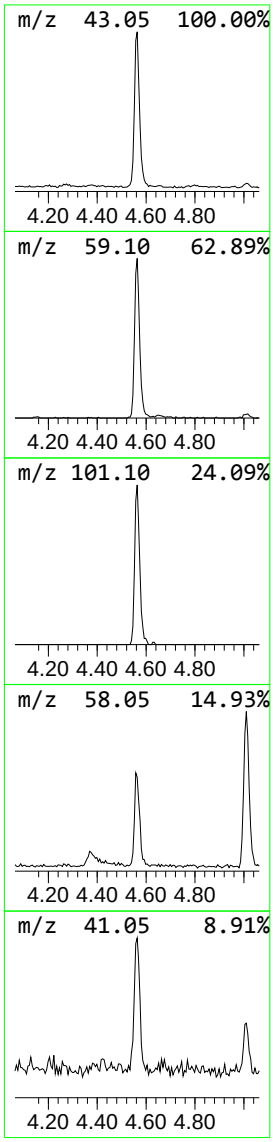
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.563	2.86 ng	218166	1,4-Dichlorobenzene-d4	7.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
5	3-Hexanol	102	C6H14O	000623-37-0	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047368.D
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BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

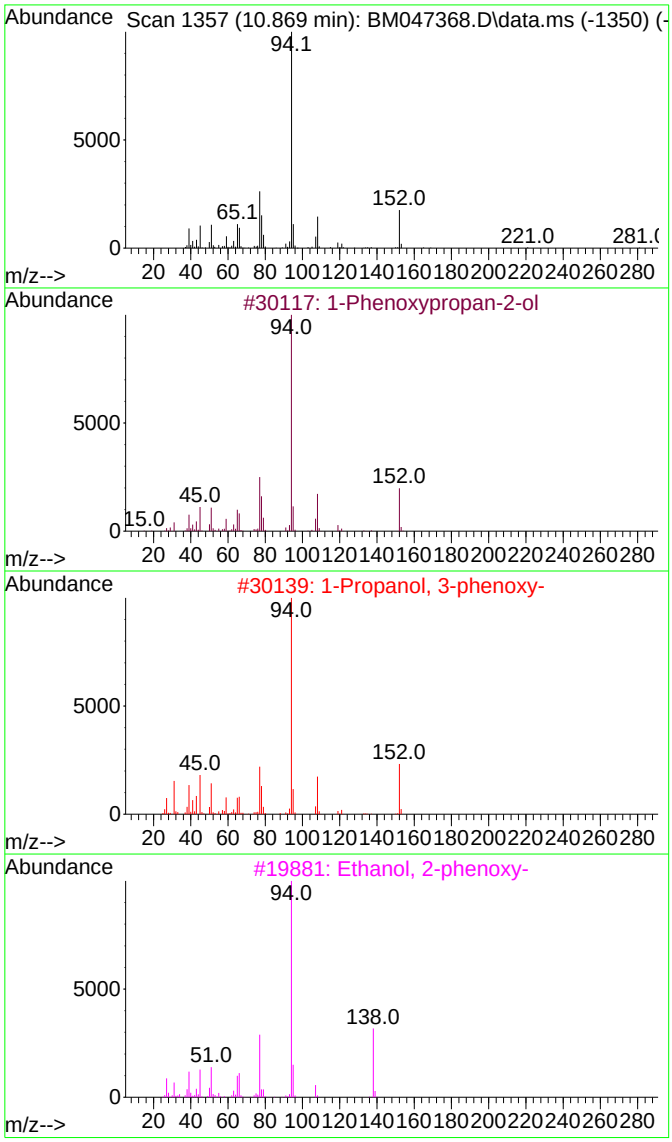
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

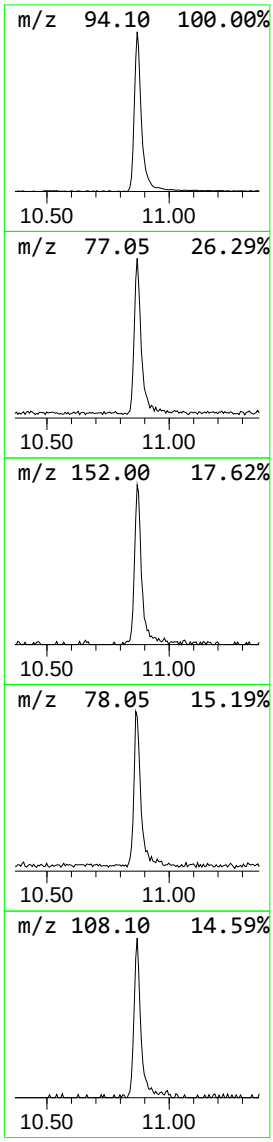
****

Peak Number 3 1-Phenoxypropan-2-ol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.869	3.80 ng	401772	Naphthalene-d8	10.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	83
3	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	64
4	1-Propanol, 2-phenoxy-	152	C9H12O2	004169-04-4	64
5	Carbonic acid, neopentyl phenyl ...	208	C12H16O3	013183-19-2	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047368.D
Acq On : 27 Aug 2024 17:58
Operator : RC/JU
Sample : P3737-02
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

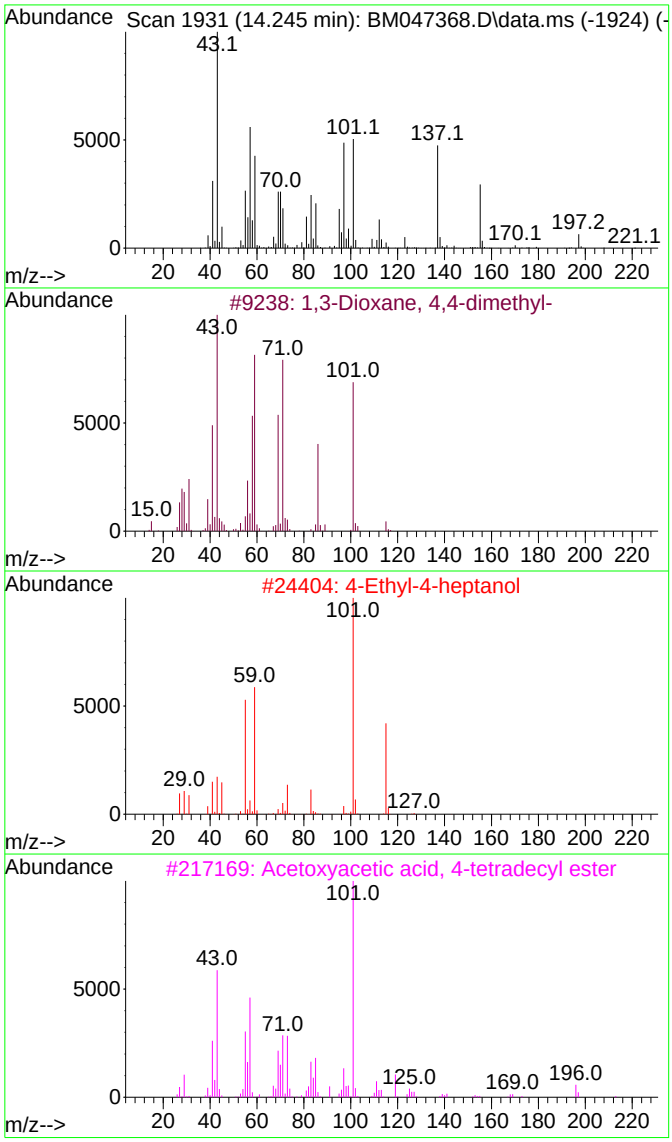
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

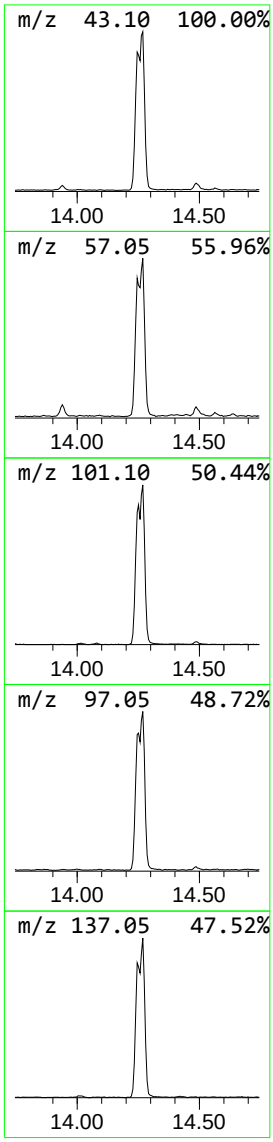
****

Peak Number 4 unknown14.245 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.245	11.11 ng	1655310	Acenaphthene-d10	14.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxane, 4,4-dimethyl-	116	C6H12O2	000766-15-4	14
2	4-Ethyl-4-heptanol	144	C9H20O	000597-90-0	12
3	Acetoxyacetic acid, 4-tetradecyl...	314	C18H34O4	1000308-80-9	10
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	10
5	Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047368.D
Acq On : 27 Aug 2024 17:58
Operator : RC/JU
Sample : P3737-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

