LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
Data File : BM047340.D
Acq On : 23 Aug 2024 19:27
Operator : RC/JU
Sample : P3703-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-8-21-2024

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-BM081024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM047340.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.263	62	64	79	rVB	58115	107184	3.43%	0.257%
2	4.569	280	286	293	rVB	76569	115171	3.69%	0.276%
3	5.010	355	361	377	rBV	1277073	1914685	61.35%	4.597%
4	5.393	422	426	433	rBV3	18549	34853	1.12%	0.084%
5	6.569	620	626	638	rBV	1135760	1915750	61.38%	4.599%
6	7.022	695	703	708	rBV5	25180	72687	2.33%	0.175%
7	7.351	750	759	767	rBV	582541	882833	28.29%	2.119%
8	7.881	844	849	859	rVB2	22239	44001	1.41%	0.106%
9	8.498	947	954	964	rBV	765307	1267858	40.62%	3.044%
10	9.092	1050	1055	1064	rBV3	26633	56048	1.80%	0.135%
11	10.104	1220	1227	1233	rBV	685238	1146045	36.72%	2.751%
12	10.157	1233	1236	1245	rVB2	32564	59970	1.92%	0.144%
13	10.875	1352	1358	1368	rBV	53035	125979	4.04%	0.302%
14	11.145	1399	1404	1409	rBV4	14624	31693	1.02%	0.076%
15	11.645	1483	1489	1496	rBV4	14288	34505	1.11%	0.083%
16	11.786	1507	1513	1520	rVB	42288	74053	2.37%	0.178%
17	12.010	1544	1551	1555	rBV	54178	87684	2.81%	0.211%
18	12.616	1647	1654	1670	rBV	1883275	2804506	89.86%	6.733%
19	12.839	1689	1692	1699	rVB3	29417	45753	1.47%	0.110%
20	13.169	1742	1748	1756	rBV4	33982	96535	3.09%	0.232%
21	13.245	1758	1761	1767	rBV4	21822	31675	1.01%	0.076%
22	13.327	1769	1775	1780	rBV	76562	129644	4.15%	0.311%
23	13.380	1780	1784	1788	rBV2	39974	57082	1.83%	0.137%
24	13.463	1794	1798	1803	rBV	47730	75583	2.42%	0.181%
25	13.563	1811	1815	1819	rBV	43059	65385	2.09%	0.157%
26	13.727	1838	1843	1858	rVB	245186	389993	12.50%	0.936%
27	13.939	1876	1879	1883	rBV	33881	37738	1.21%	0.091%
28	14.010	1885	1891	1898	rVV	1051382	1498554	48.02%	3.598%
29	14.074	1898	1902	1912	rVB	63607	116274	3.73%	0.279%
30	14.245	1925	1931	1932	rBV	487888	567608	18.19%	1.363%
31	14.263	1932	1934	1940	rVB	549002	720513	23.09%	1.730%
32	14.421	1958	1961	1968	rVB	56843	97476	3.12%	0.234%
33	14.498	1970	1974	1980	rVB	58416	84923	2.72%	0.204%
34	14.563	1981	1985	1991	rVB7	30179	50896	1.63%	0.122%
35	14.639	1992	1998	2003	rBV3	71441	146298	4.69%	0.351%
36	14.698	2005	2008	2012	rVB	31529	42303	1.36%	0.102%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
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Acq On : 23 Aug 2024 19:27
Operator : RC/JU
Sample : P3703-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-8-21-2024

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-BM081024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.798	2021	2025	2027	rBV3	37396	57193	1.83%	0.137%
38	14.904	2038	2043	2048	rVB2	83308	122914	3.94%	0.295%
39	14.986	2051	2057	2059	rBV4	33191	62666	2.01%	0.150%
40	15.021	2059	2063	2066	rVB2	43963	59224	1.90%	0.142%
41	15.074	2067	2072	2078	rBV3	100357	198454	6.36%	0.476%
42	15.374	2119	2123	2126	rBV	34299	47894	1.53%	0.115%
43	15.521	2142	2148	2158	rBV	1385940	2124587	68.07%	5.101%
44	15.768	2184	2190	2193	rBV5	84221	151065	4.84%	0.363%
45	16.086	2237	2244	2249	rBV3	56616	137704	4.41%	0.331%
46	16.139	2249	2253	2257	rVB2	56989	88019	2.82%	0.211%
47	16.233	2265	2269	2275	rVB2	46290	77264	2.48%	0.185%
48	16.357	2287	2290	2294	rVB3	43943	56671	1.82%	0.136%
49	16.439	2300	2304	2313	rVB2	69247	125015	4.01%	0.300%
50	16.515	2313	2317	2322	rVV3	42372	75848	2.43%	0.182%
51	16.568	2323	2326	2328	rVV	57382	82428	2.64%	0.198%
52	16.598	2328	2331	2340	rVB3	90692	203515	6.52%	0.489%
53	16.774	2356	2361	2365	rBV	1087159	1550285	49.67%	3.722%
54	16.815	2365	2368	2376	rVV	981700	1349164	43.23%	3.239%
55	16.909	2379	2384	2391	rVB	308072	435098	13.94%	1.045%
56	16.980	2391	2396	2401	rBV2	60411	111175	3.56%	0.267%
57	17.198	2429	2433	2436	rBV2	39808	61635	1.97%	0.148%
58	17.304	2448	2451	2455	rVV2	65854	76991	2.47%	0.185%
59	17.357	2457	2460	2469	rVB2	109899	171368	5.49%	0.411%
60	17.580	2495	2498	2502	rBV3	40974	58494	1.87%	0.140%
61	17.657	2506	2511	2515	rVV	332448	499620	16.01%	1.199%
62	17.709	2515	2520	2528	rVV2	550809	920853	29.50%	2.211%
63	17.786	2529	2533	2537	rVV	170312	265794	8.52%	0.638%
64	17.845	2538	2543	2547	rVV2	488316	844917	27.07%	2.028%
65	17.886	2547	2550	2559	rVB	281831	414995	13.30%	0.996%
66	18.056	2576	2579	2583	rVB	72300	88491	2.84%	0.212%
67	18.162	2594	2597	2601	rBV2	115993	160574	5.14%	0.385%
68	18.215	2603	2606	2611	rVB2	99003	128372	4.11%	0.308%
69	18.386	2632	2635	2638	rBV	67321	92344	2.96%	0.222%
70	18.415	2638	2640	2645	rVB2	74380	85236	2.73%	0.205%
71	18.468	2645	2649	2653	rBV	122774	148419	4.76%	0.356%
72	18.509	2653	2656	2661	rVB3	94503	121747	3.90%	0.292%
73	18.592	2665	2670	2674	rBV	339309	549191	17.60%	1.318%
74	18.651	2675	2680	2683	rBV2	154918	249259	7.99%	0.598%
75	18.733	2690	2694	2701	rBV4	164099	341767	10.95%	0.820%
76	18.856	2710	2715	2720	rBV	1435188	1967311	63.03%	4.723%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
Data File : BM047340.D
Acq On : 23 Aug 2024 19:27
Operator : RC/JU
Sample : P3703-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-8-21-2024

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-BM081024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.009	2738	2741	2746	rBV2	207842	269390	8.63%	0.647%
78	19.221	2769	2777	2787	rBV	1520551	2556495	81.91%	6.137%
79	19.445	2810	2815	2826	rVB	2303609	3121007	100.00%	7.493%
80	19.556	2830	2834	2845	rVV5	172501	423362	13.56%	1.016%
81	19.692	2853	2857	2860	rBV3	171444	313472	10.04%	0.753%
82	19.727	2860	2863	2868	rVB2	308969	440543	14.12%	1.058%
83	19.833	2877	2881	2885	rBV	184075	208045	6.67%	0.499%
84	19.886	2887	2890	2894	rVB	255341	312906	10.03%	0.751%
85	20.027	2911	2914	2918	rVB	210620	227127	7.28%	0.545%
86	20.074	2919	2922	2926	rVB	186152	227666	7.29%	0.547%
87	21.009	3075	3081	3086	rBV2	1130976	2391275	76.62%	5.741%
88	21.056	3086	3089	3097	rVB	600275	825677	26.46%	1.982%
89	23.709	3536	3540	3548	rVB	504094	943939	30.24%	2.266%

Sum of corrected areas: 41654203

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
Data File : BM047340.D
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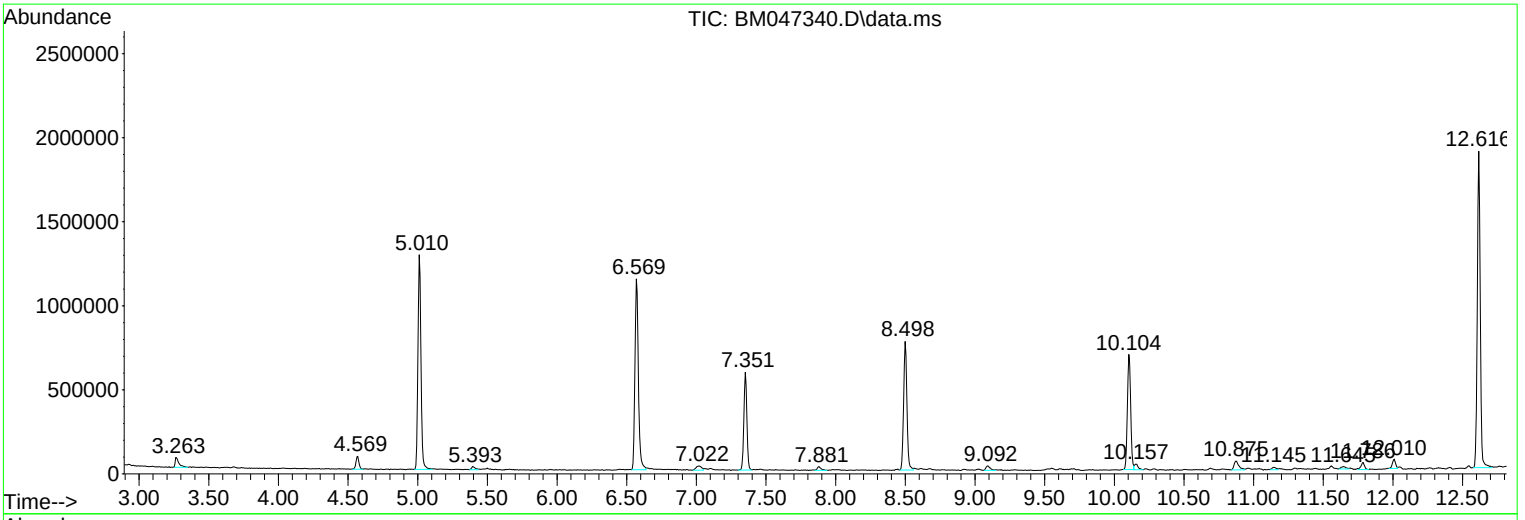
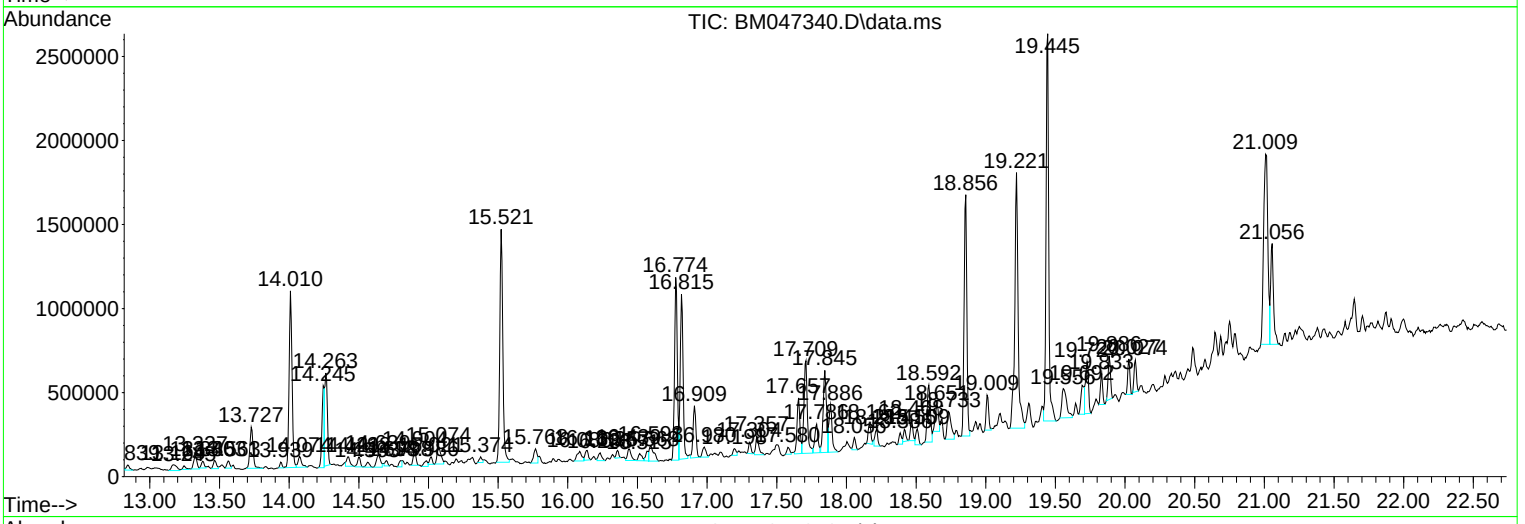
Operator : RC/JU
Sample : P3703-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

