LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037427.D
Acq On : 08 Nov 2022 14:06
Operator : CG/JU
Sample : N5436-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-01

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-BM102822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM037427.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.940	309	315	322	rBV	1810837	2480171	3.87%	0.301%
2	5.398	387	393	399	rBV	4820581	7097545	11.08%	0.862%
3	5.451	399	402	420	rVB	704081	1396328	2.18%	0.170%
4	7.010	661	667	678	rVB	5095226	8692481	13.57%	1.056%
5	7.828	801	806	819	rVB	1553002	2595260	4.05%	0.315%
6	8.604	929	938	956	rBV	3139511	6030107	9.41%	0.733%
7	8.998	998	1005	1010	rVV	3532020	5762657	9.00%	0.700%
8	9.816	1136	1144	1155	rBV	6868575	11959853	18.67%	1.453%
9	10.063	1174	1186	1193	rBV2	3385393	7038979	10.99%	0.855%
10	10.627	1277	1282	1286	rBV	2018590	3026796	4.73%	0.368%
11	10.680	1286	1291	1297	rVB	2294191	3720224	5.81%	0.452%
12	10.780	1302	1308	1316	rVB3	923424	1699307	2.65%	0.206%
13	10.998	1337	1345	1356	rBV	617093	1280344	2.00%	0.156%
14	11.174	1368	1375	1380	rBV	883900	1418815	2.22%	0.172%
15	11.463	1412	1424	1429	rBV2	1144387	2091642	3.27%	0.254%
16	12.286	1559	1564	1573	rBV	1143029	1726033	2.69%	0.210%
17	12.874	1661	1664	1671	rVB	1062827	1547830	2.42%	0.188%
18	12.986	1678	1683	1690	rBV	629727	1088146	1.70%	0.132%
19	13.092	1695	1701	1707	rVB	9154314	12698408	19.83%	1.543%
20	13.304	1729	1737	1746	rVB3	932415	2030651	3.17%	0.247%
21	13.786	1813	1819	1824	rBV	815947	1412362	2.21%	0.172%
22	13.945	1837	1846	1856	rBV4	683256	2790922	4.36%	0.339%
23	14.192	1882	1888	1895	rVB	3059824	4705086	7.35%	0.572%
24	14.468	1924	1935	1940	rBV	3231796	5483867	8.56%	0.666%
25	14.527	1940	1945	1953	rVB	1974058	3122522	4.88%	0.379%
26	14.862	1996	2002	2010	rBV	1771546	2726990	4.26%	0.331%
27	15.074	2032	2038	2043	rBV4	546787	1116278	1.74%	0.136%
28	15.509	2107	2112	2123	rVB	2744816	4606944	7.19%	0.560%
29	15.715	2142	2147	2152	rBV4	1736316	2472602	3.86%	0.300%
30	15.804	2158	2162	2169	rBV2	883937	1512367	2.36%	0.184%
31	15.956	2179	2188	2193	rBV	7320861	10712672	16.73%	1.302%
32	16.168	2219	2224	2225	rBV2	1392941	1832729	2.86%	0.223%
33	16.509	2276	2282	2287	rBV3	1025847	1939299	3.03%	0.236%
34	16.956	2351	2358	2362	rVV2	886916	1646765	2.57%	0.200%
35	17.027	2364	2370	2376	rVB2	960356	2086466	3.26%	0.253%
36	17.209	2396	2401	2404	rBV	3238580	4564349	7.13%	0.555%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037427.D
Acq On : 08 Nov 2022 14:06
Operator : CG/JU
Sample : N5436-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-01

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-BM102822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.256	2404	2409	2415	rVB	13004182	18265163	28.52%	2.219%
38	17.345	2419	2424	2428	rBV	5279570	7132164	11.14%	0.867%
39	17.386	2428	2431	2439	rVB3	859425	1790605	2.80%	0.218%
40	17.792	2496	2500	2502	rBV2	1187640	1850297	2.89%	0.225%
41	17.862	2507	2512	2519	rVB	27758433	37553867	58.63%	4.563%
42	18.086	2546	2550	2552	rBV	2817685	3939092	6.15%	0.479%
43	18.121	2552	2556	2564	rVB2	7718076	15017799	23.45%	1.825%
44	18.215	2568	2572	2577	rVB	1852694	2594228	4.05%	0.315%
45	18.280	2578	2583	2587	rBV2	6246741	10465019	16.34%	1.271%
46	18.315	2587	2589	2597	rVB	2406469	3508368	5.48%	0.426%
47	18.397	2597	2603	2607	rBV2	2763121	4397918	6.87%	0.534%
48	18.615	2631	2640	2652	rVB3	8728834	16978816	26.51%	2.063%
49	18.992	2700	2704	2707	rBV2	3443945	5639853	8.81%	0.685%
50	19.027	2707	2710	2719	rVV	8621373	13992765	21.85%	1.700%
51	19.097	2719	2722	2725	rVB2	1083788	1239535	1.94%	0.151%
52	19.150	2726	2731	2744	rVB5	1465270	3903371	6.09%	0.474%
53	19.274	2745	2752	2757	rBV2	29850087	50239903	78.44%	6.104%
54	19.321	2757	2760	2765	rVB2	4154118	5556575	8.68%	0.675%
55	19.392	2768	2772	2775	rVV	5976625	8760519	13.68%	1.064%
56	19.415	2775	2776	2783	rVB2	4900431	6172053	9.64%	0.750%
57	19.509	2789	2792	2796	rBV	1256908	1609568	2.51%	0.196%
58	19.603	2803	2808	2809	rBV	4289501	5832080	9.11%	0.709%
59	19.639	2809	2814	2816	rBV	34949231	64051322	100.00%	7.782%
60	19.703	2822	2825	2830	rBV2	765322	1185796	1.85%	0.144%
61	19.839	2839	2848	2850	rBV2	7767323	12757120	19.92%	1.550%
62	19.886	2850	2856	2860	rVB2	34282388	56916456	88.86%	6.915%
63	19.956	2863	2868	2869	rBV2	1834320	2712587	4.24%	0.330%
64	20.127	2893	2897	2902	rVB	6680606	10615827	16.57%	1.290%
65	20.227	2910	2914	2918	rBV	5292907	6349221	9.91%	0.771%
66	20.274	2918	2922	2927	rBV2	4099123	7173317	11.20%	0.872%
67	20.386	2939	2941	2944	rVB2	2417042	2481046	3.87%	0.301%
68	20.421	2945	2947	2951	rBV	1395027	1497132	2.34%	0.182%
69	20.468	2952	2955	2959	rVB	1767413	2061095	3.22%	0.250%
70	20.556	2966	2970	2977	rBV3	3863563	5983160	9.34%	0.727%
71	20.856	3017	3021	3028	rVV2	7378237	9587090	14.97%	1.165%
72	20.915	3029	3031	3036	rVB4	2066719	2166443	3.38%	0.263%
73	21.009	3044	3047	3049	rBV	4607171	5522246	8.62%	0.671%
74	21.080	3056	3059	3060	rBV2	3833037	4105313	6.41%	0.499%
75	21.103	3060	3063	3070	rVB4	8862212	17176885	26.82%	2.087%
76	21.174	3072	3075	3076	rBV	2184899	2150677	3.36%	0.261%