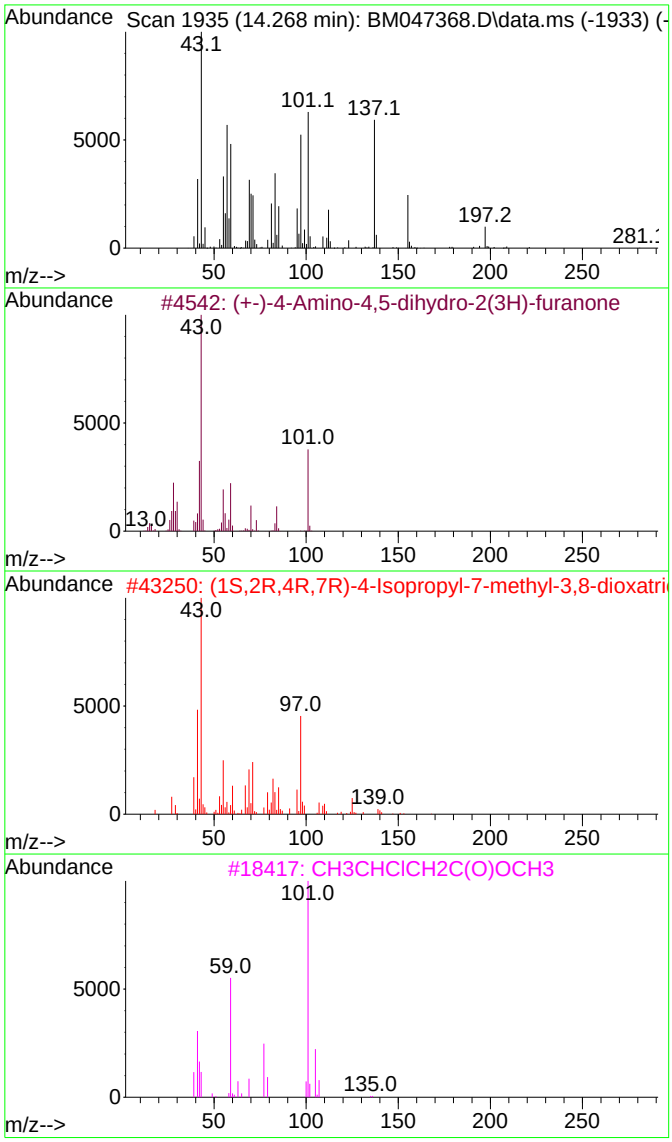
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

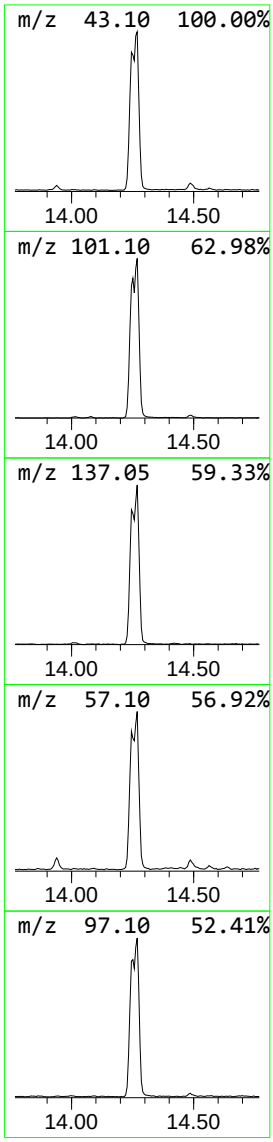
****

Peak Number 5 unknown14.269 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.269	9.46 ng	1409100	Acenaphthene-d10	14.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	22
2	(1S,2R,4R,7R)-4-Isopropyl-7-meth...	168	C10H16O2	001619-26-7	14
3	CH3CHClCH2C(O)OCH3	136	C5H9ClO2	000817-76-5	14
4	2-Isopropyloxan-4-ol	144	C8H16O2	1000411-56-6	12
5	Succinic acid, 2-ethylhexyl hex-...	312	C18H32O4	1000391-28-4	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047368.D
Acq On : 27 Aug 2024 17:58
Operator : RC/JU
Sample : P3737-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

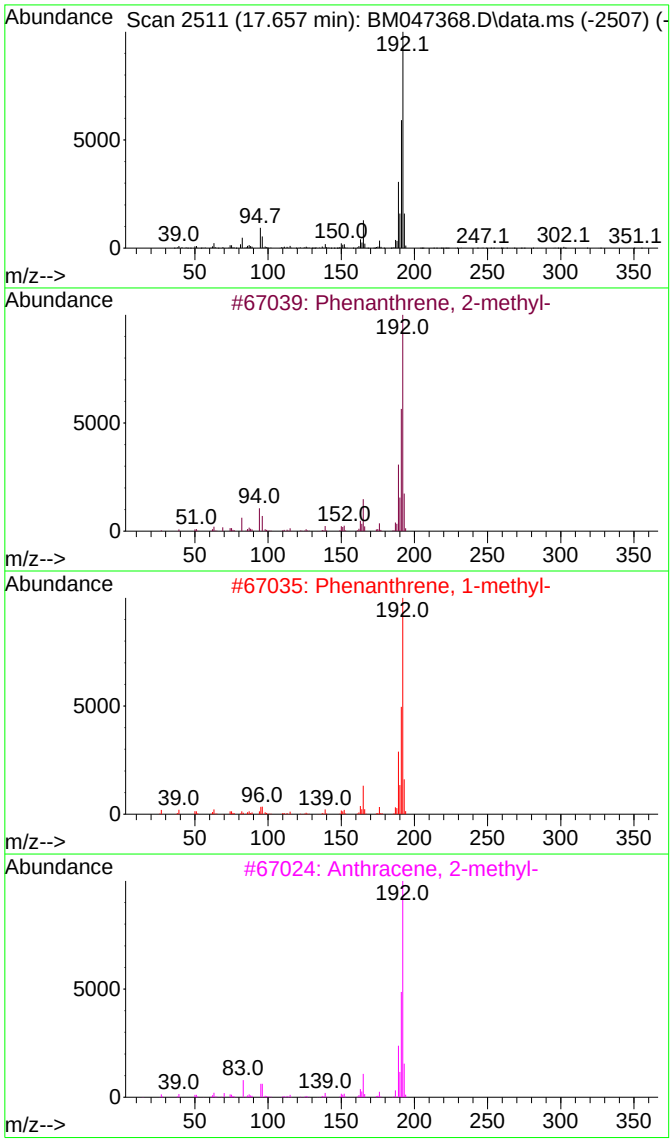
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

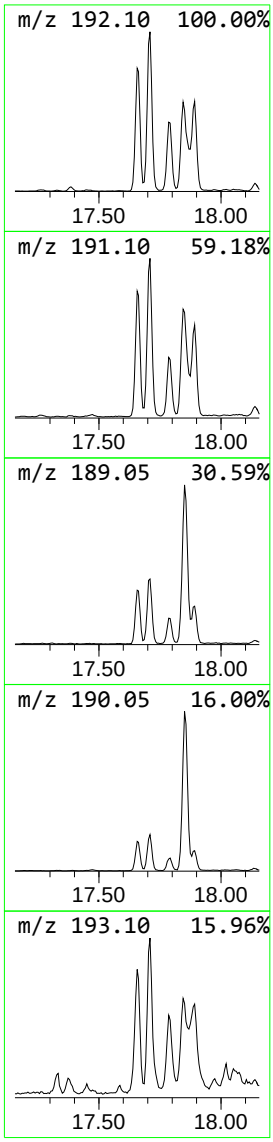
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.657	5.65 ng	932828	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Operator : RC/JU
Sample : P3737-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