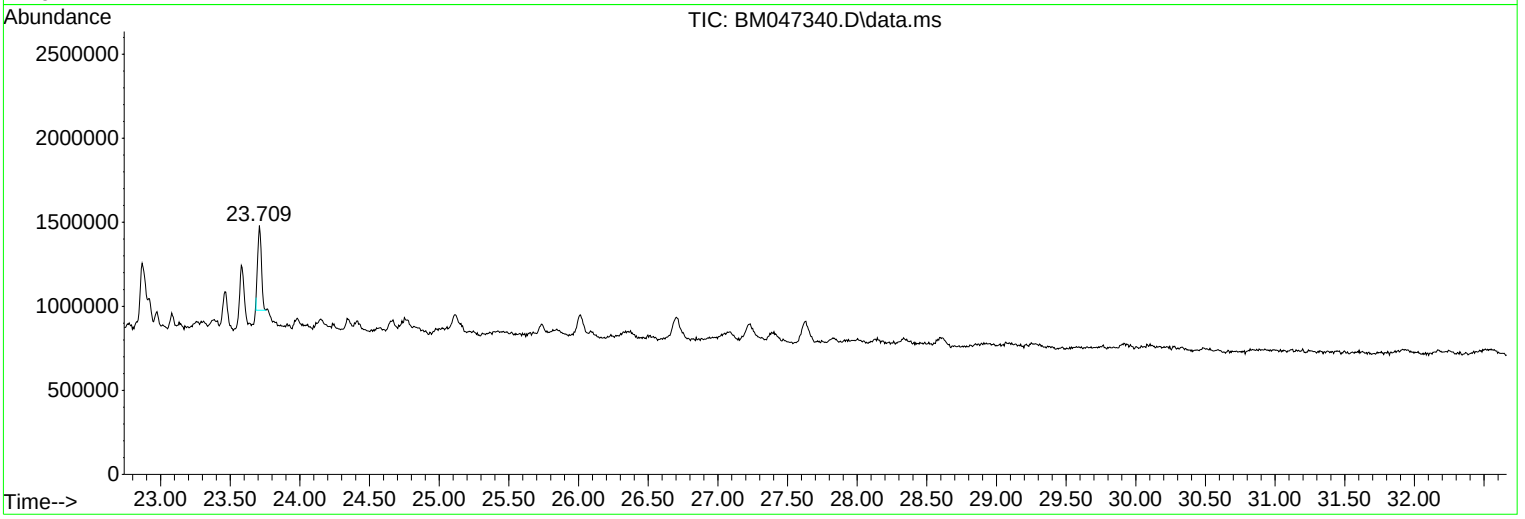
Instrument :
BNA_M
ClientSampleId :
OR-03-8-21-2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.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\BM082324\
Data File : BM047340.D
Acq On : 23 Aug 2024 19:27
Operator : RC/JU
Sample : P3703-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-8-21-2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

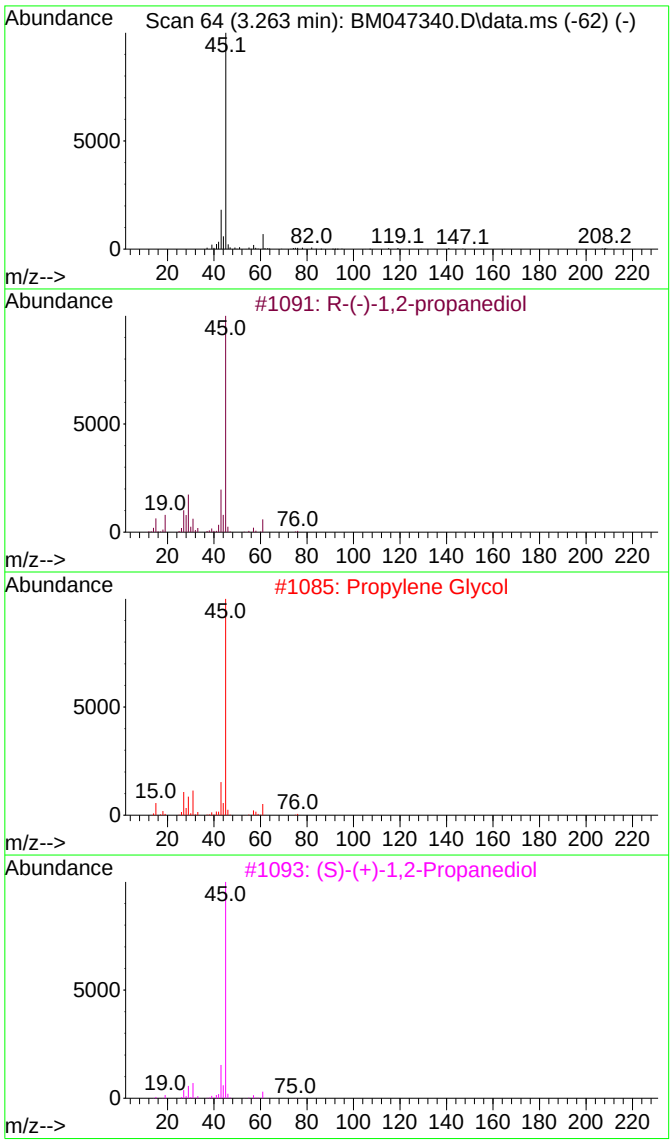
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

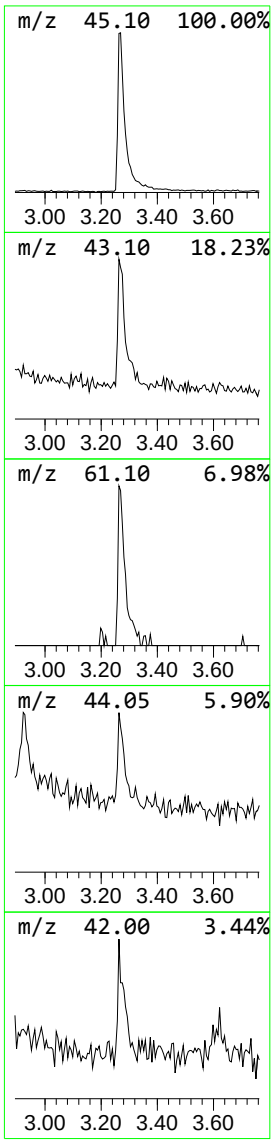
****

Peak Number 1 R-(-)-1,2-propanediol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.263	2.43 ng	107184	1,4-Dichlorobenzene-d4	7.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	72
2	Propylene Glycol	76	C3H8O2	000057-55-6	56
3	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	40
4	Methoxyacetic acid, pentyl ester	160	C8H16O3	168920-35-2	9
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
Data File : BM047340.D
Acq On : 23 Aug 2024 19:27
Operator : RC/JU
Sample : P3703-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-8-21-2024

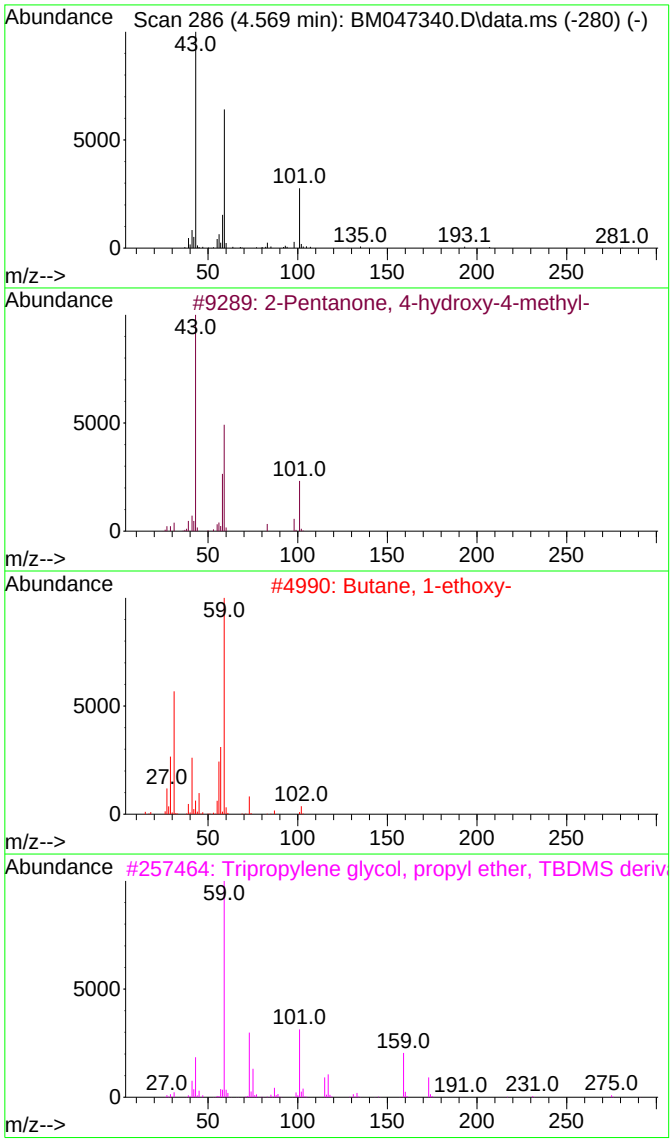
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