LSC Area Percent Report

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Acq On : 08 Nov 2022 14:06
Operator : CG/JU
Sample : N5436-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-01

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-BM102822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.280	3090	3093	3099	rVB3	1724152	2457254	3.84%	0.299%
78	21.380	3105	3110	3113	rBV	17436626	28118535	43.90%	3.416%
79	21.409	3113	3115	3117	rVV	14454003	17891247	27.93%	2.174%
80	21.433	3117	3119	3129	rVB	13849834	14441657	22.55%	1.755%
81	21.603	3145	3148	3152	rBV2	1476670	1845146	2.88%	0.224%
82	21.786	3175	3179	3186	rVB2	10004419	13166461	20.56%	1.600%
83	21.856	3187	3191	3194	rVV2	10361406	13645804	21.30%	1.658%
84	21.886	3194	3196	3201	rVB2	4427394	4924571	7.69%	0.598%
85	22.003	3214	3216	3221	rVB	2082935	2706863	4.23%	0.329%
86	22.174	3240	3245	3253	rBV4	1783225	4380213	6.84%	0.532%
87	22.262	3258	3260	3269	rVB2	2995588	4777374	7.46%	0.580%
88	22.444	3287	3291	3298	rBV3	5299644	7794233	12.17%	0.947%
89	22.921	3367	3372	3381	rVB2	7004643	11076052	17.29%	1.346%
90	23.032	3384	3391	3396	rBV	8971090	23528611	36.73%	2.859%
91	23.203	3417	3420	3426	rVB	2712921	4180666	6.53%	0.508%
92	23.532	3471	3476	3486	rVB	5990903	11666782	18.21%	1.417%
93	23.638	3488	3494	3505	rVB	9633291	20102423	31.38%	2.442%
94	23.785	3516	3519	3527	rVB2	3109008	5860656	9.15%	0.712%
95	23.962	3544	3549	3556	rVB	4672900	8293352	12.95%	1.008%
96	24.397	3618	3623	3631	rBV	2712402	6140773	9.59%	0.746%
97	24.515	3638	3643	3651	rBV	3974054	7930530	12.38%	0.964%
98	25.038	3726	3732	3741	rVB	3273895	7413657	11.57%	0.901%
99	26.162	3916	3923	3934	rVB2	4366657	12631550	19.72%	1.535%
100	26.915	4044	4051	4060	rVB	3104318	9057079	14.14%	1.100%

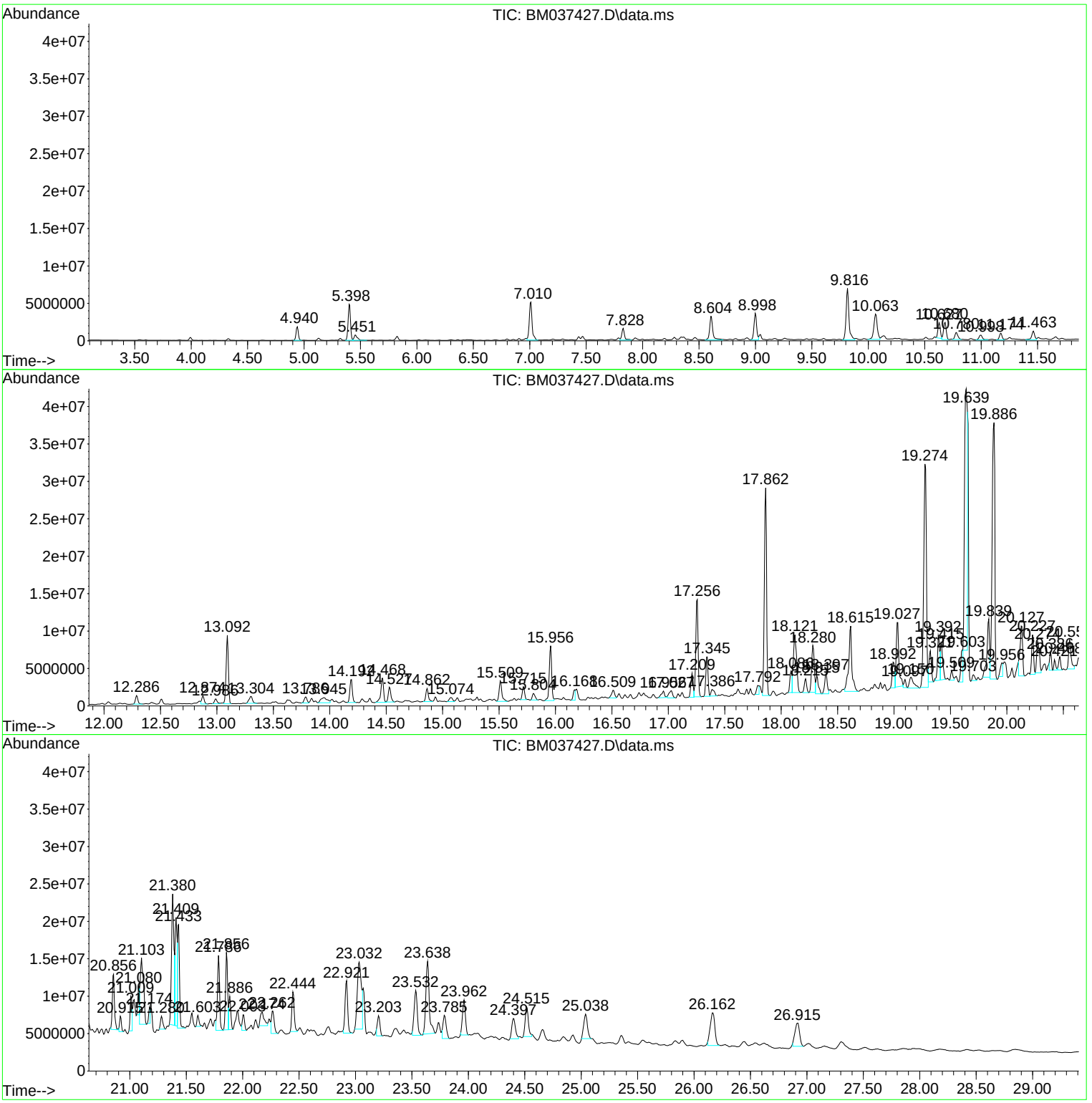
Sum of corrected areas: 823077577

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037427.D
Acq On : 08 Nov 2022 14:06
Operator : CG/JU
Sample : N5436-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.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\BM110822\
Data File : BM037427.D
Acq On : 08 Nov 2022 14:06
Operator : CG/JU
Sample : N5436-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-01