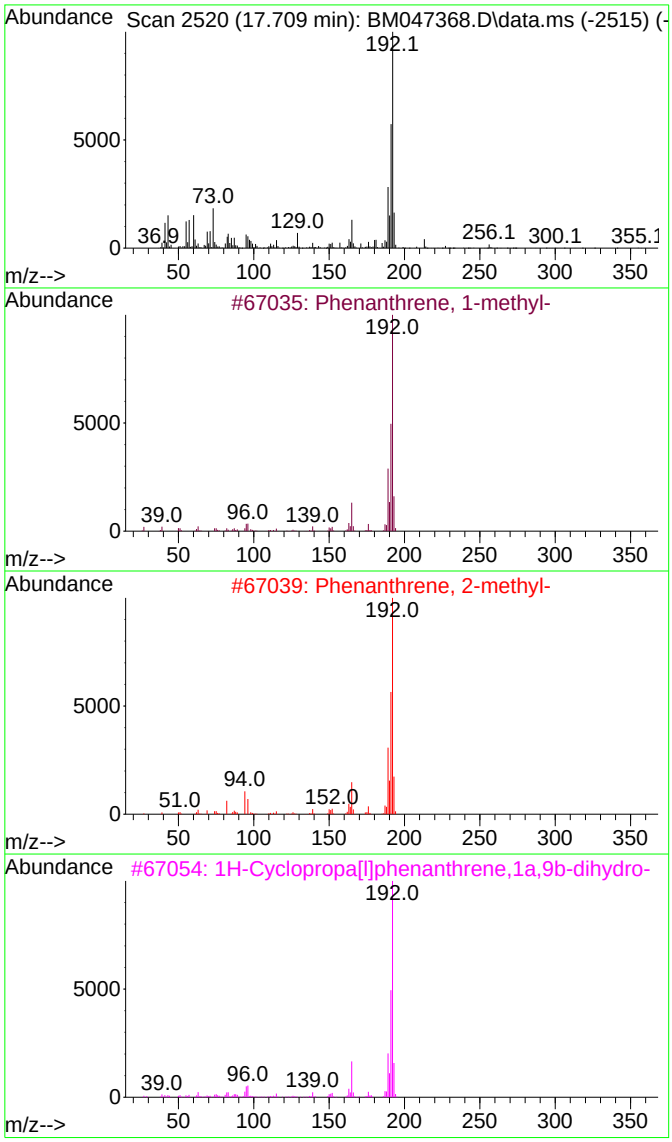
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

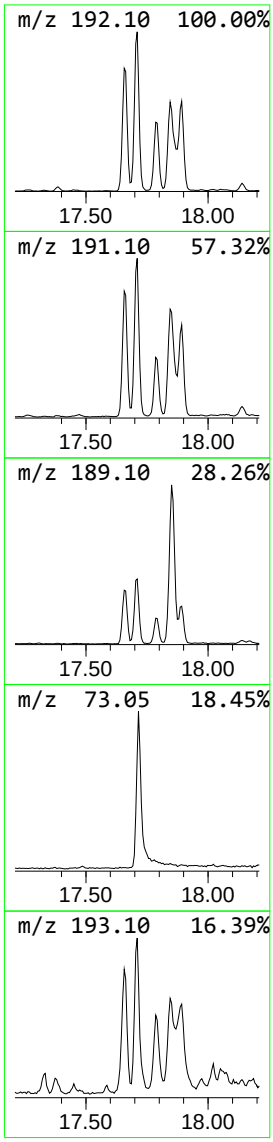
****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.709	13.11 ng	2164050	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

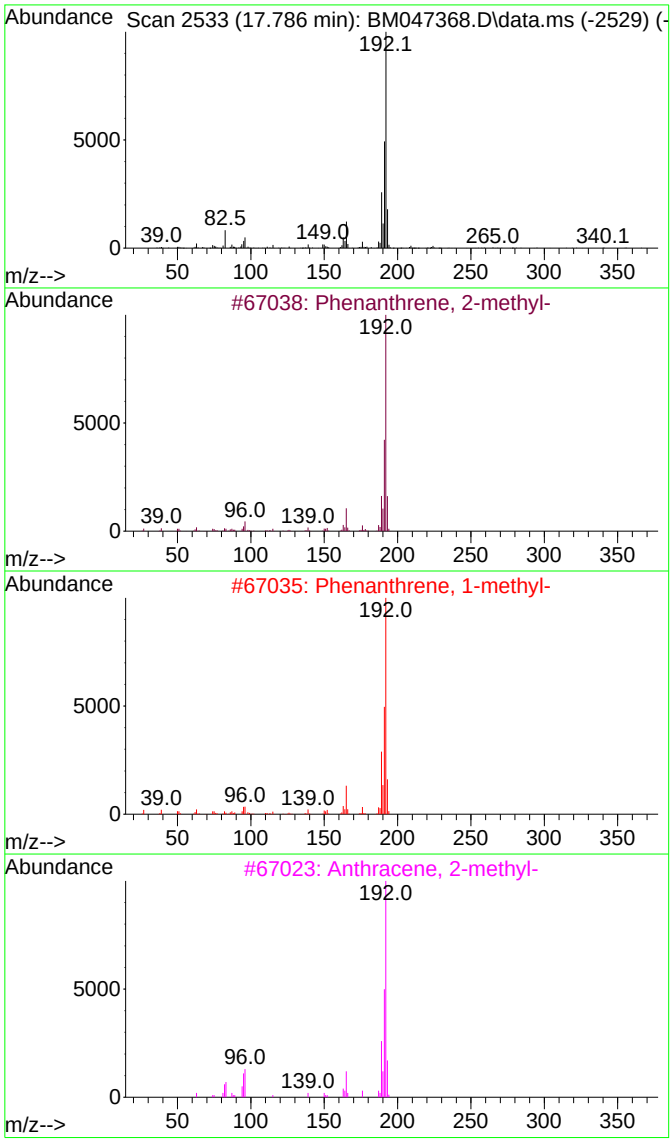
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

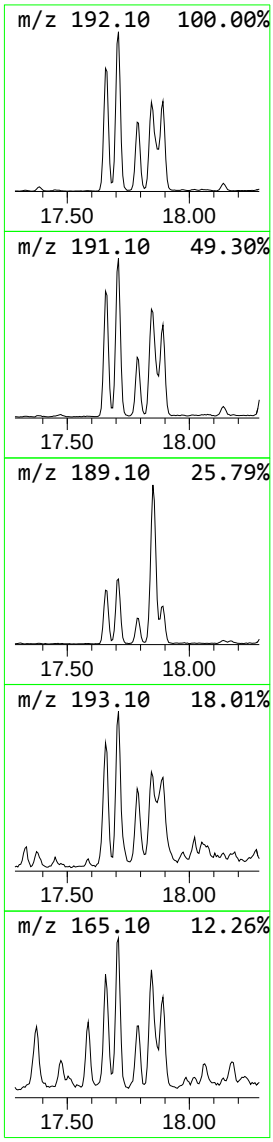
****

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.786	3.63 ng	599237	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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ALS Vial : 15 Sample Multiplier: 1

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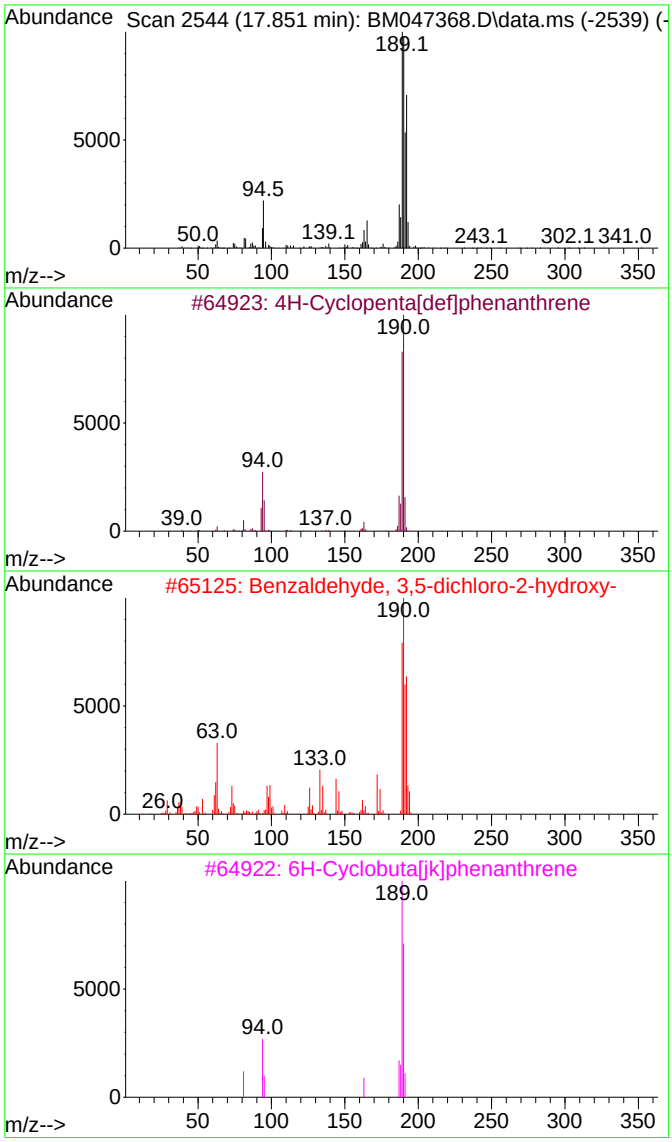
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