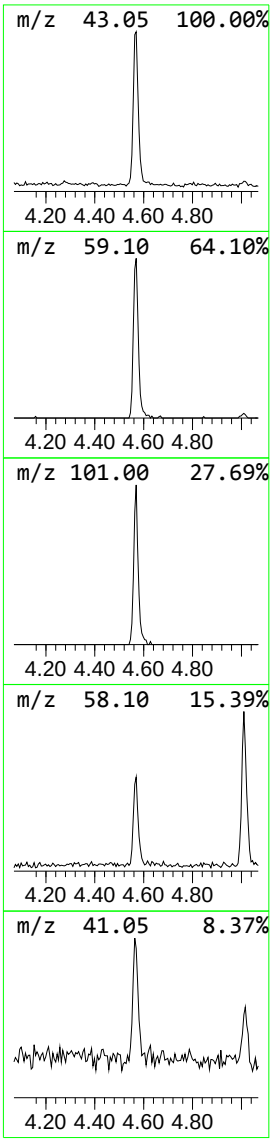
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.569	2.61 ng	115171	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	72
2	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	38
3	Tripropylene glycol, propyl ethe...	348	C18H40O4Si	1000367-07-2	28
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
5	3-Pentanol	88	C5H12O	000584-02-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
Data File : BM047340.D
Acq On : 23 Aug 2024 19:27
Operator : RC/JU
Sample : P3703-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-8-21-2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

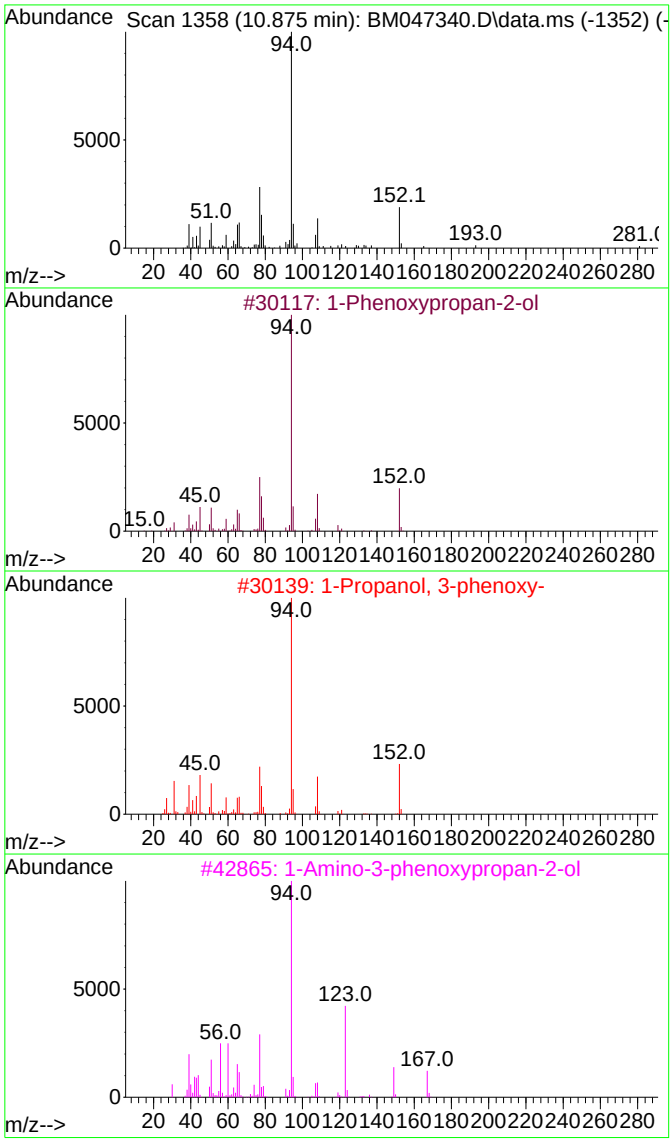
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

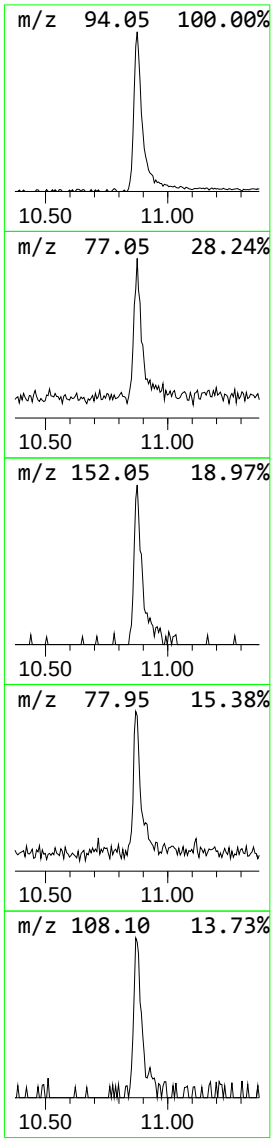
****

Peak Number 3 1-Phenoxypropan-2-ol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.875	2.20 ng	125979	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	1-Amino-3-phenoxypropan-2-ol	167	C9H13NO2	004287-19-8	64
4	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	64
5	Carbonic acid, neopentyl phenyl ...	208	C12H16O3	013183-19-2	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
Data File : BM047340.D
Acq On : 23 Aug 2024 19:27
Operator : RC/JU
Sample : P3703-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-8-21-2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

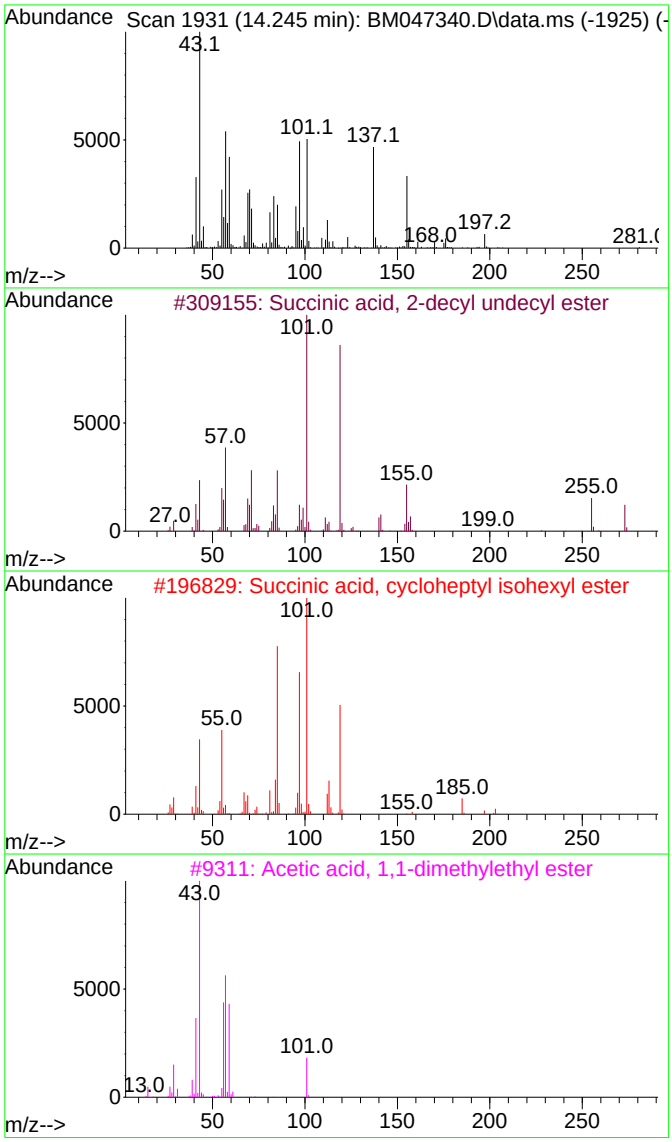
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

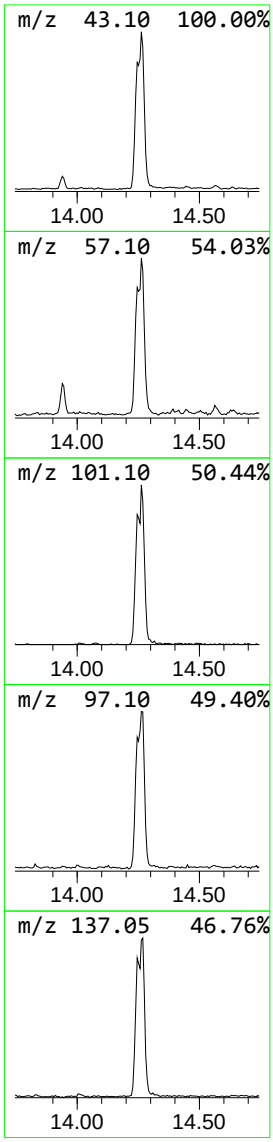
****

Peak Number 4 unknown14.245 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.245	7.58 ng	567608	Acenaphthene-d10	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Succinic acid, 2-decyl undecyl e...	412	C25H48O4	1000349-43-1	22
2	Succinic acid, cycloheptyl isohe...	298	C17H30O4	1000329-68-3	22
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	14
4	Succinic acid, 2,3,6-trichloroph...	450	C21H29Cl3O4	1010349-71-2	14
5	Succinic acid, decyl 2-decyl ester	398	C24H46O4	1000349-43-0	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
Data File : BM047340.D
Acq On : 23 Aug 2024 19:27
Operator : RC/JU
Sample : P3703-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-8-21-2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

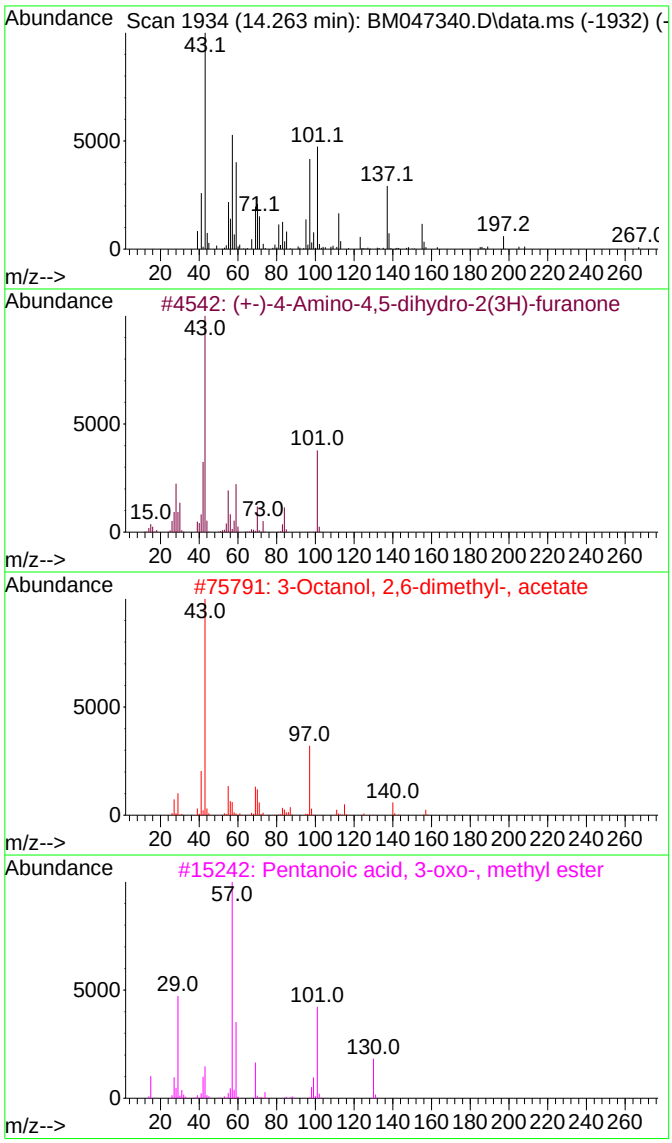
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