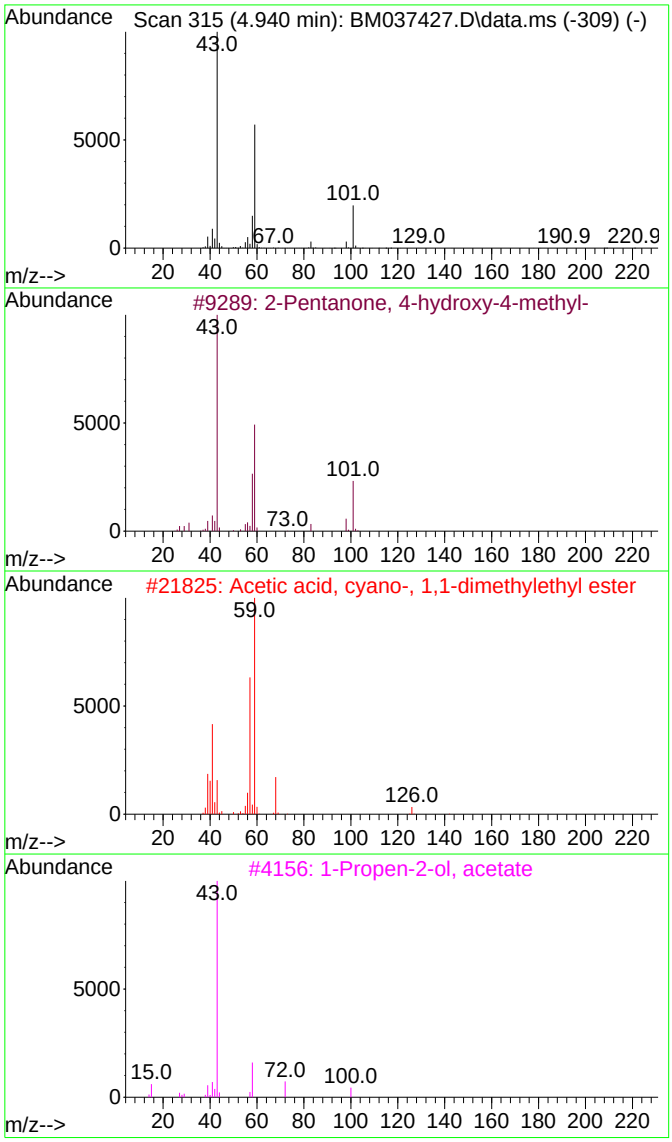
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

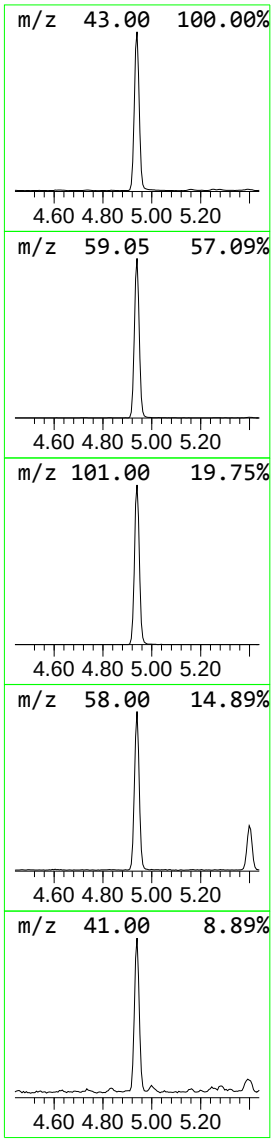
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.940	19.11 ng	2480170	1,4-Dichlorobenzene-d4	7.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037427.D
Acq On : 08 Nov 2022 14:06
Operator : CG/JU
Sample : N5436-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

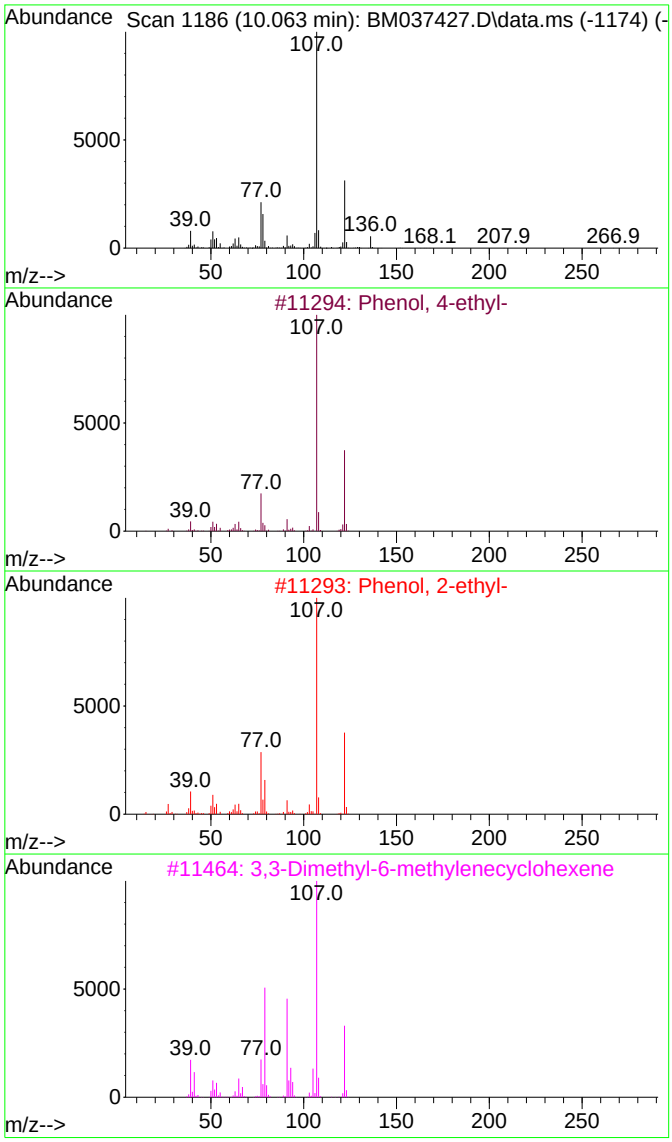
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

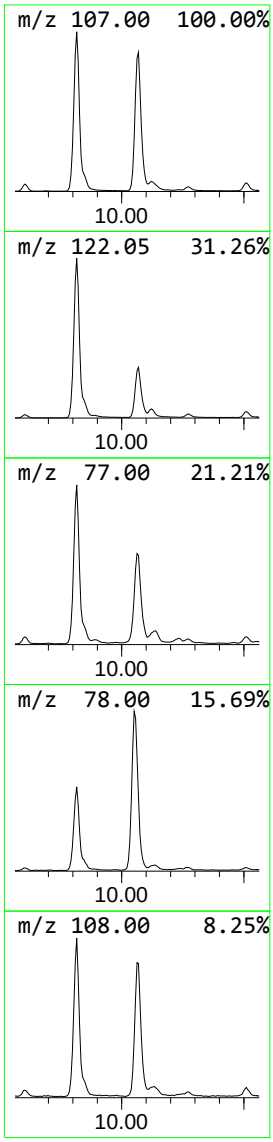
****

Peak Number 2 Phenol, 4-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.063	46.51 ng	7038980	Naphthalene-d8	10.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	93
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	83
3	3,3-Dimethyl-6-methylenecyclohexene	122	C9H14	020185-16-4	72
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	72
5	Phenol, 2-propyl-	136	C9H12O	000644-35-9	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
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Acq On : 08 Nov 2022 14:06
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BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