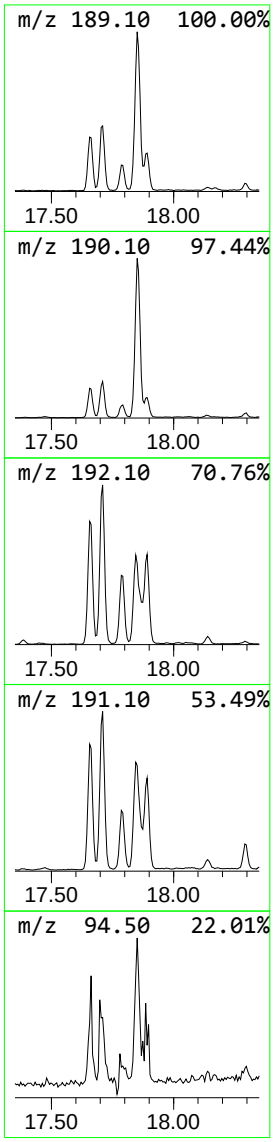
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.851	9.96 ng	1645230	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35





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Sample : P3737-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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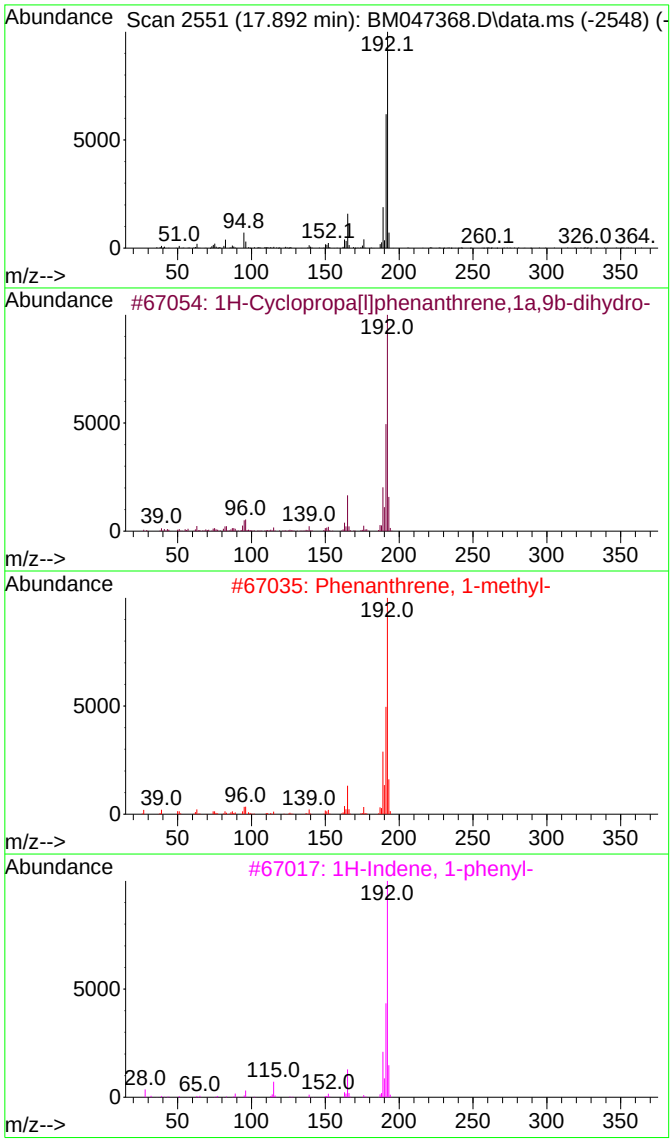
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

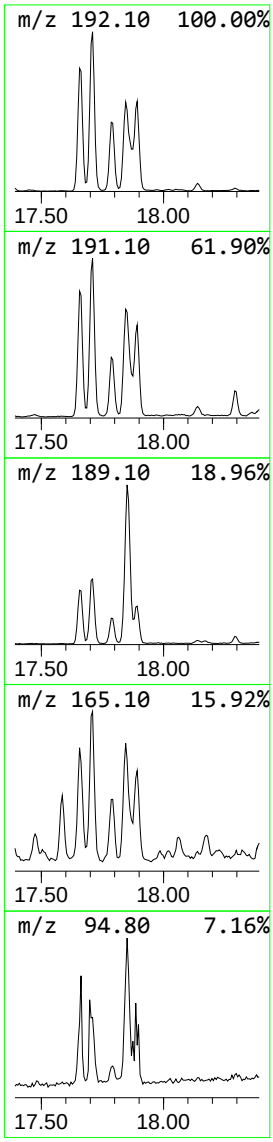
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.892	4.01 ng	661833	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	81
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	80





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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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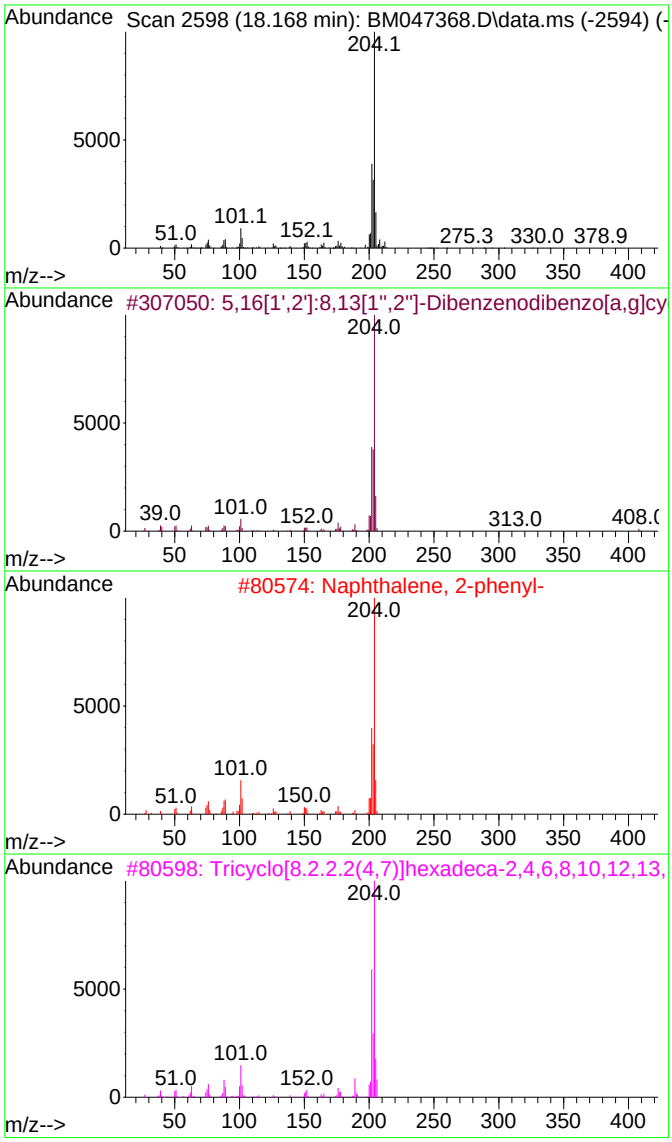
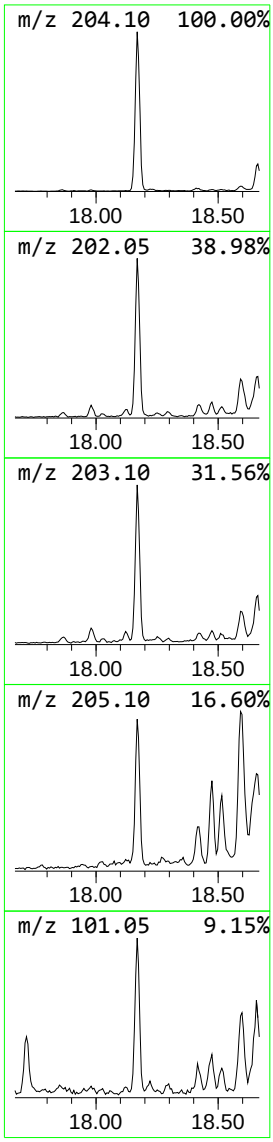
Peak Number 11 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	3.37 ng	556088	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	55
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53