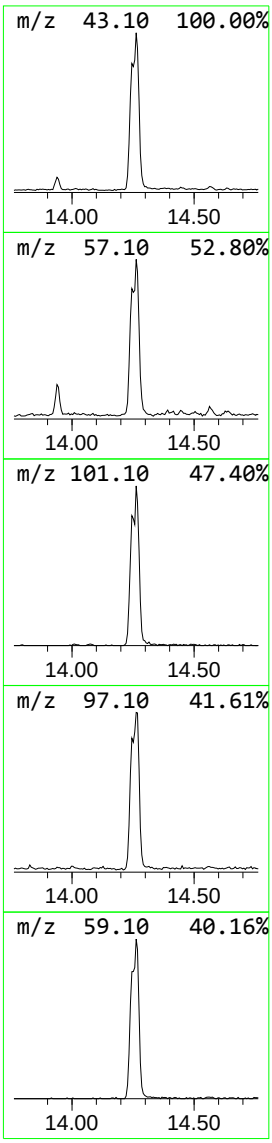
****

Peak Number 5 unknown14.263 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.263	9.62 ng	720513	Acenaphthene-d10	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	38
2	3-Octanol, 2,6-dimethyl-, acetate	200	C12H24O2	123232-57-5	14
3	Pentanoic acid, 3-oxo-, methyl e...	130	C6H10O3	030414-53-0	12
4	Hexanoic acid, 3-oxo-, methyl ester	144	C7H12O3	030414-54-1	12
5	Succinic acid, isobutyl 2,4,4-tr...	286	C16H30O4	1000381-31-8	12





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Acq On : 23 Aug 2024 19:27
Operator : RC/JU
Sample : P3703-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-8-21-2024

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

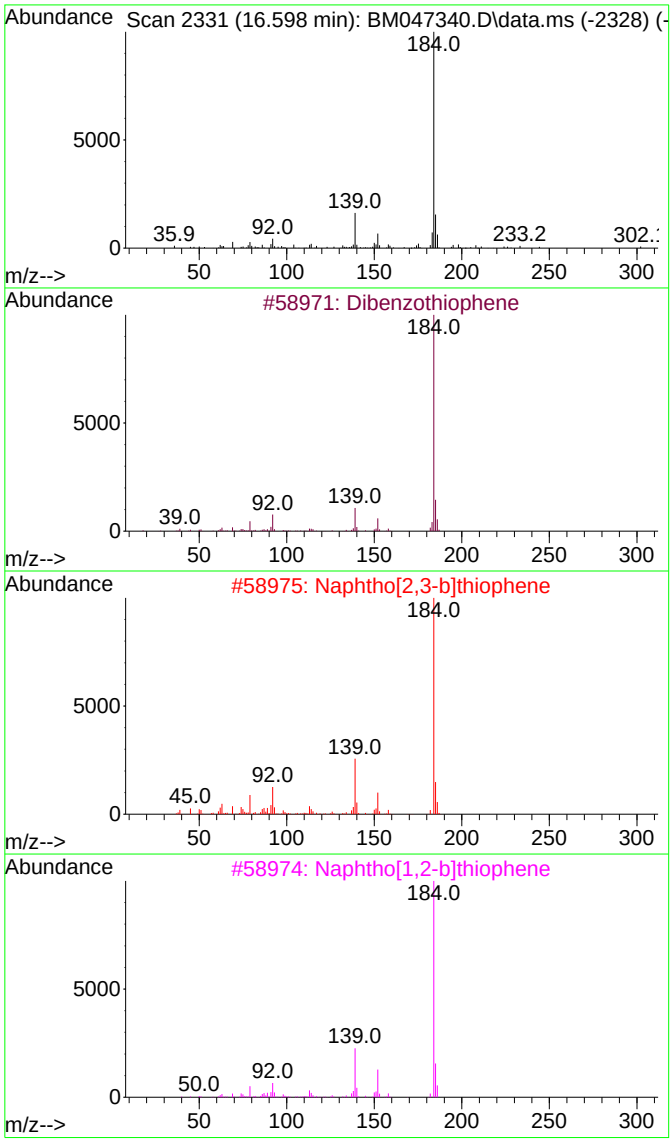
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

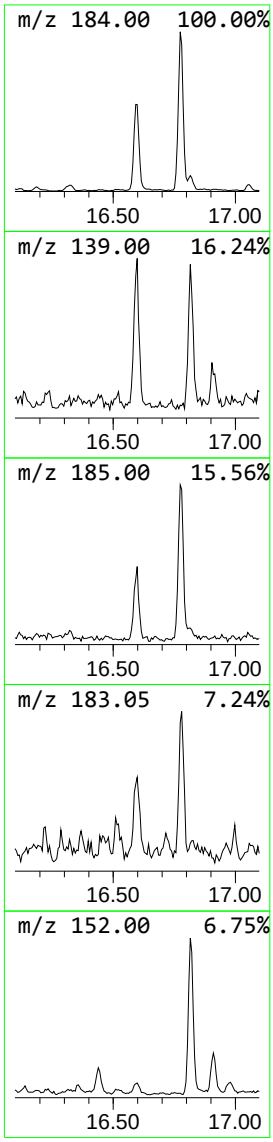
****

Peak Number 6 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.598	2.63 ng	203515	Phenanthrene-d10	16.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	90
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	83
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	78
5	Thianthrene, 5-oxide	232	C12H8OS2	002362-50-7	78





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-8-21-2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

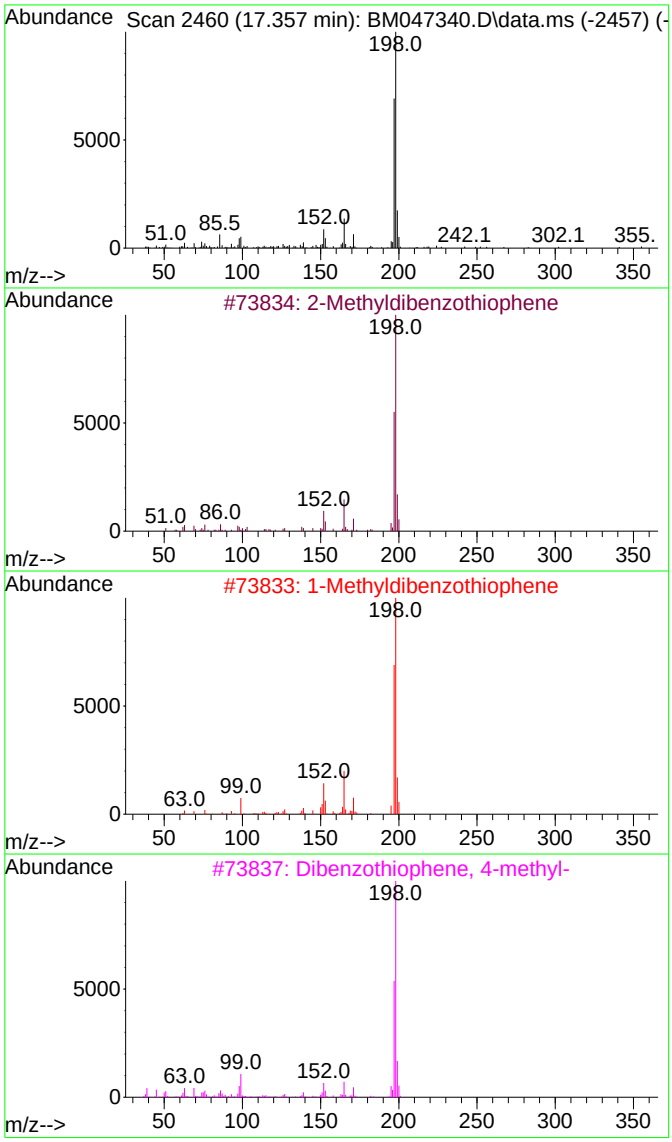
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

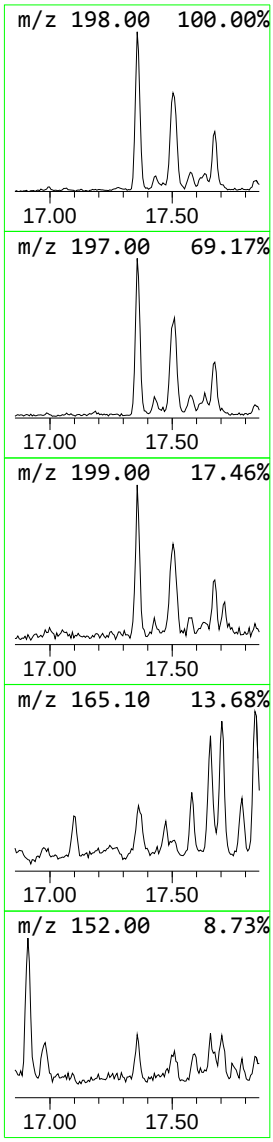
****

Peak Number 7 2-Methyldibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.357	2.21 ng	171368	Phenanthrene-d10	16.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	94
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	91
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
5	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	90





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-8-21-2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

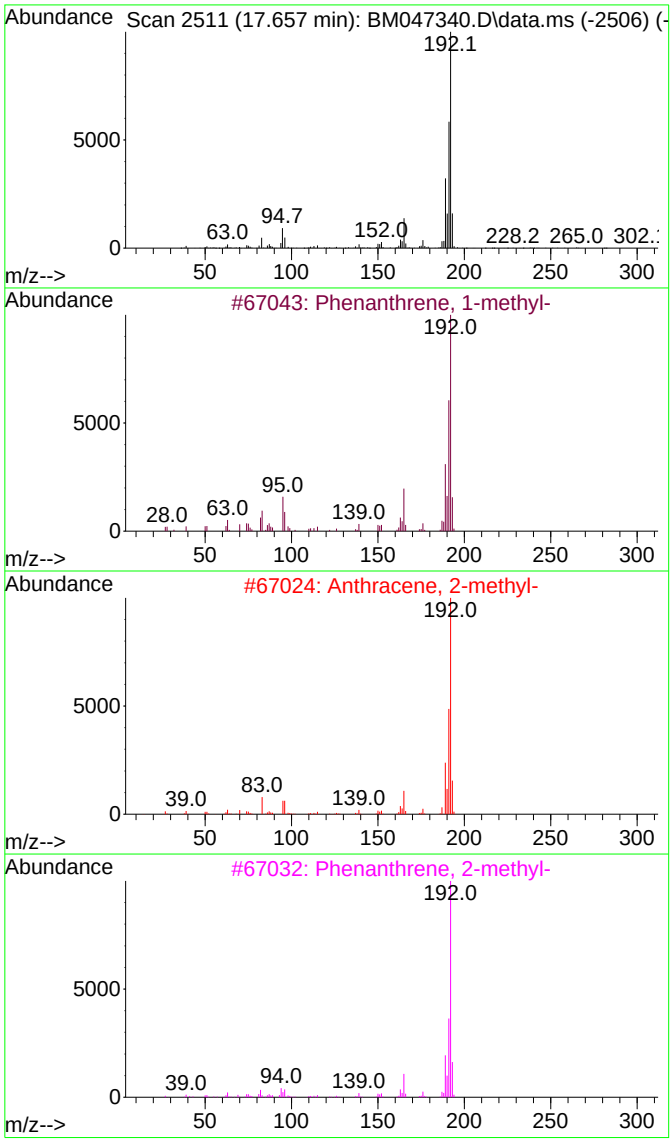
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