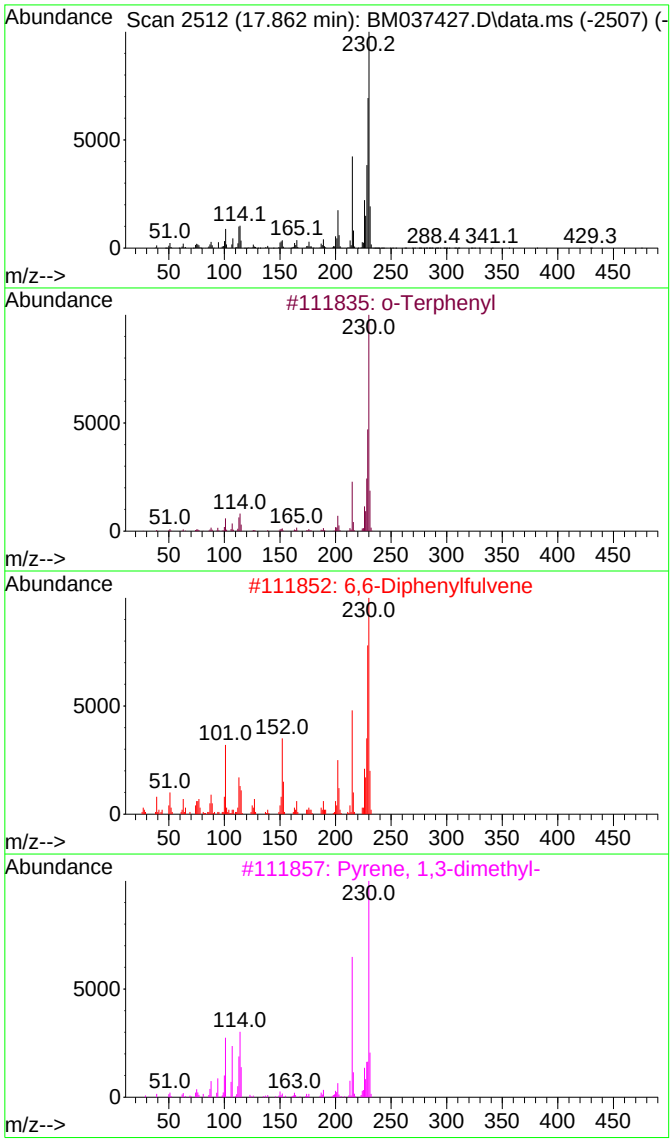
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

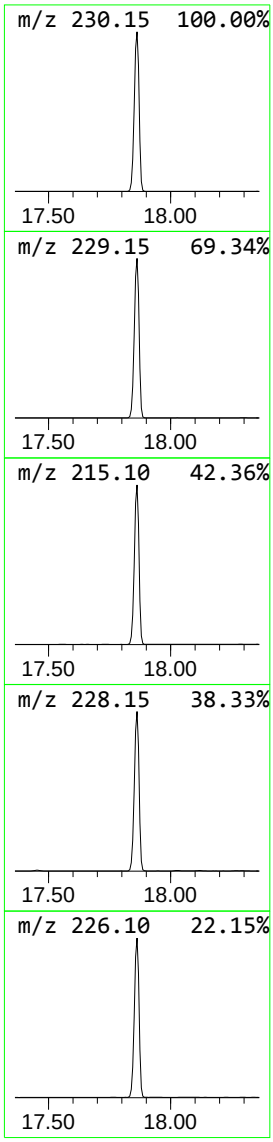
****

Peak Number 3 o-Terphenyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.862	164.55 ng	37553900	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Terphenyl	230	C18H14	000084-15-1	96
2	6,6-Diphenylfulvene	230	C18H14	002175-90-8	89
3	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	78
4	Naphthacene, 5,12-dihydro-	230	C18H14	000959-02-4	55
5	Naphthalene, 2-styryl-	230	C18H14	002039-70-5	50





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Data File : BM037427.D
Acq On : 08 Nov 2022 14:06
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

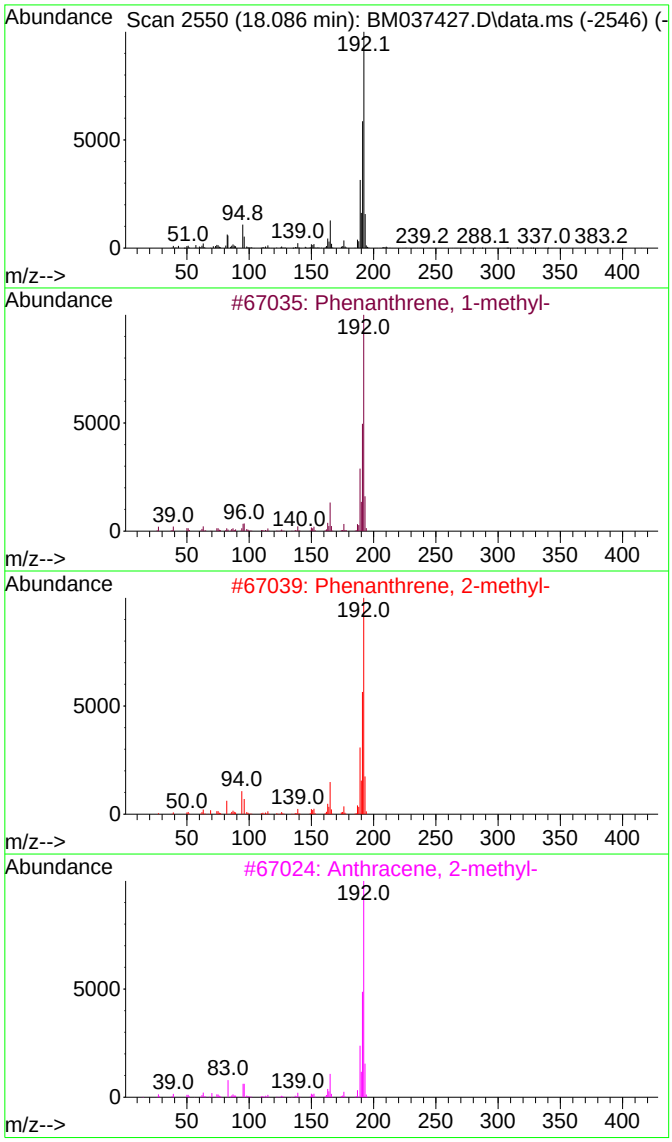
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

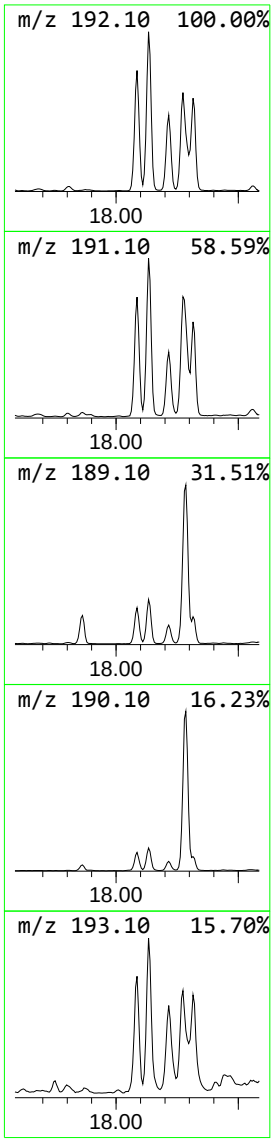
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	17.26 ng	3939090	Phenanthrene-d10	17.209

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037427.D
Acq On : 08 Nov 2022 14:06
Operator : CG/JU
Sample : N5436-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