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Misc :
ALS Vial : 15 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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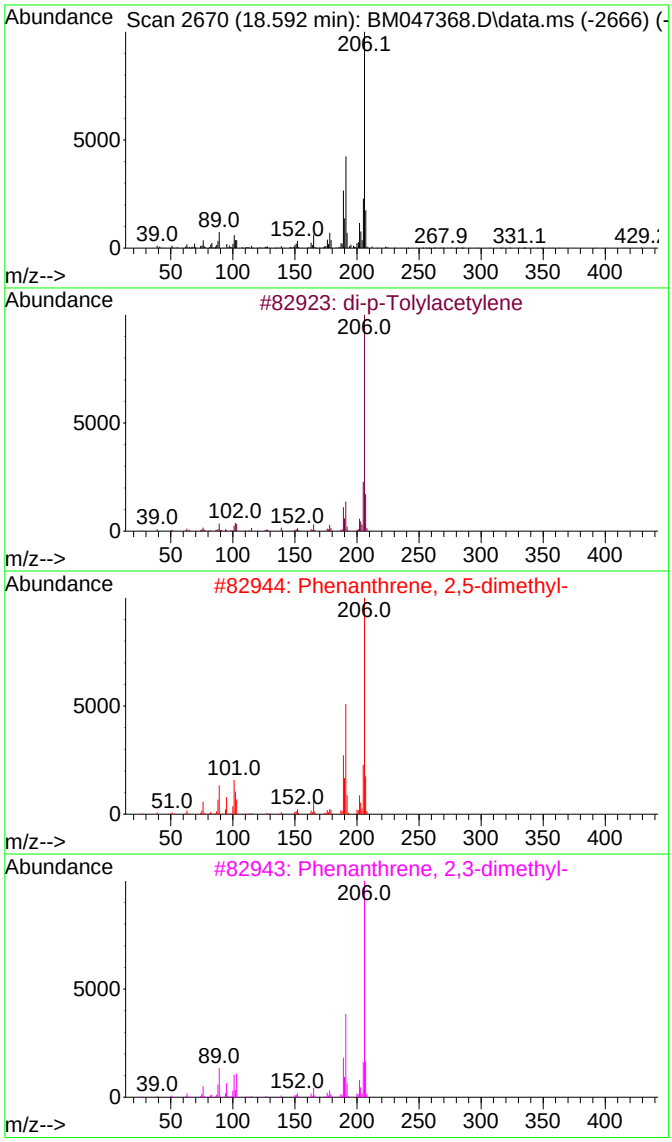
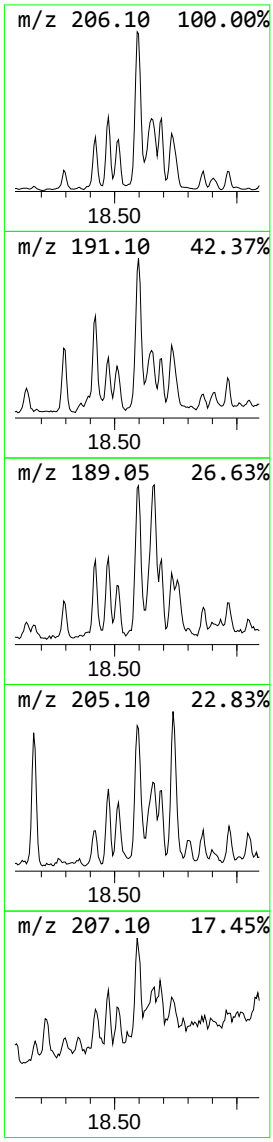
Peak Number 12 di-p-Tolylacetylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.592	4.46 ng	736686	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Sample : P3737-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

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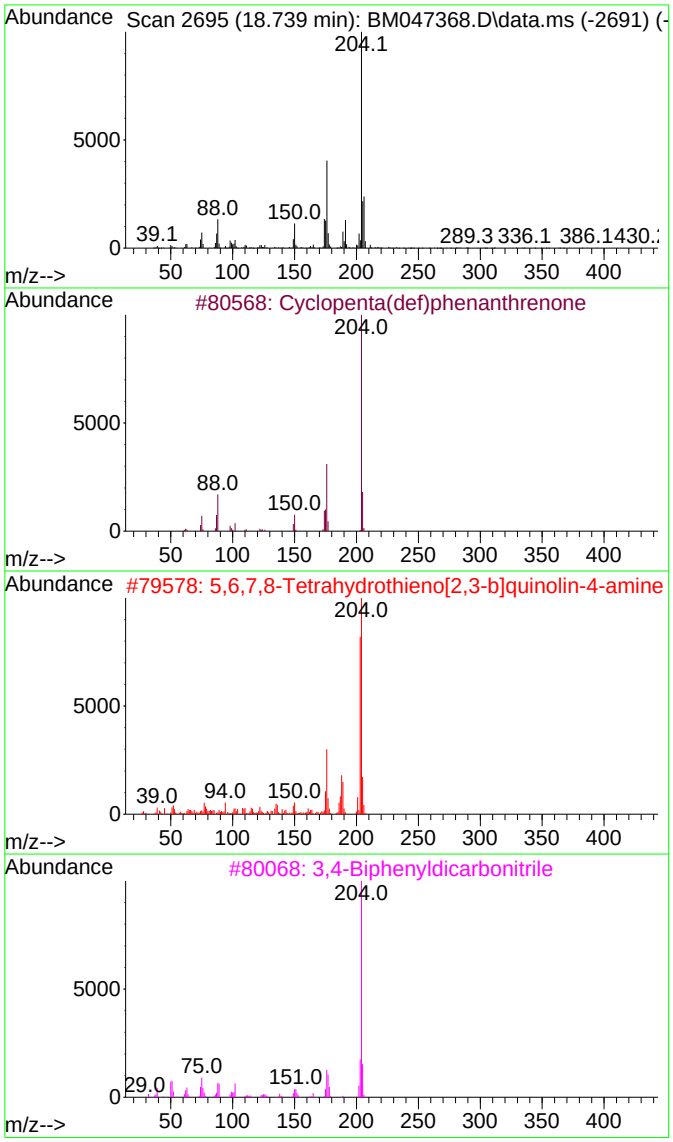
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

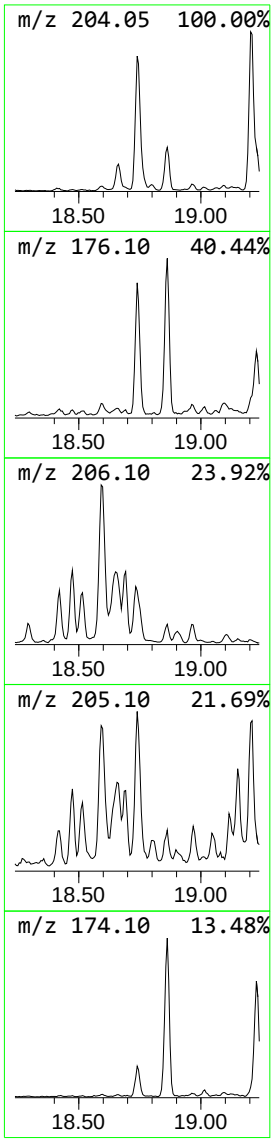
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.739	4.65 ng	768635	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43