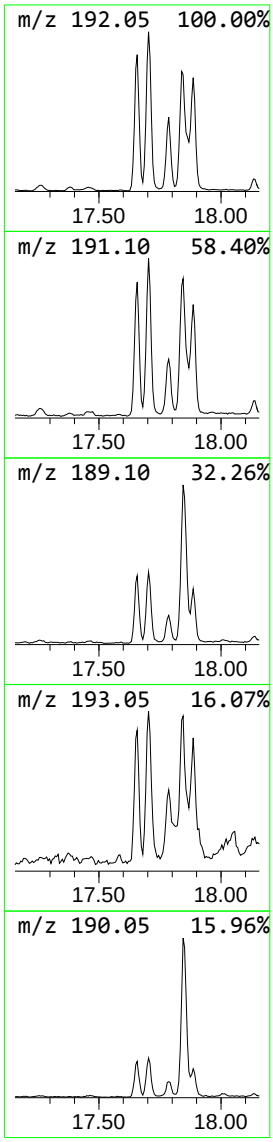
****

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.657	6.45 ng	499620	Phenanthrene-d10	16.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Operator : RC/JU
Sample : P3703-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-8-21-2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.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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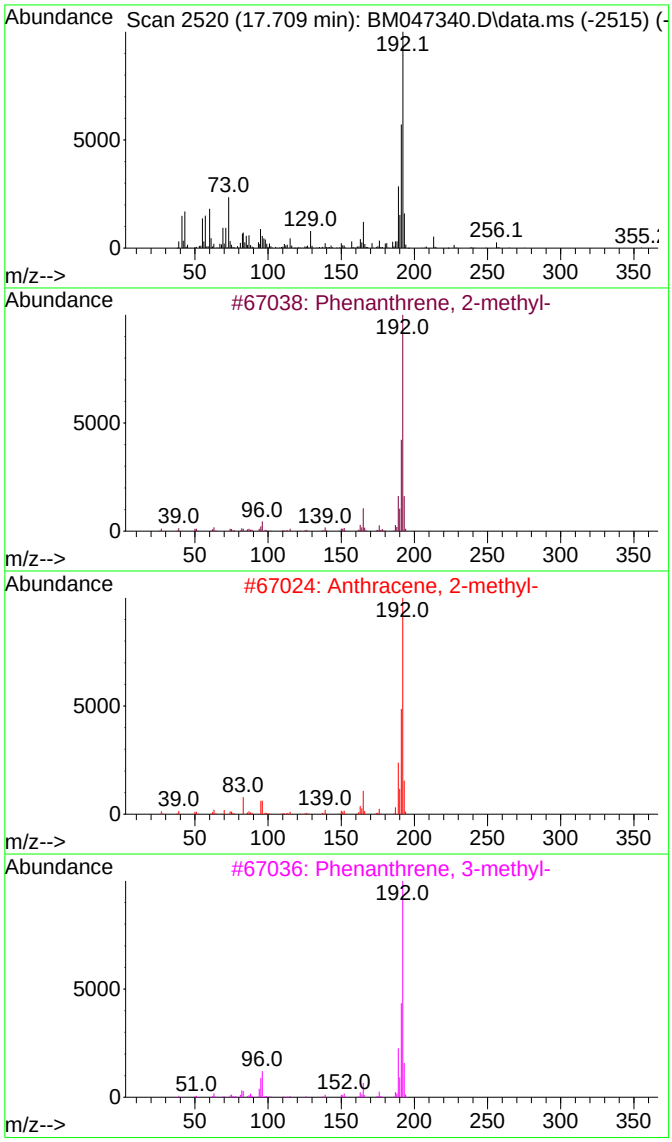
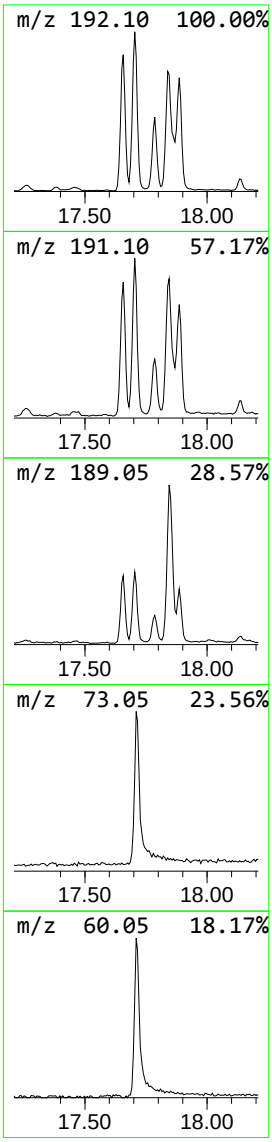
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.709	11.88 ng	920853	Phenanthrene-d10	16.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	92
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	92
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92





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Acq On : 23 Aug 2024 19:27
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Sample : P3703-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-8-21-2024

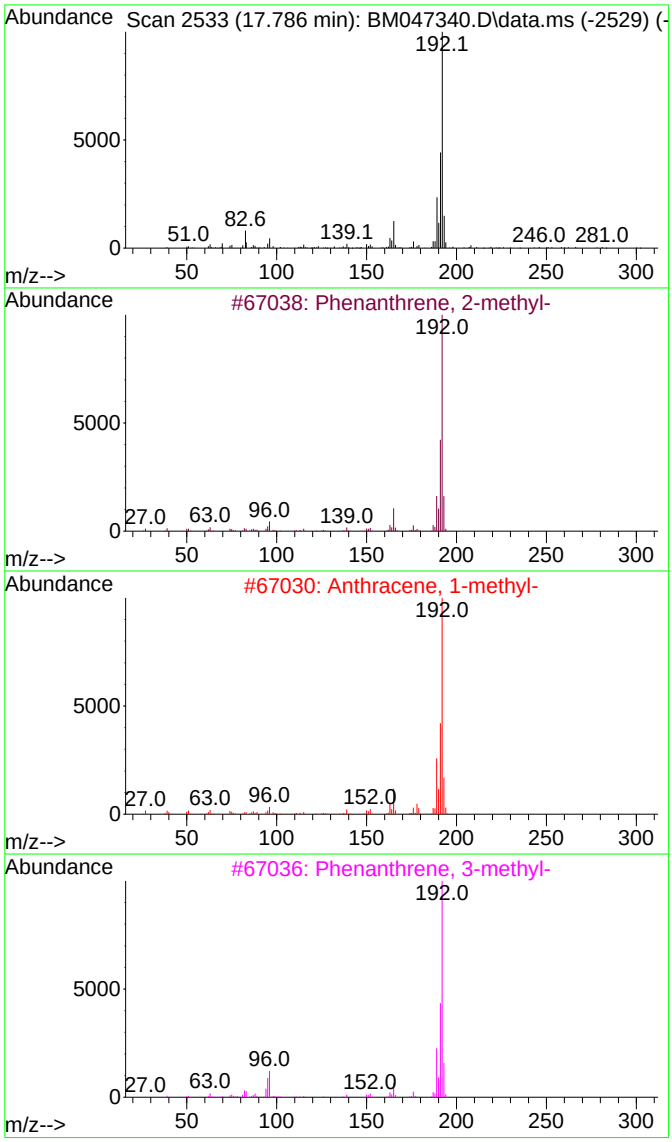
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

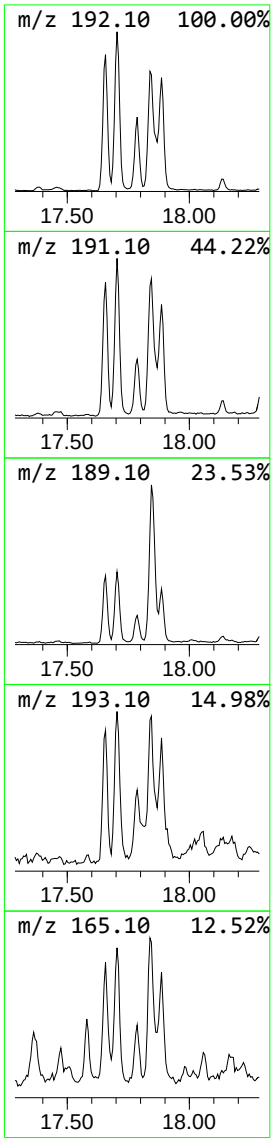
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.786	3.43 ng	265794	Phenanthrene-d10	16.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	93





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Acq On : 23 Aug 2024 19:27
Operator : RC/JU
Sample : P3703-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-8-21-2024

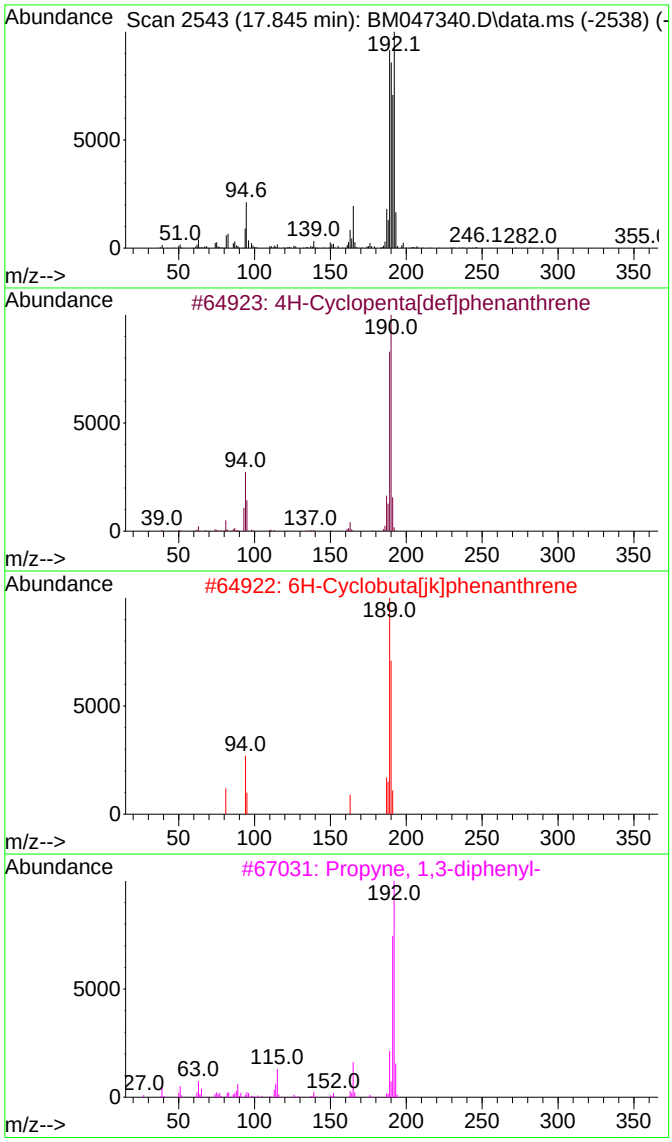
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

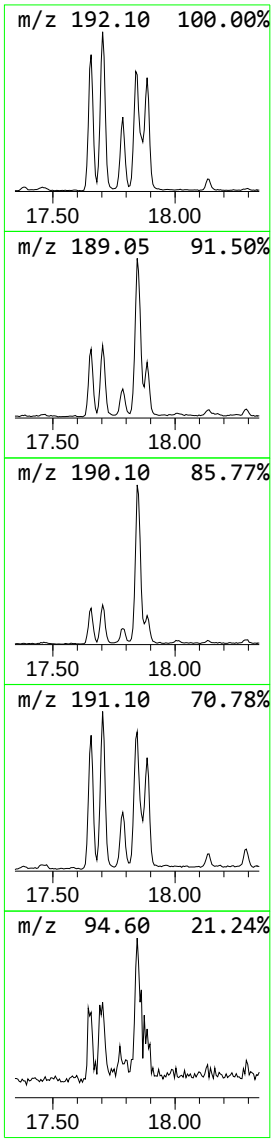
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.845	10.90 ng	844917	Phenanthrene-d10	16.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	46
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46





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Acq On : 23 Aug 2024 19:27
Operator : RC/JU
Sample : P3703-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-8-21-2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