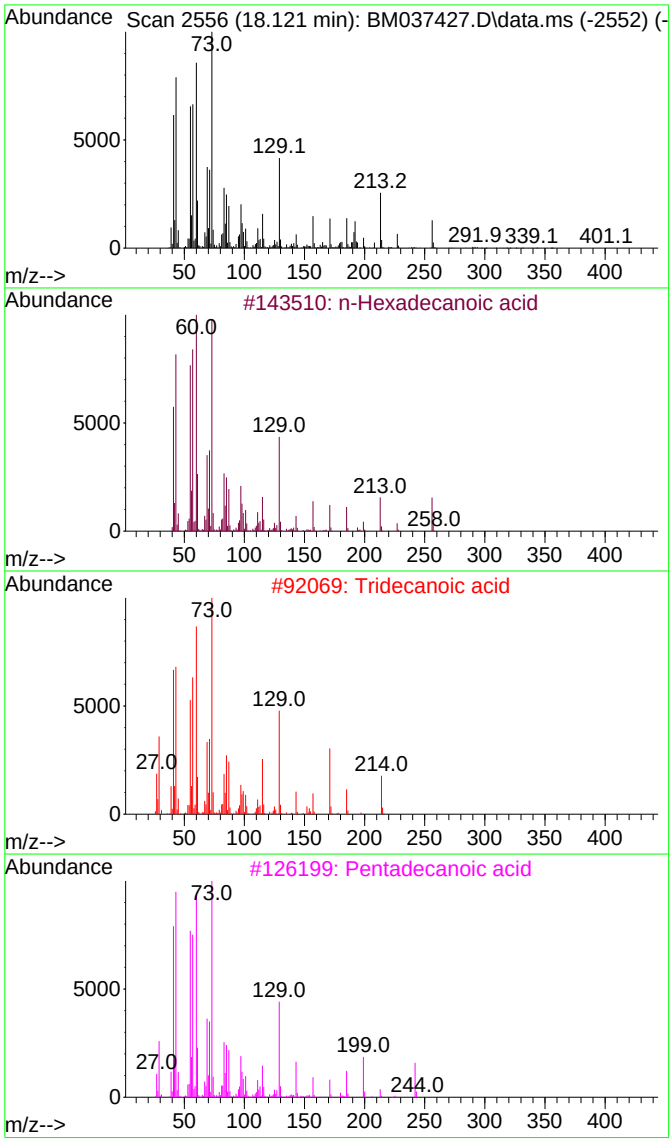
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

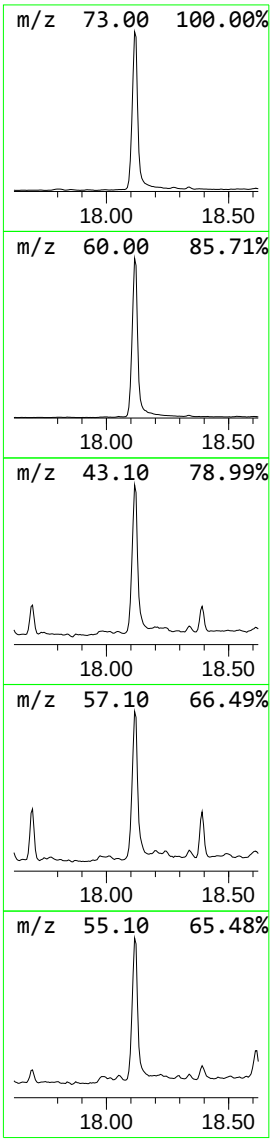
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	65.80 ng	15017800	Phenanthrene-d10	17.209

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	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	74





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Acq On : 08 Nov 2022 14:06
Operator : CG/JU
Sample : N5436-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-01

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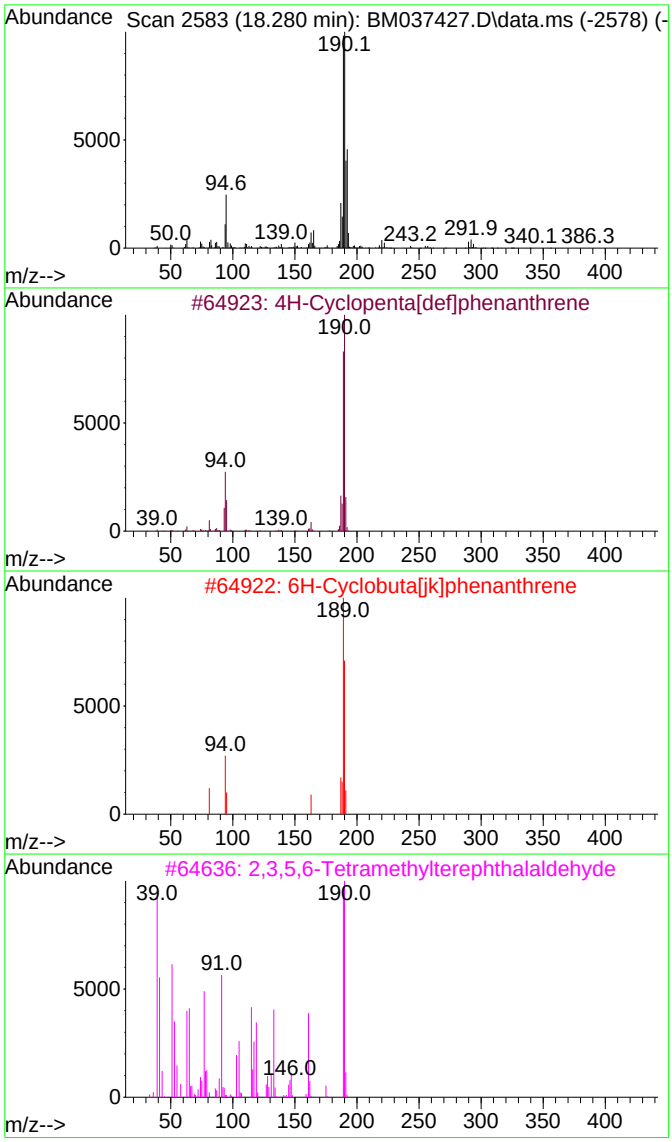
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

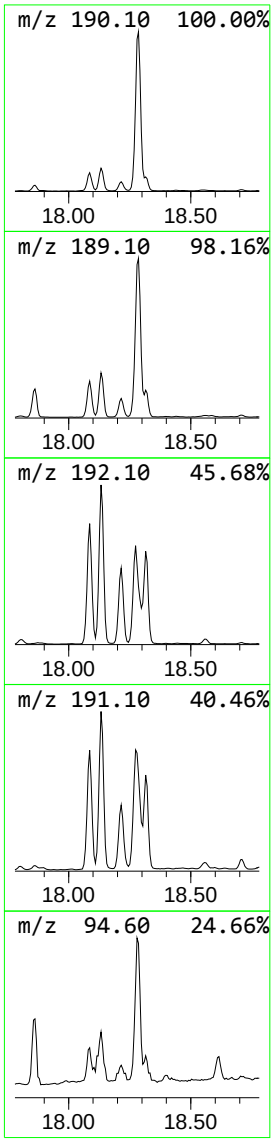
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	45.86 ng	10465000	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	38
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	25





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Operator : CG/JU
Sample : N5436-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
250FERRYBLVD-TFS-01