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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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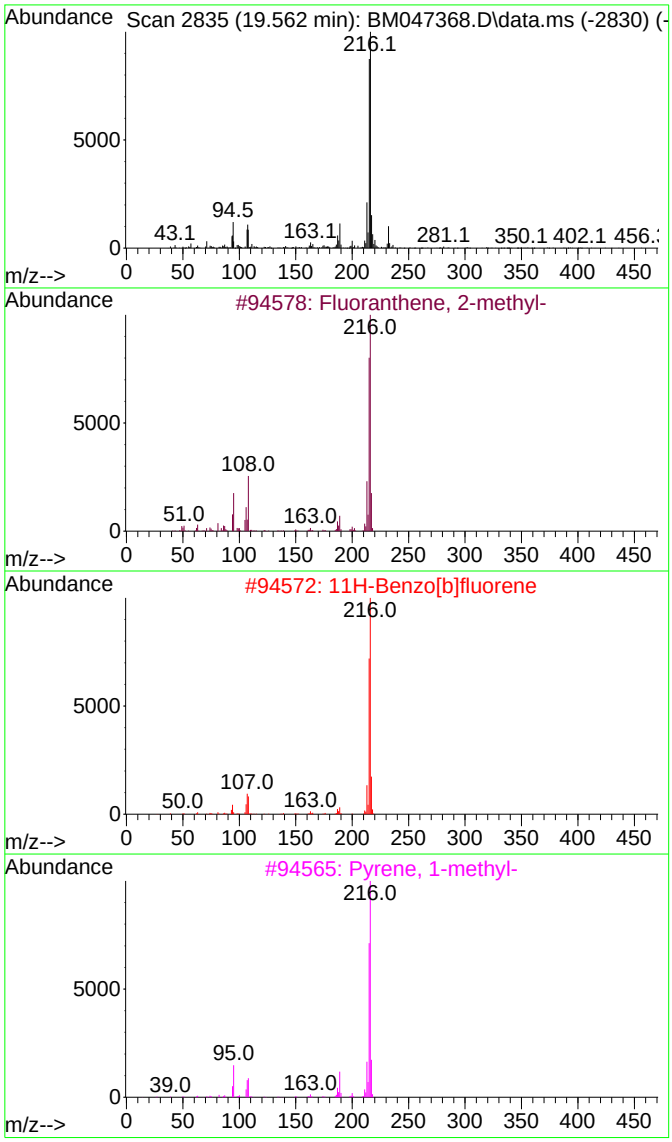
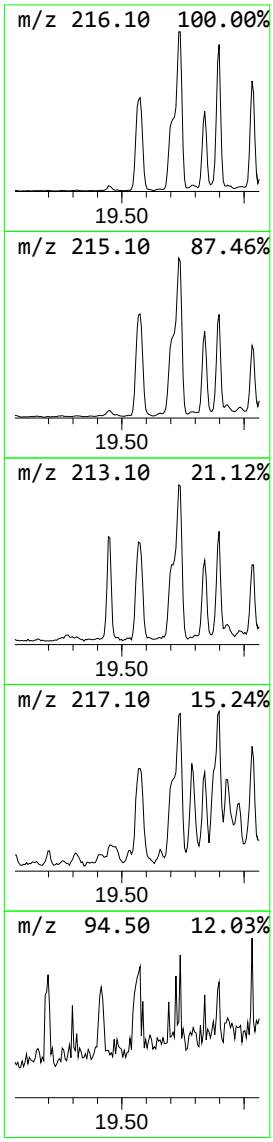
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.562	2.99 ng	1062910	Chrysene-d12	21.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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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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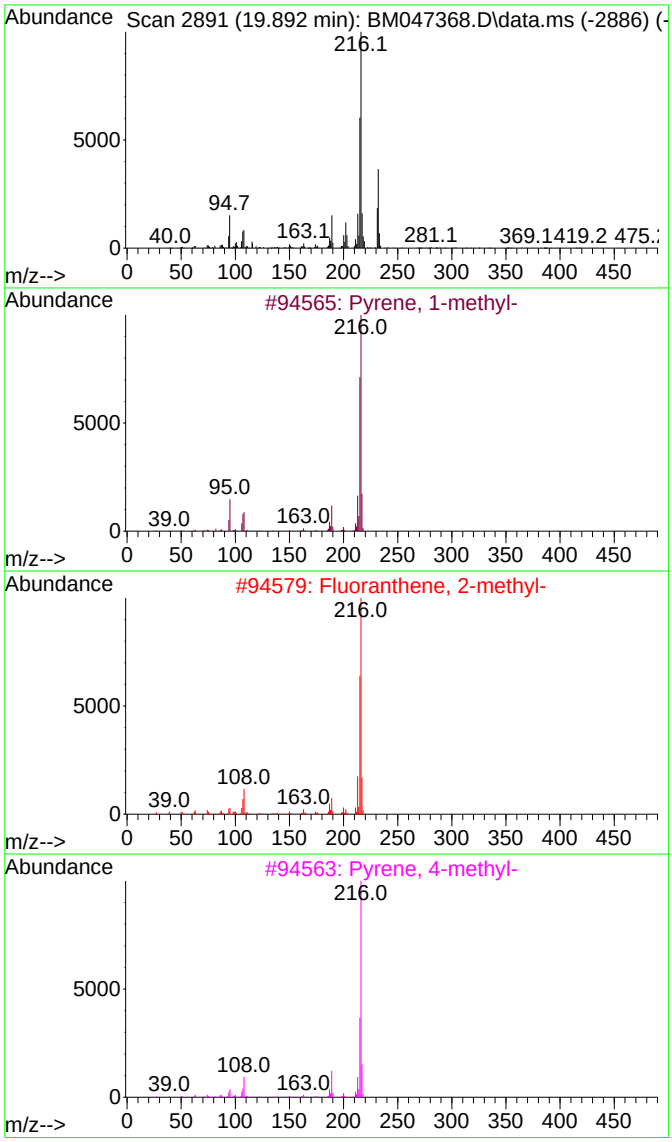
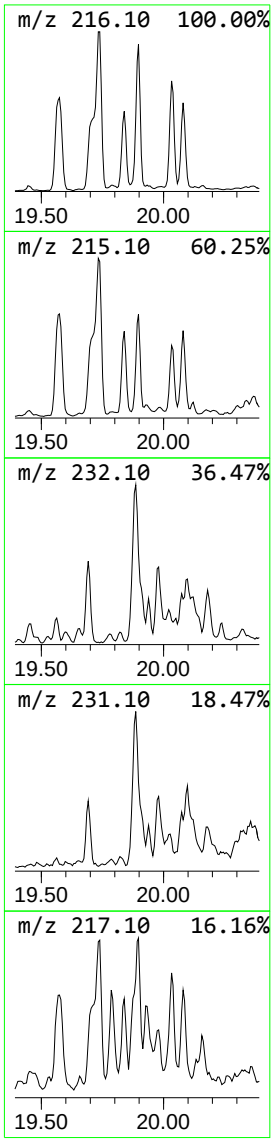
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.892	2.85 ng	1013540	Chrysene-d12	21.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76





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ALS Vial : 15 Sample Multiplier: 1

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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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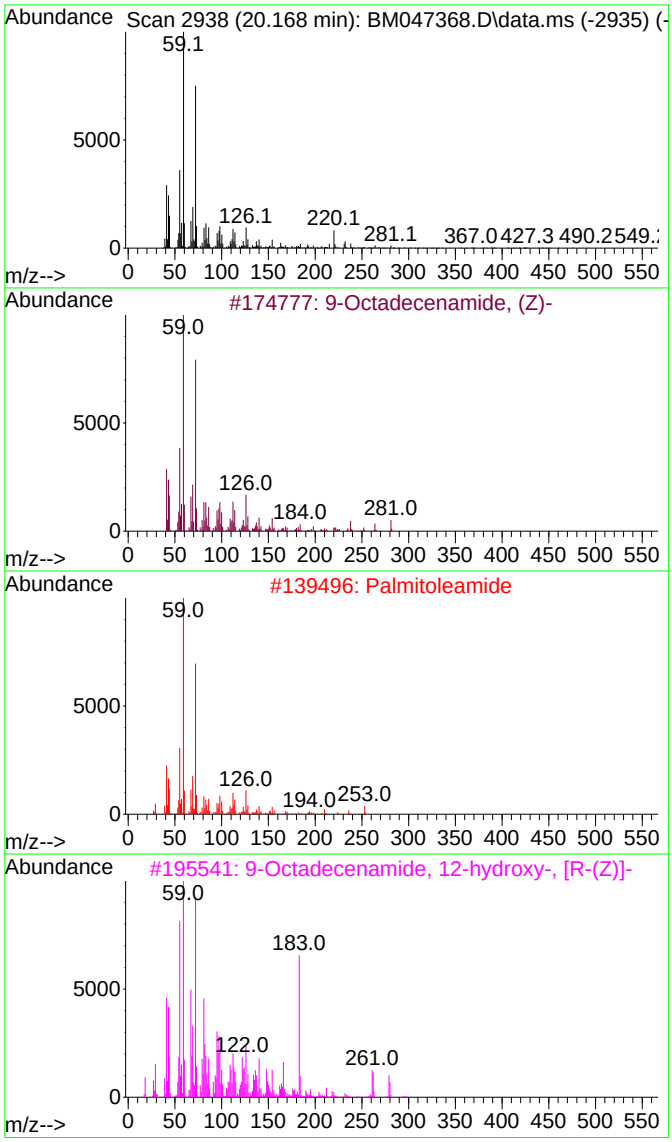
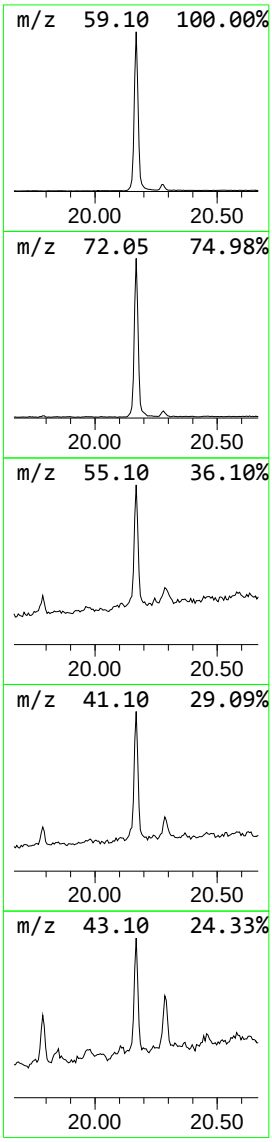
Peak Number 16 9-Octadecenamide, (Z)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.168	2.96 ng	1053200	Chrysene-d12	21.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	97
2	Palmitoleamide	253	C16H31NO	106010-22-4	80
3	9-Octadecenamide, 12-hydroxy-, [...	297	C18H35NO2	035732-94-6	52
4	Dodecanamide	199	C12H25NO	001120-16-7	47
5	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	43