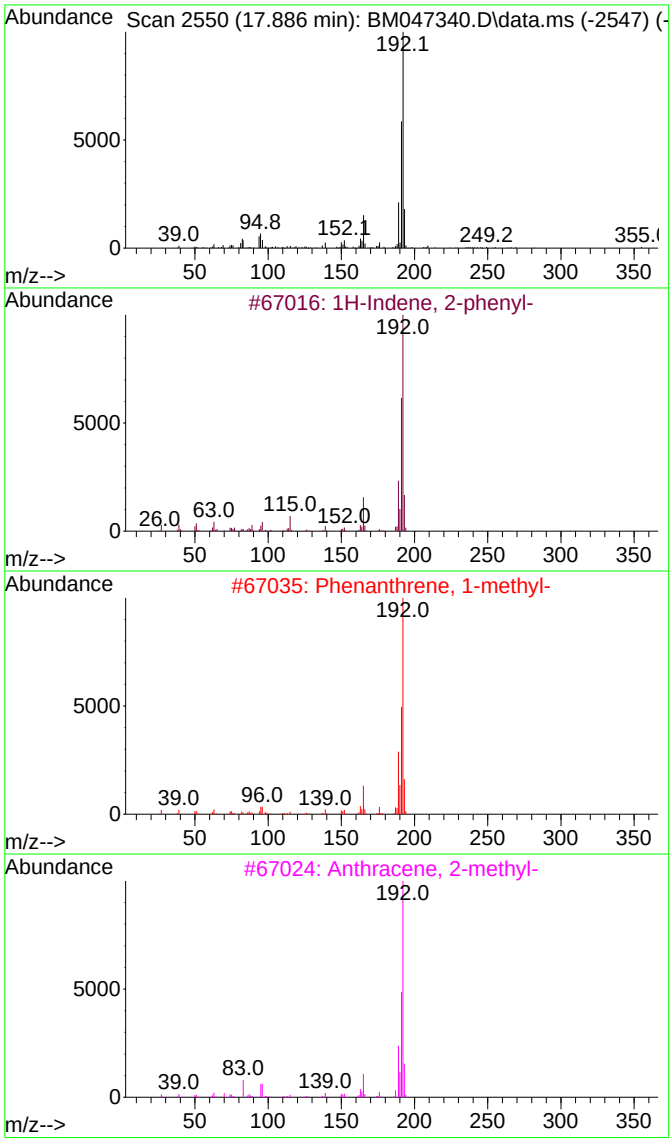
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

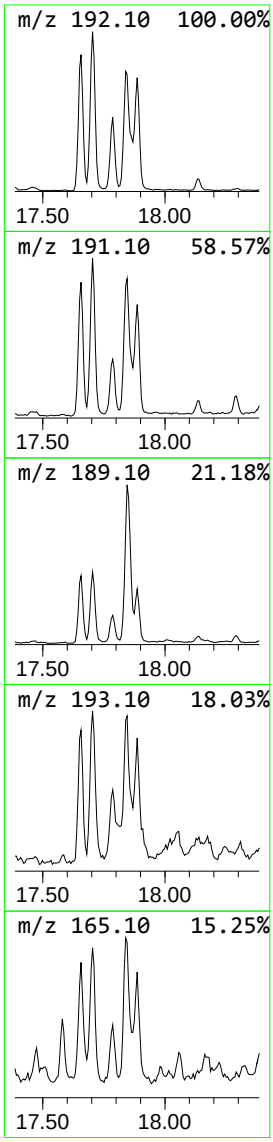
****

Peak Number 12 1H-Indene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.886	5.35 ng	414995	Phenanthrene-d10	16.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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Sample : P3703-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-8-21-2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

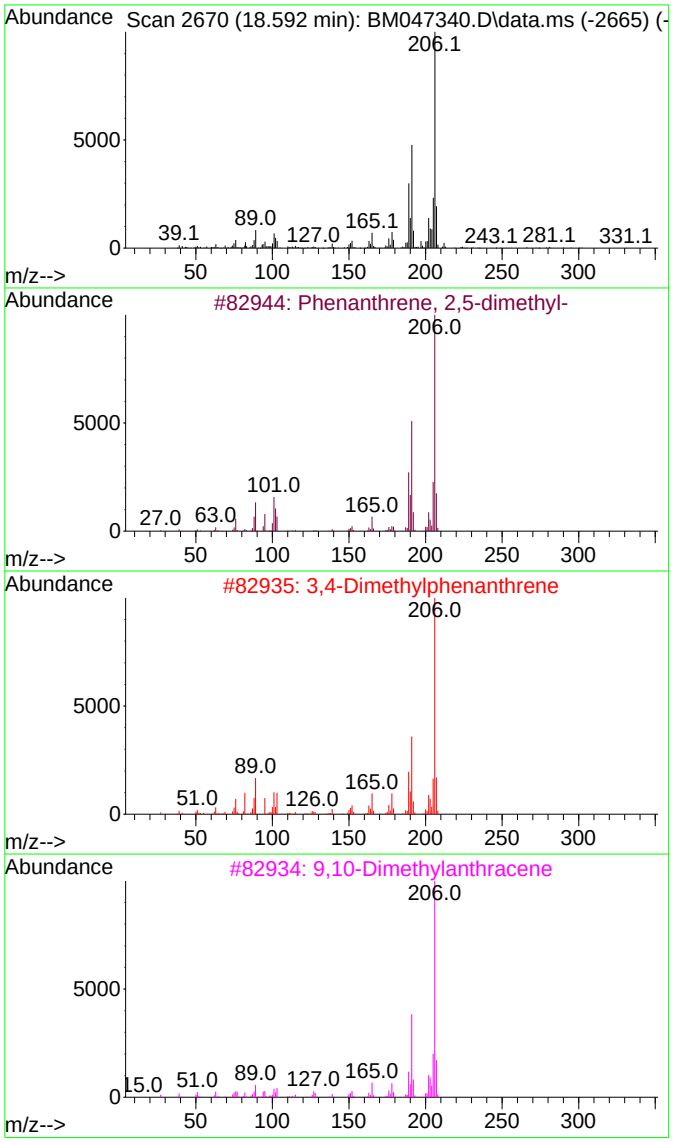
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

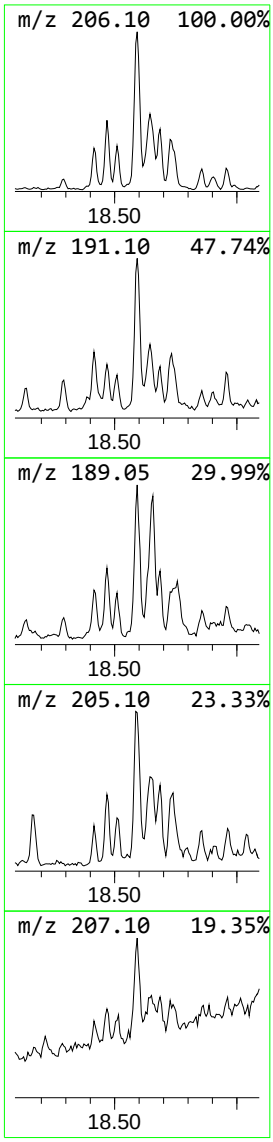
****

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.592	7.09 ng	549191	Phenanthrene-d10	16.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	94
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





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Sample : P3703-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-8-21-2024

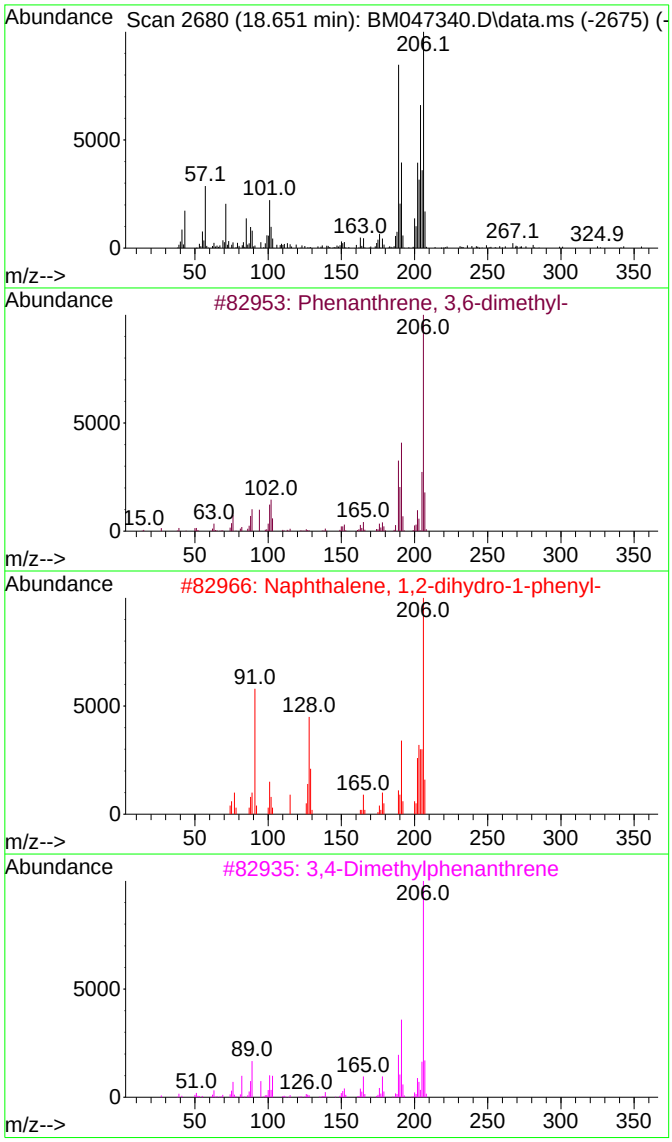
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

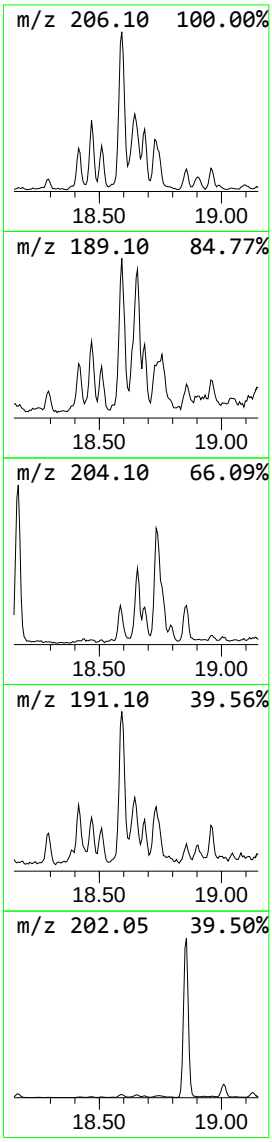
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.651	3.22 ng	249259	Phenanthrene-d10	16.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
2	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	41
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	38
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	30
5	4-Amino-3,5-dichloro-2,6-dimethy...	206	C7H8Cl2N2O	1010227-19-9	27