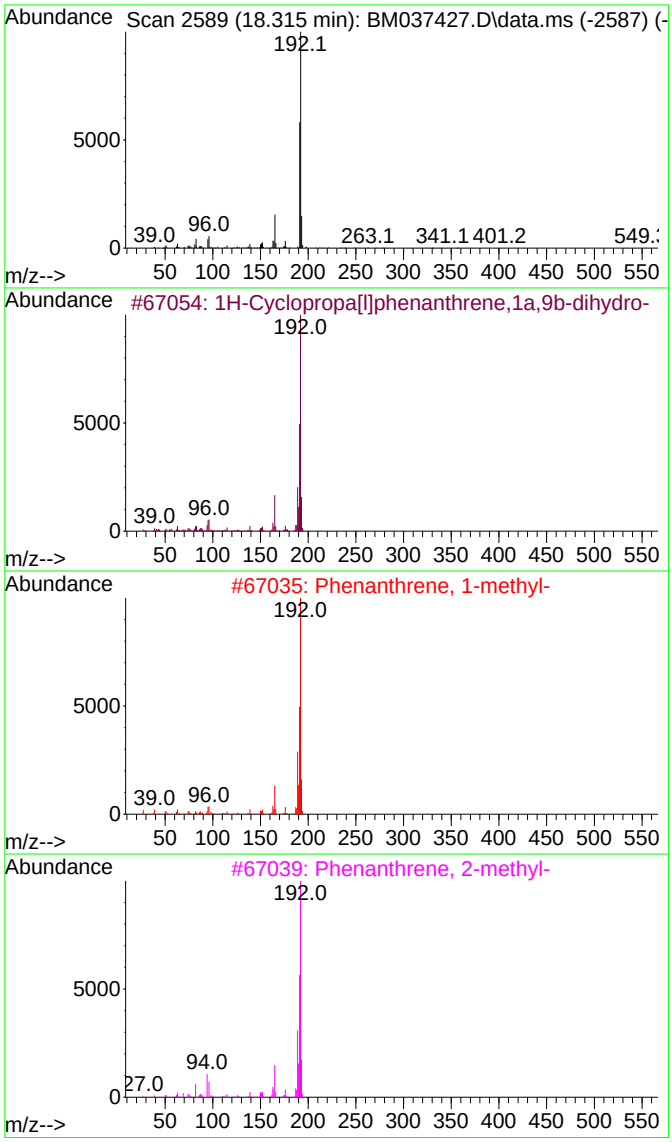
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

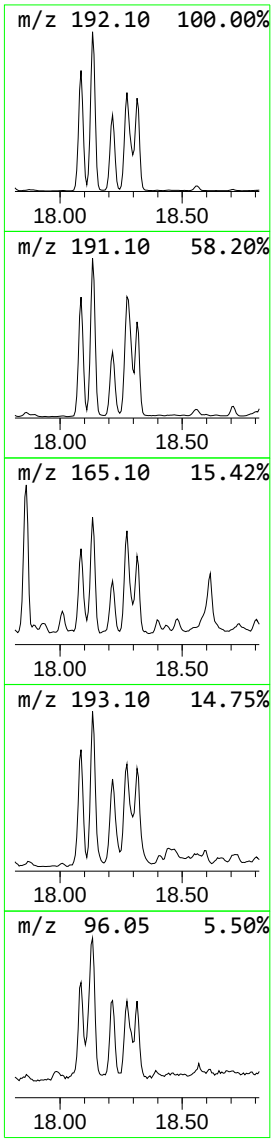
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.315	15.37 ng	3508370	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Operator : CG/JU
Sample : N5436-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
250FERRYBLVD-TFS-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

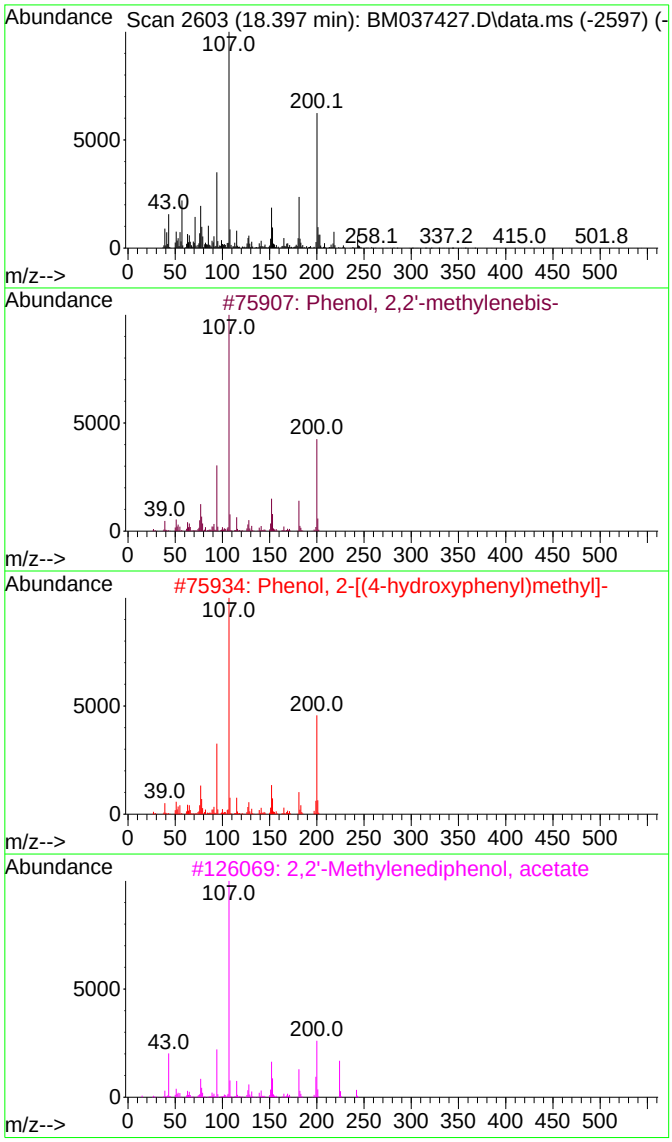
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

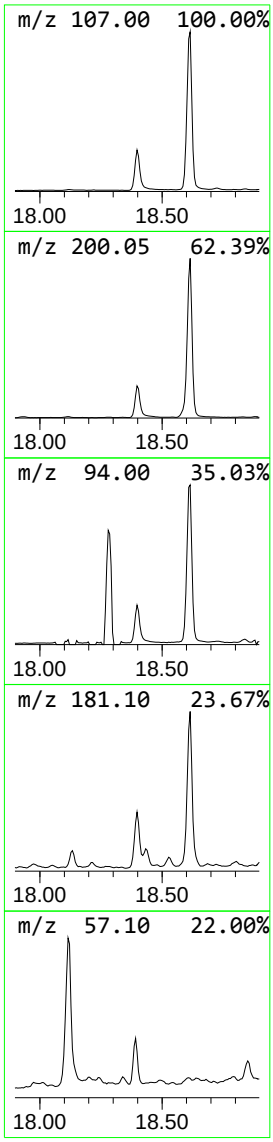
****

Peak Number 8 Phenol, 2,2'-methylenebis- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.398	19.27 ng	4397920	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,2'-methylenebis-	200	C13H12O2	002467-02-9	96
2	Phenol, 2-[(4-hydroxyphenyl)meth...	200	C13H12O2	002467-03-0	91
3	2,2'-Methylenediphenol, acetate	242	C15H14O3	1000462-45-6	53
4	Phenol, 4,4'-methylenebis-	200	C13H12O2	000620-92-8	52
5	Benzeneacetic acid, 4-hydroxy-	152	C8H8O3	000156-38-7	43