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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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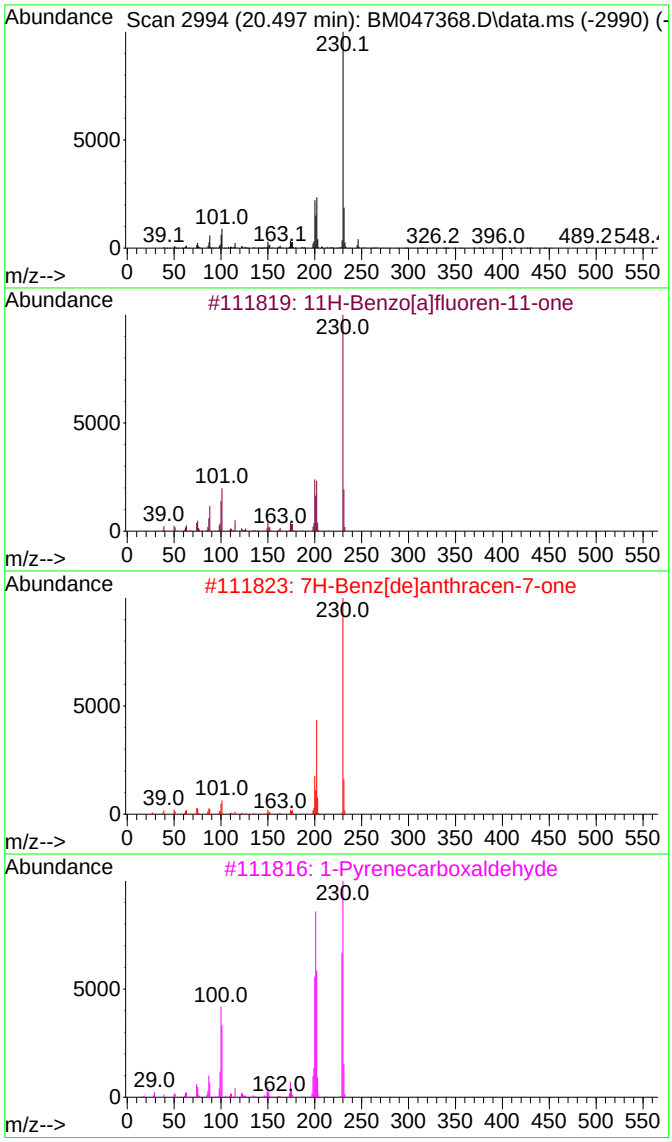
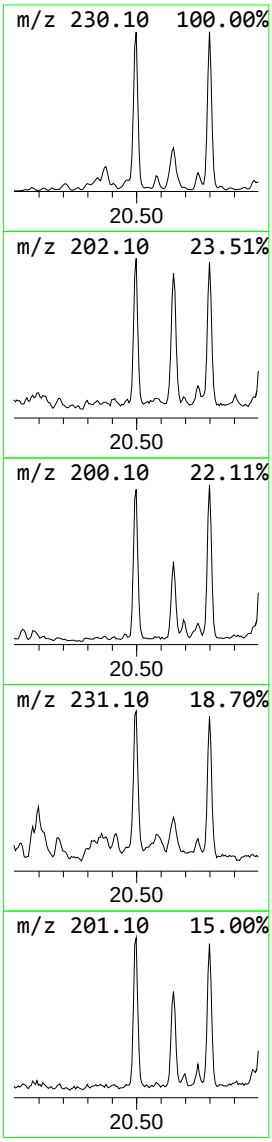
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.497	2.60 ng	925297	Chrysene-d12	21.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	95
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	68