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-8-21-2024

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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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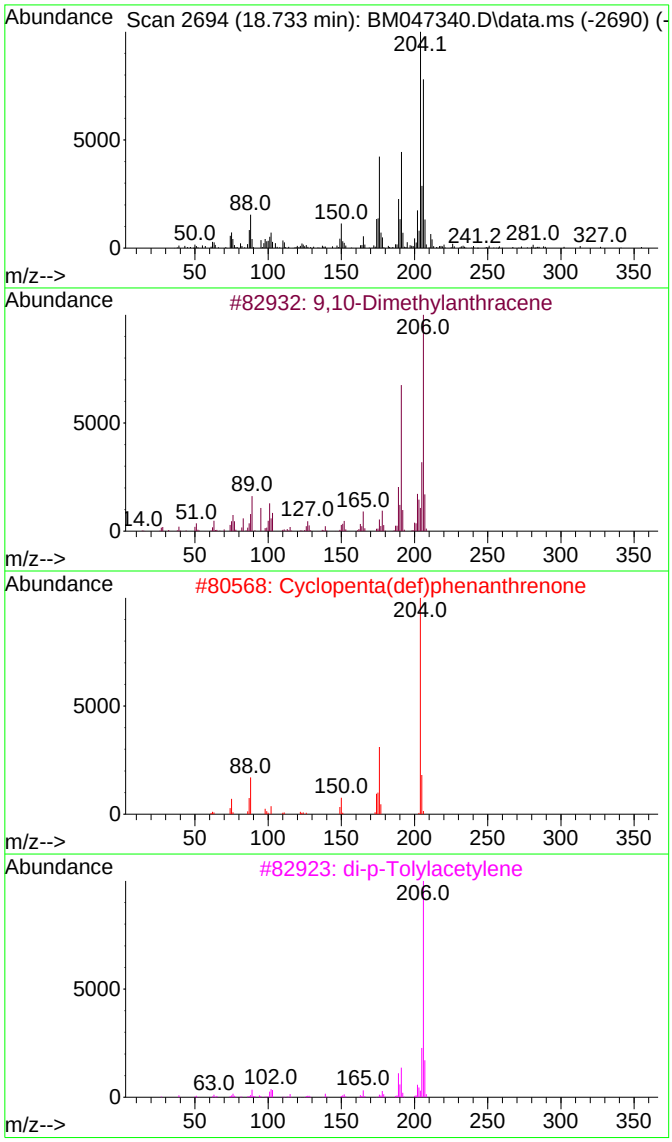
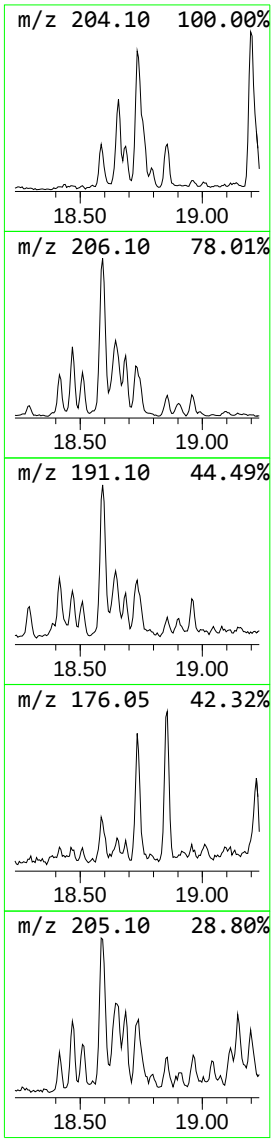
Peak Number 15 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.733	4.41 ng	341767	Phenanthrene-d10	16.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	80
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	50
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	50
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	50





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ALS Vial : 16 Sample Multiplier: 1

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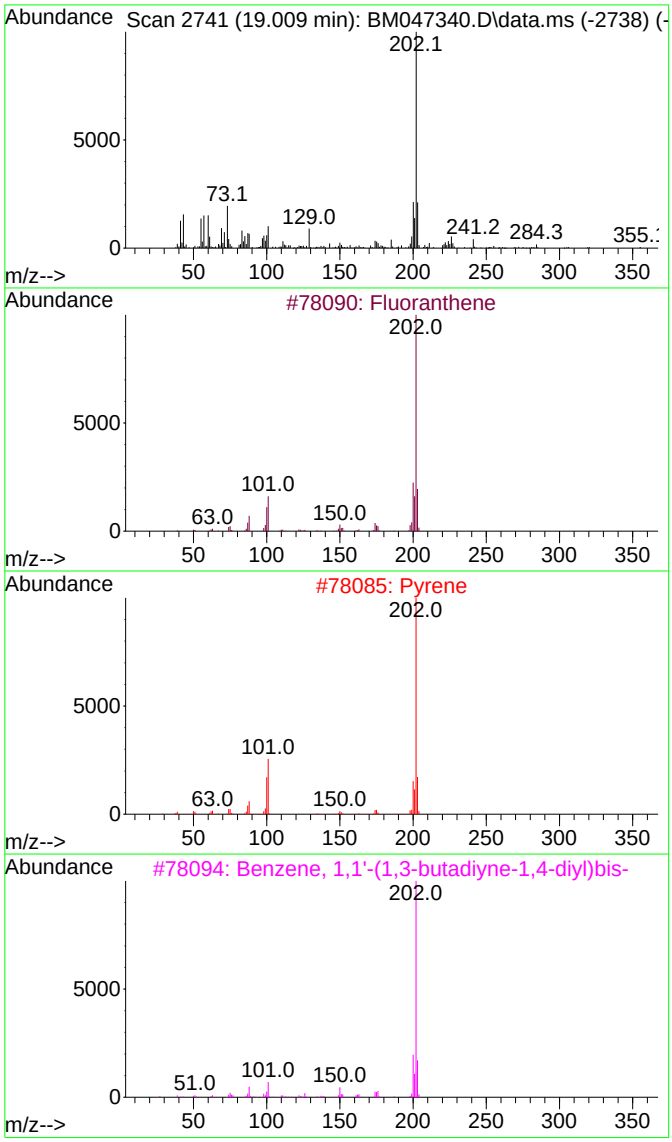
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

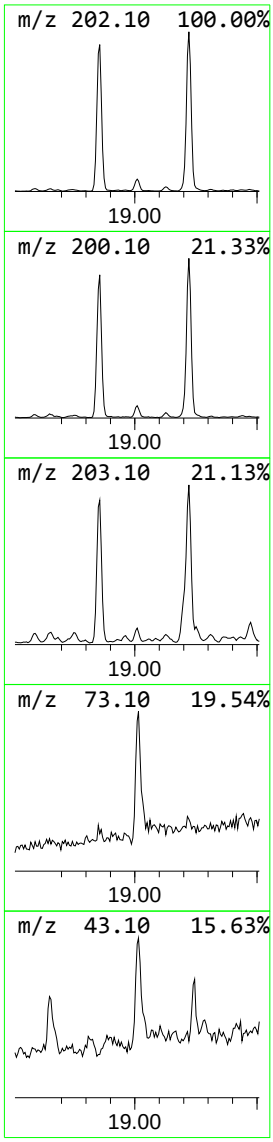
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.009	2.25 ng	269390	Chrysene-d12	21.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	78
2	Pyrene	202	C16H10	000129-00-0	55
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	53
4	4-Benzyl-1-(1-methyl-2-[(trimeth...	469	C27H43NO2Si2	1000408-11-0	40
5	(2R,4aS,5S,8aR)-2-Allyl-5-((Z)-p...	243	C17H25N	1159498-69-7	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
Data File : BM047340.D
Acq On : 23 Aug 2024 19:27
Operator : RC/JU
Sample : P3703-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-8-21-2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.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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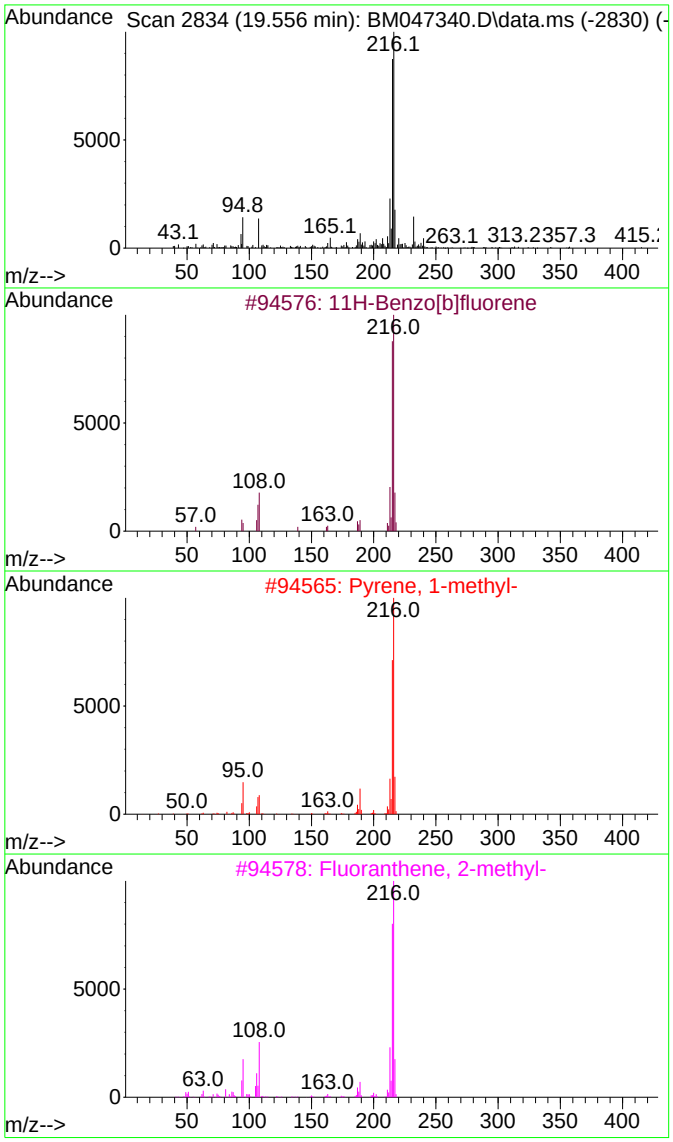
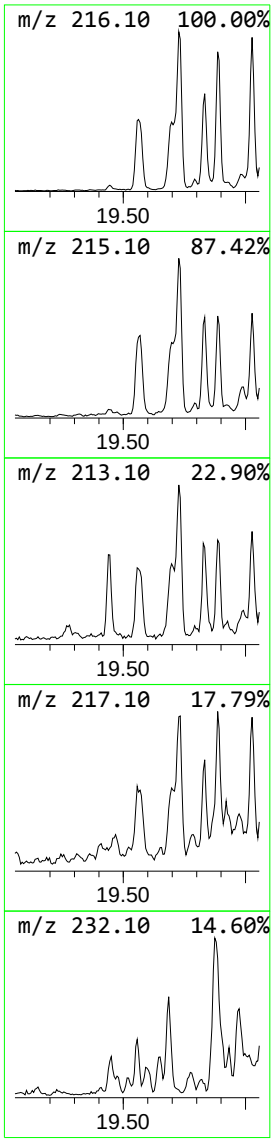
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.556	3.54 ng	423362	Chrysene-d12	21.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
Data File : BM047340.D
Acq On : 23 Aug 2024 19:27
Operator : RC/JU
Sample : P3703-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-8-21-2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.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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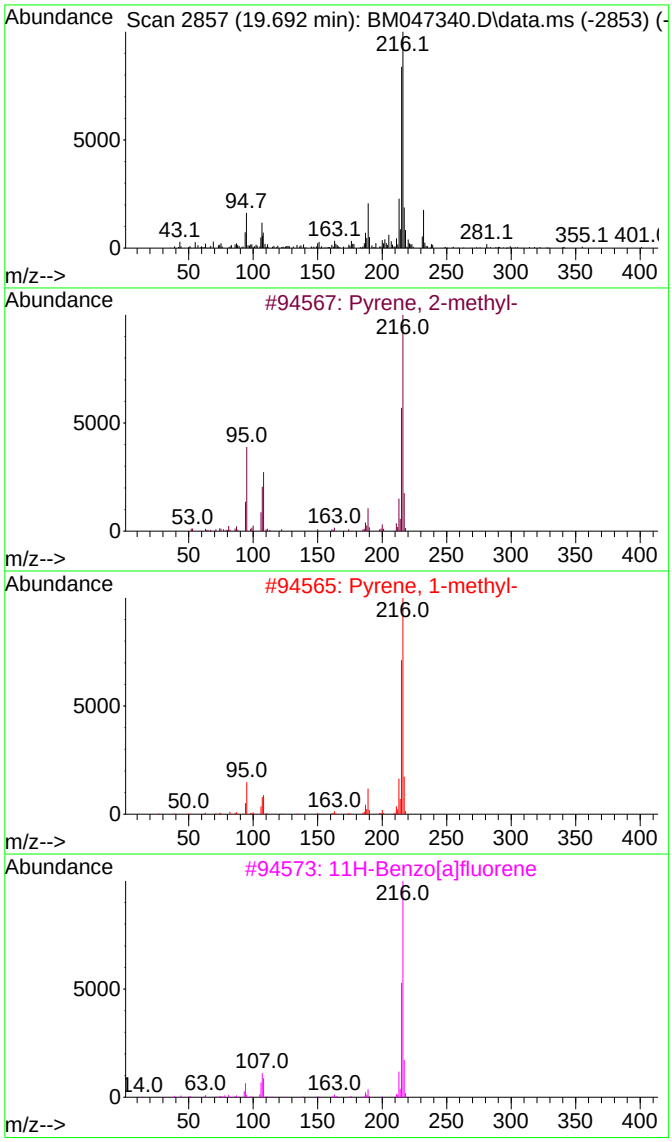
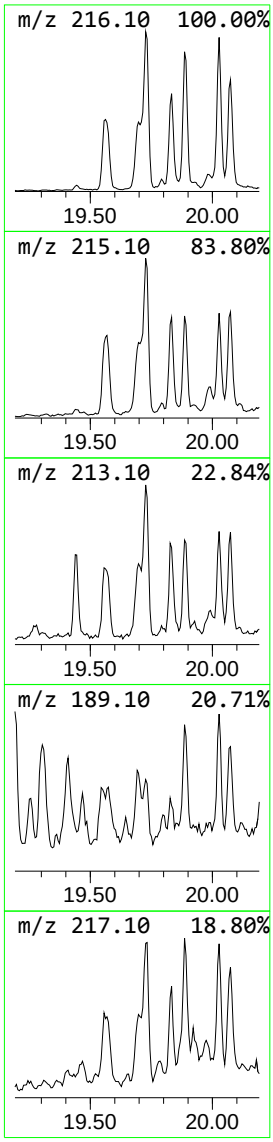
Peak Number 18 Pyrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.692	2.62 ng	313472	Chrysene-d12	21.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
Data File : BM047340.D
Acq On : 23 Aug 2024 19:27
Operator : RC/JU
Sample : P3703-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-8-21-2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.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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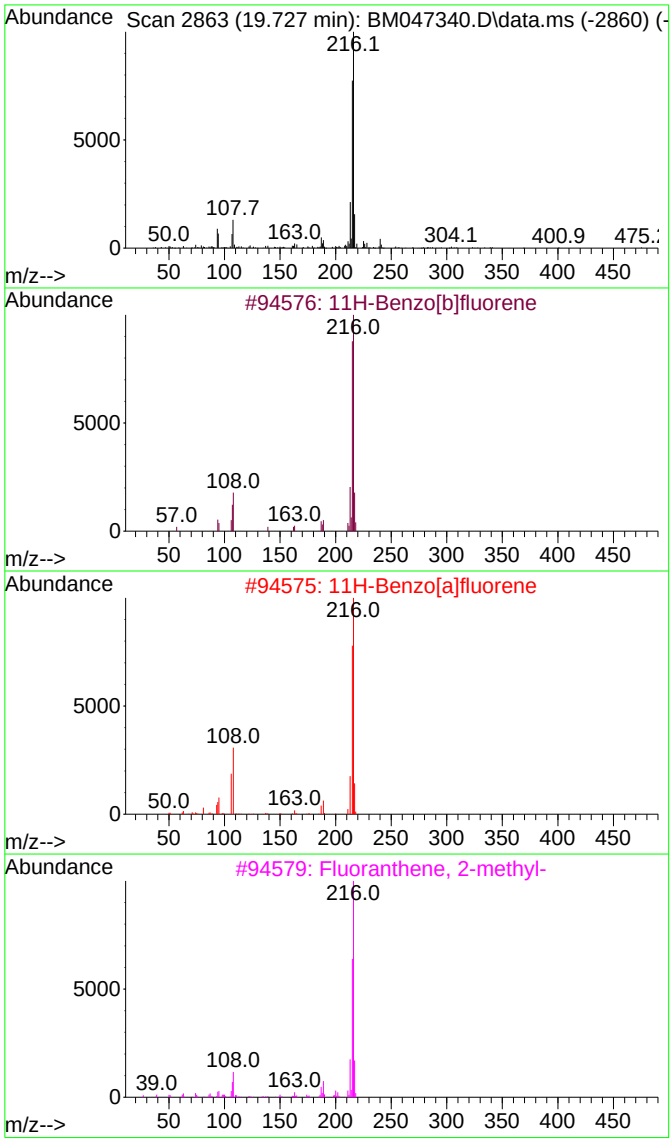
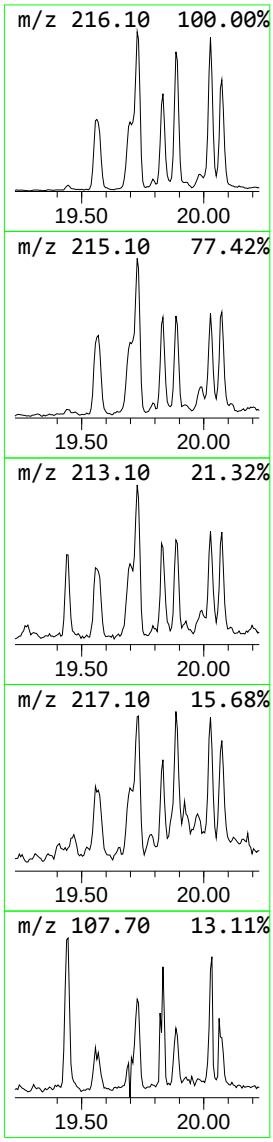
Peak Number 19 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.727	3.68 ng	440543	Chrysene-d12	21.015