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Acq On : 08 Nov 2022 14:06
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

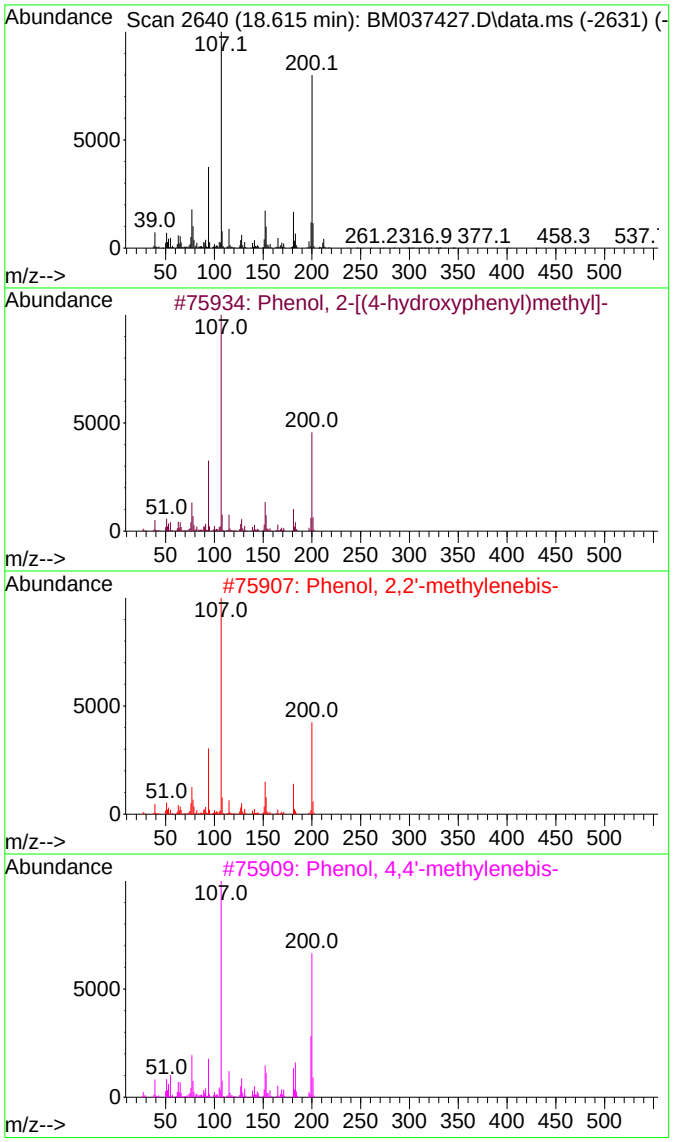
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

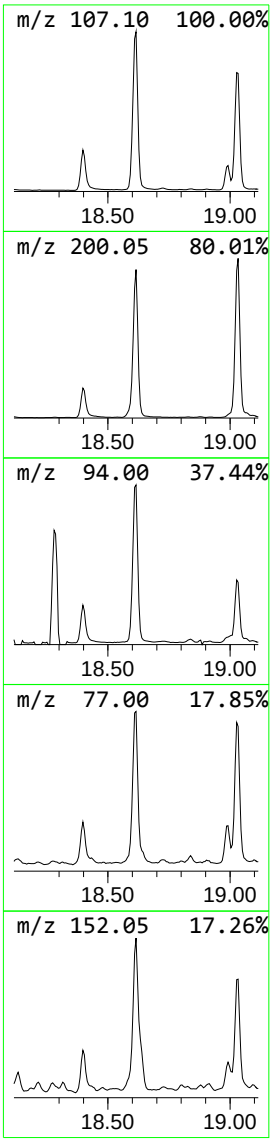
****

Peak Number 9 Phenol, 2-[(4-hydroxyphenyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.615	74.40 ng	16978800	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-[(4-hydroxyphenyl)meth...	200	C13H12O2	002467-03-0	97
2	Phenol, 2,2'-methylenebis-	200	C13H12O2	002467-02-9	93
3	Phenol, 4,4'-methylenebis-	200	C13H12O2	000620-92-8	87
4	1,3-Benzenediol, 4-(phenylmethyl)-	200	C13H12O2	002284-30-2	50
5	Phosphine, methyldiphenyl-	200	C13H13P	001486-28-8	47





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Sample : N5436-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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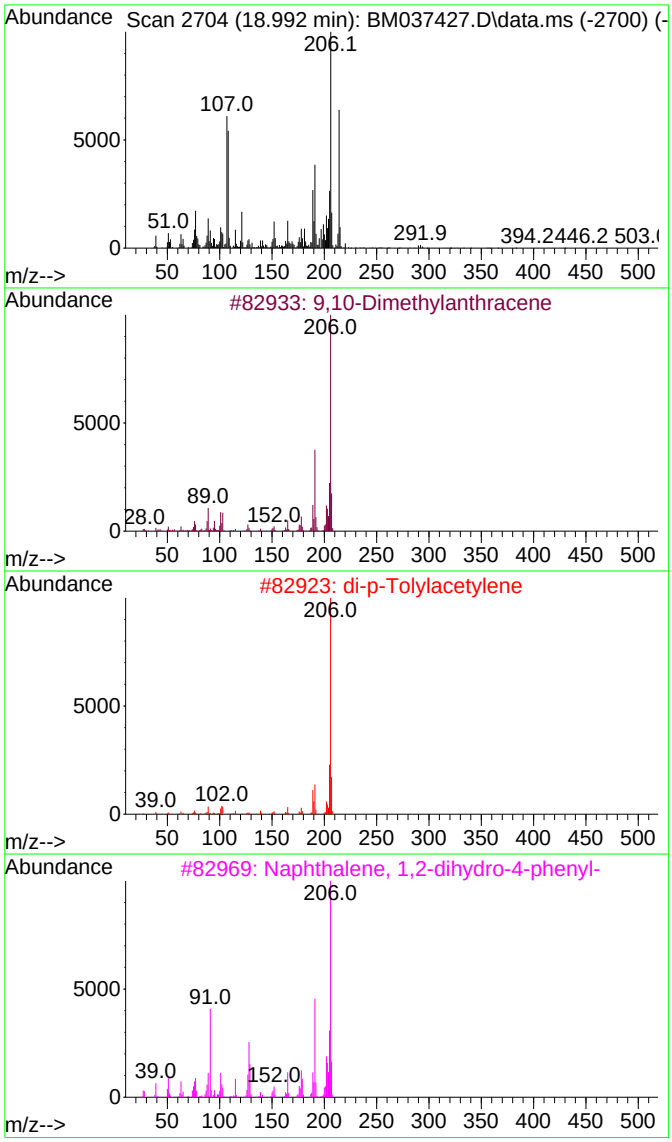
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