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BNA_M
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.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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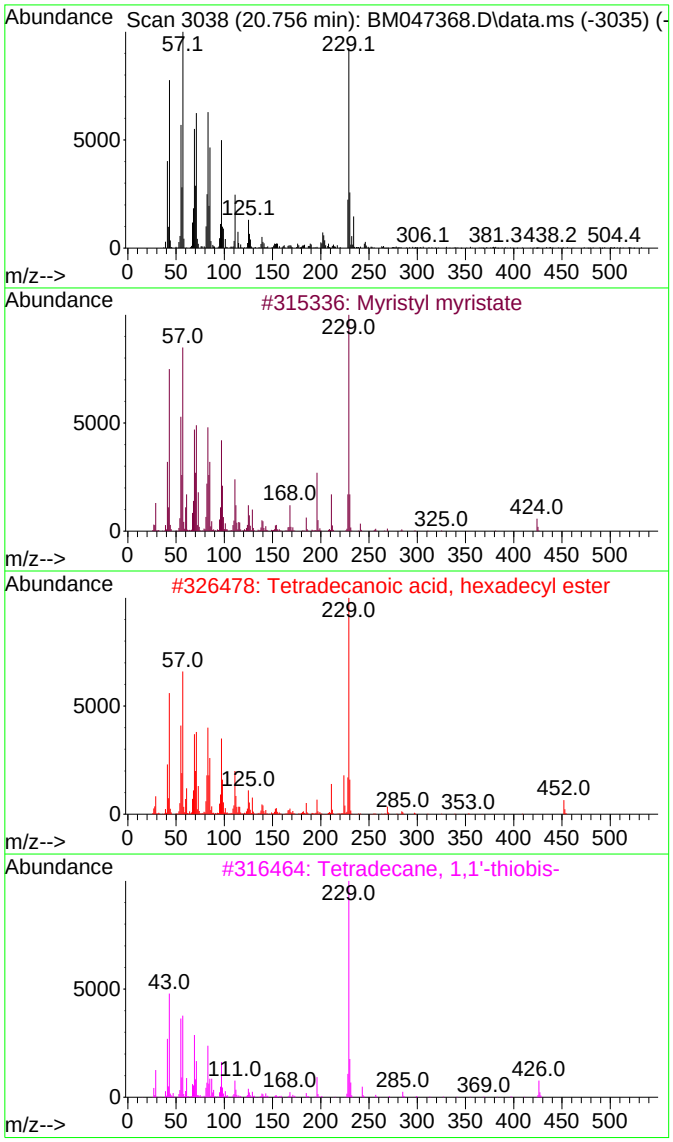
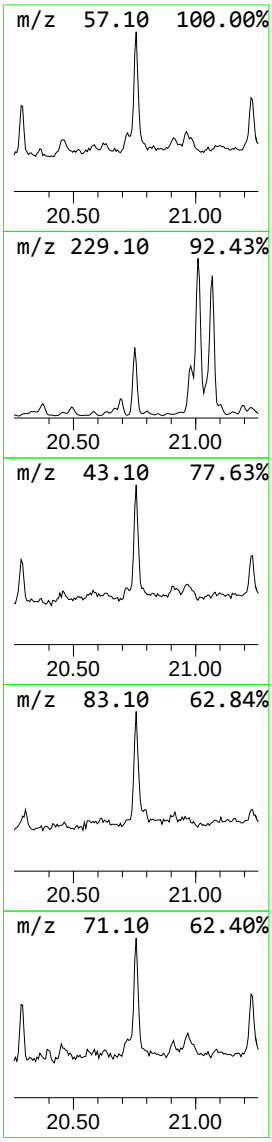
Peak Number 18 Myristyl myristate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.756	3.06 ng	1087720	Chrysene-d12	21.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristyl myristate	424	C28H56O2	003234-85-3	72
2	Tetradecanoic acid, hexadecyl ester	452	C30H60O2	002599-01-1	72
3	Tetradecane, 1,1'-thiobis-	426	C28H58S	035599-83-8	50
4	Tetradecanoic acid, octyl ester	340	C22H44O2	016260-26-7	38
5	Benzo(a)acridine	229	C17H11N	000225-11-6	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047368.D
Acq On : 27 Aug 2024 17:58
Operator : RC/JU
Sample : P3737-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.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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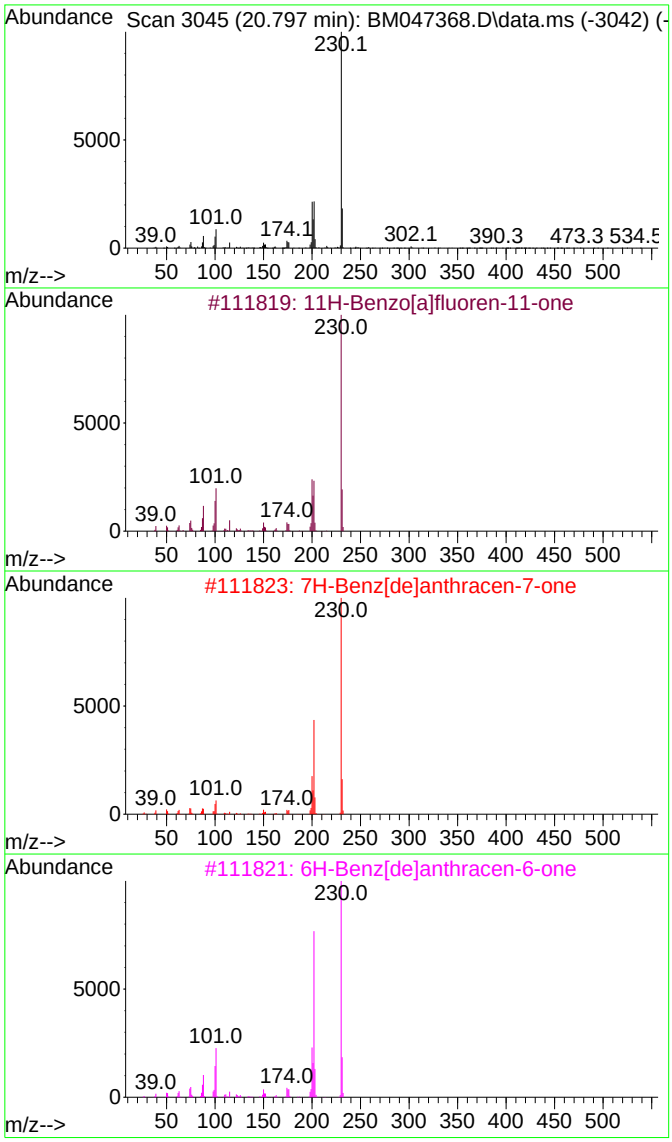
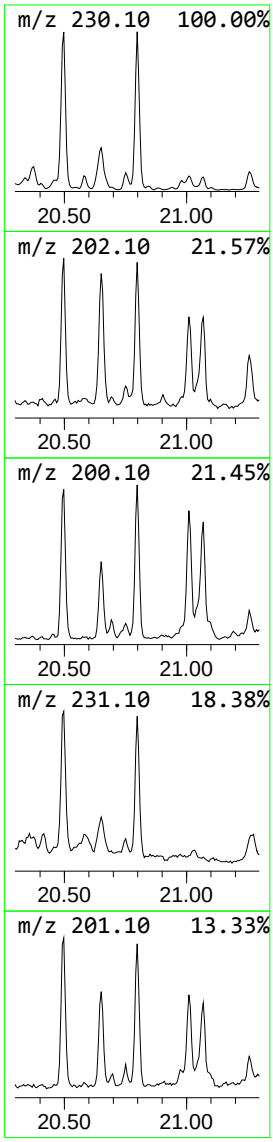
Peak Number 19 7H-Benz[de]anthracen-7-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.797	3.00 ng	1068160	Chrysene-d12	21.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	68
4	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	59
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047368.D
Acq On : 27 Aug 2024 17:58
Operator : RC/JU
Sample : P3737-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.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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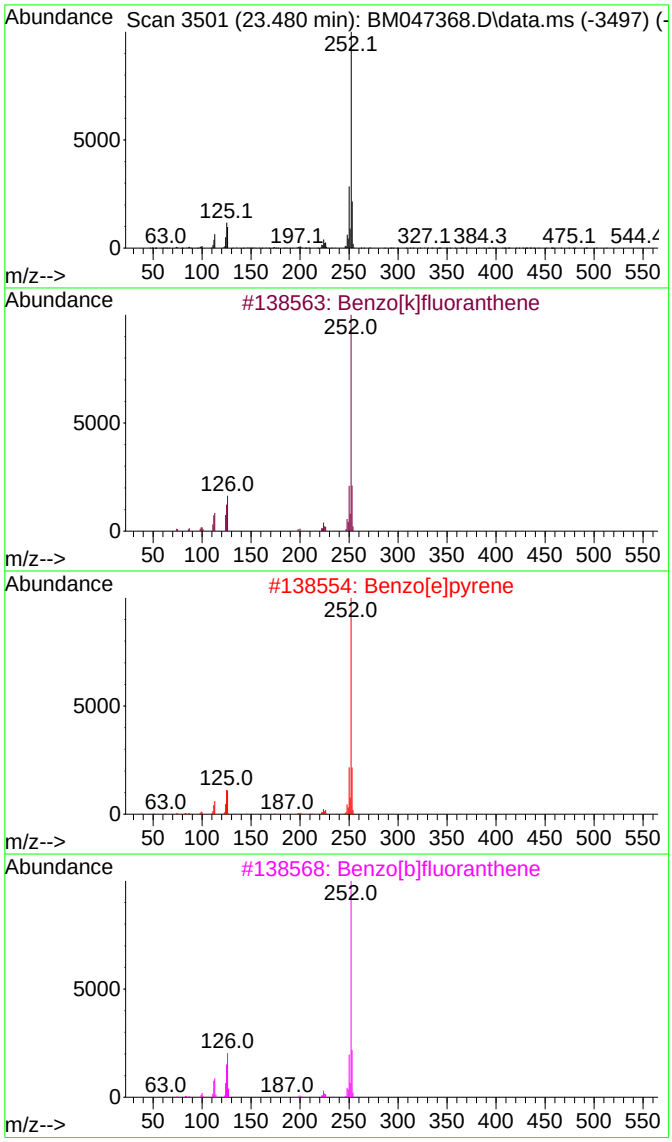
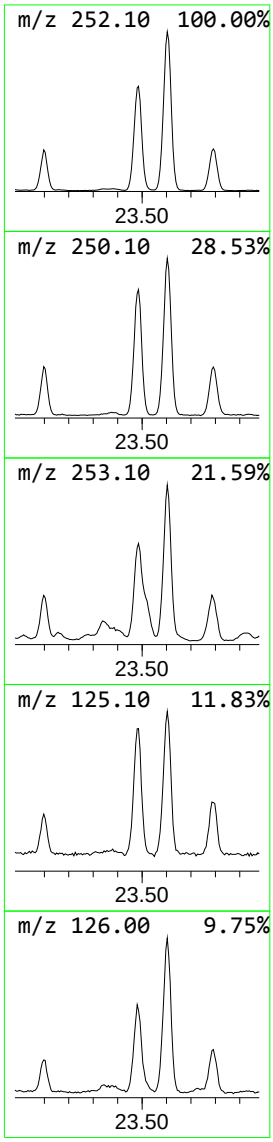
Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.480	21.75 ng	2497570	Perylene-d12	23.733

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[b]fluoranthene	252	C20H12	000205-99-2	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047368.D
Acq On : 27 Aug 2024 17:58
Operator : RC/JU
Sample : P3737-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.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
Propylene Glycol	3.257	3.4	ng	260449	1	7.351	1523390	20.0
2-Pentanone, 4-...	4.563	2.9	ng	218166	1	7.351	1523390	20.0
1-Phenoxypropan...	10.869	3.8	ng	401772	2	10.104	2115480	20.0
unknown14.245	14.245	11.1	ng	1655310	3	14.016	2980300	20.0
unknown14.269	14.269	9.5	ng	1409100	3	14.016	2980300	20.0
Phenanthrene, 2...	17.657	5.7	ng	932828	4	16.780	3302640	20.0
Phenanthrene, 1...	17.709	13.1	ng	2164050	4	16.780	3302640	20.0
Anthracene, 2-m...	17.786	3.6	ng	599237	4	16.780	3302640	20.0
4H-Cyclopenta[d...	17.851	10.0	ng	1645230	4	16.780	3302640	20.0
1H-Cyclopropa[l...	17.892	4.0	ng	661833	4	16.780	3302640	20.0
5,16[1',2']:8,1...	18.168	3.4	ng	556088	4	16.780	3302640	20.0
di-p-Tolylacety...	18.592	4.5	ng	736686	4	16.780	3302640	20.0
Cyclopenta(def)...	18.739	4.7	ng	768635	4	16.780	3302640	20.0
Fluoranthene, 2...	19.562	3.0	ng	1062910	5	21.027	7120610	20.0
Pyrene, 1-methyl-	19.892	2.9	ng	1013540	5	21.027	7120610	20.0
9-Octadecenamid...	20.168	3.0	ng	1053200	5	21.027	7120610	20.0
11H-Benzo[a]flu...	20.497	2.6	ng	925297	5	21.027	7120610	20.0
Myristyl myristate	20.756	3.1	ng	1087720	5	21.027	7120610	20.0
7H-Benz[de]anth...	20.797	3.0	ng	1068160	5	21.027	7120610	20.0
Benzo[e]pyrene	23.480	21.8	ng	2497570	6	23.733	2296870	20.0