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	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
Data File : BM047340.D
Acq On : 23 Aug 2024 19:27
Operator : RC/JU
Sample : P3703-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-8-21-2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.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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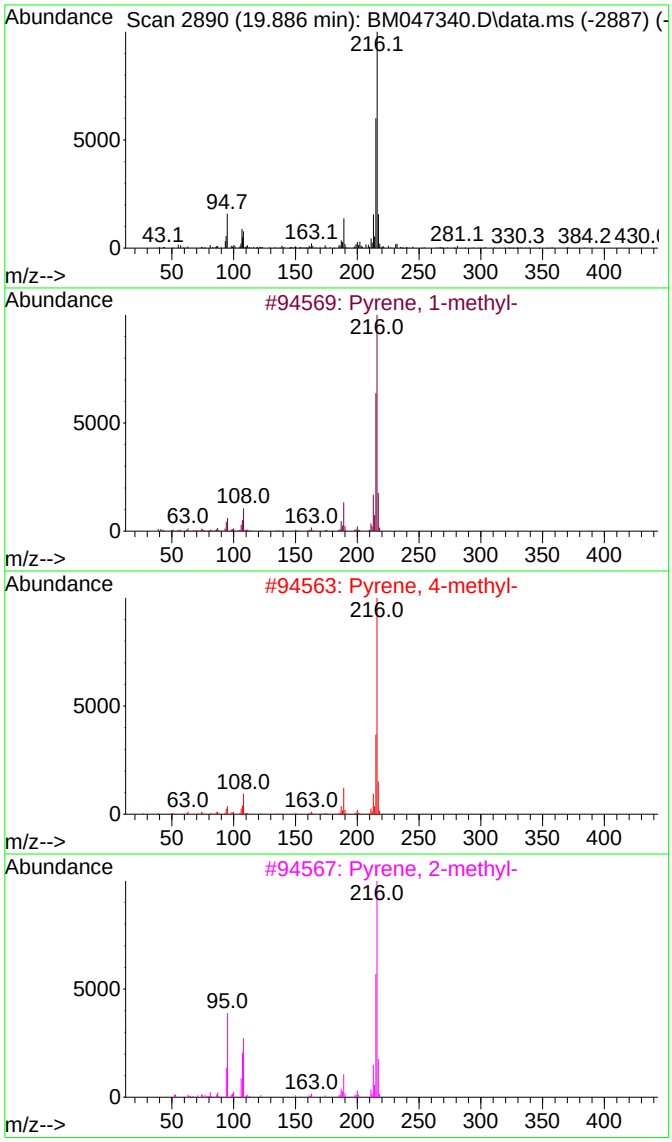
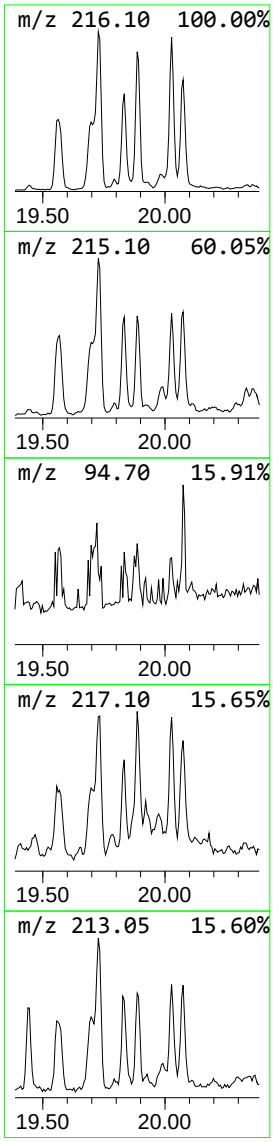
Peak Number 20 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.886	2.62 ng	312906	Chrysene-d12	21.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
Data File : BM047340.D
Acq On : 23 Aug 2024 19:27
Operator : RC/JU
Sample : P3703-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-8-21-2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.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
R-(-)-1,2-propa...	3.263	2.4	ng	107184	1	7.351	882833	20.0
2-Pentanone, 4-...	4.569	2.6	ng	115171	1	7.351	882833	20.0
1-Phenoxypropan...	10.875	2.2	ng	125979	2	10.104	1146050	20.0
unknown14.245	14.245	7.6	ng	567608	3	14.010	1498550	20.0
unknown14.263	14.263	9.6	ng	720513	3	14.010	1498550	20.0
Dibenzothiophene	16.598	2.6	ng	203515	4	16.774	1550290	20.0
2-Methyldibenzo...	17.357	2.2	ng	171368	4	16.774	1550290	20.0
Phenanthrene, 1...	17.657	6.5	ng	499620	4	16.774	1550290	20.0
Phenanthrene, 2...	17.709	11.9	ng	920853	4	16.774	1550290	20.0
Anthracene, 1-m...	17.786	3.4	ng	265794	4	16.774	1550290	20.0
4H-Cyclopenta[d...	17.845	10.9	ng	844917	4	16.774	1550290	20.0
1H-Indene, 2-ph...	17.886	5.3	ng	414995	4	16.774	1550290	20.0
Phenanthrene, 2...	18.592	7.1	ng	549191	4	16.774	1550290	20.0
Phenanthrene, 3...	18.651	3.2	ng	249259	4	16.774	1550290	20.0
9,10-Dimethylan...	18.733	4.4	ng	341767	4	16.774	1550290	20.0
Benzene, 1,1'-(...	19.009	2.3	ng	269390	5	21.015	2391280	20.0
11H-Benzo[b]flu...	19.556	3.5	ng	423362	5	21.015	2391280	20.0
Pyrene, 2-methyl-	19.692	2.6	ng	313472	5	21.015	2391280	20.0
11H-Benzo[a]flu...	19.727	3.7	ng	440543	5	21.015	2391280	20.0
Pyrene, 1-methyl-	19.886	2.6	ng	312906	5	21.015	2391280	20.0