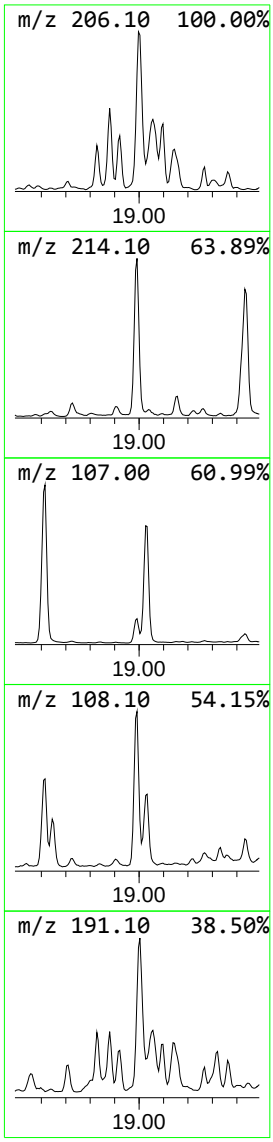
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	24.71 ng	5639850	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	89
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	86
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	70





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

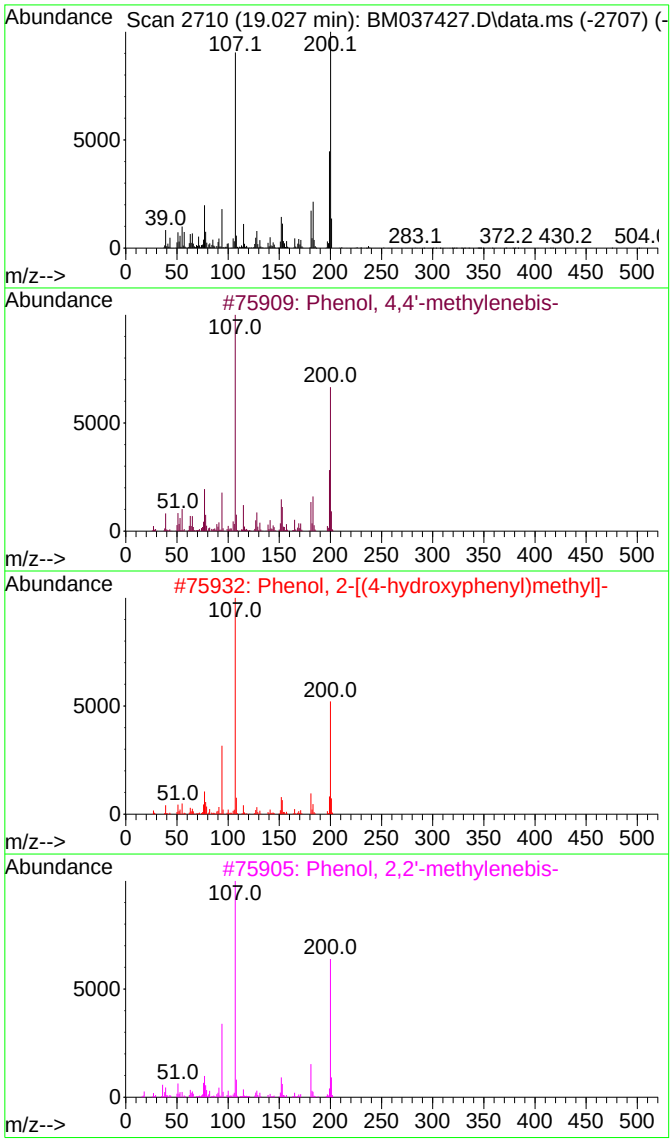
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

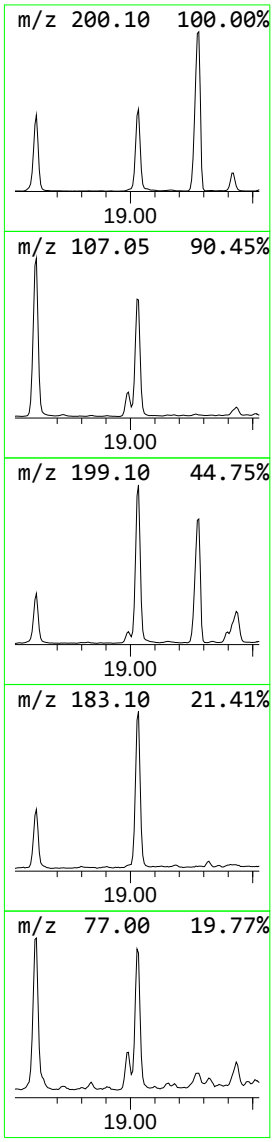
****

Peak Number 11 Phenol, 4,4'-methylenebis- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.027	61.31 ng	13992800	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-methylenebis-	200	C13H12O2	000620-92-8	98
2	Phenol, 2-[(4-hydroxyphenyl)meth...	200	C13H12O2	002467-03-0	90
3	Phenol, 2,2'-methylenebis-	200	C13H12O2	002467-02-9	81
4	1,3-Benzenediol, 4-(phenylmethyl)-	200	C13H12O2	002284-30-2	60
5	Thiazolo[5,4-f]quinoline, 7-methyl-	200	C11H8N2S	003119-56-0	38





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Sample : N5436-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

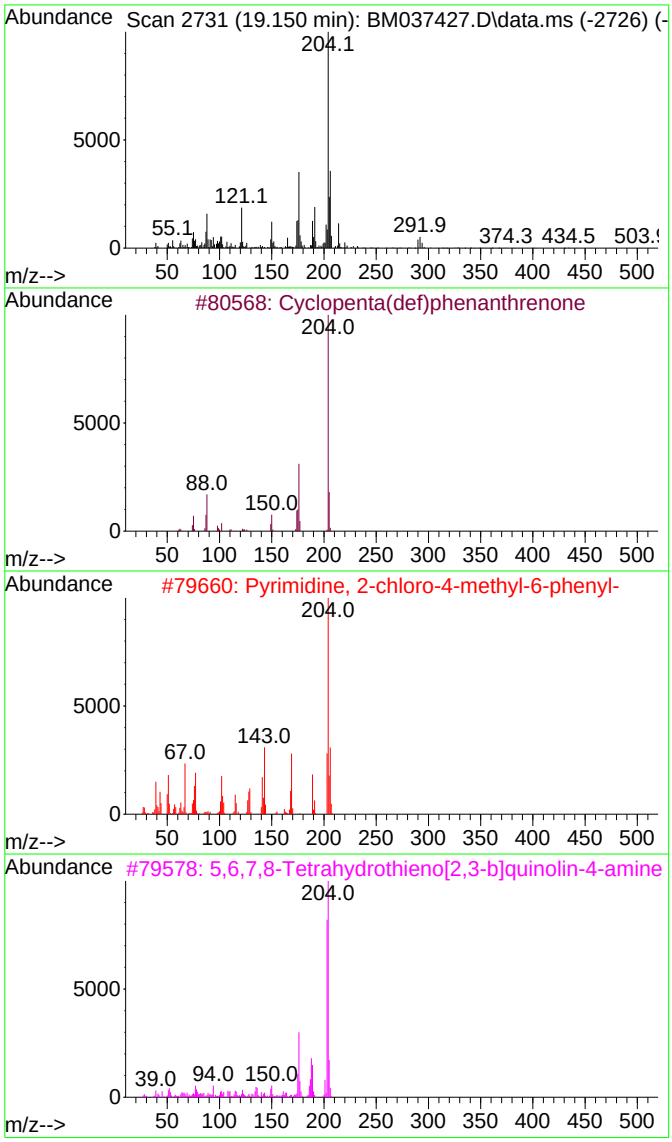
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

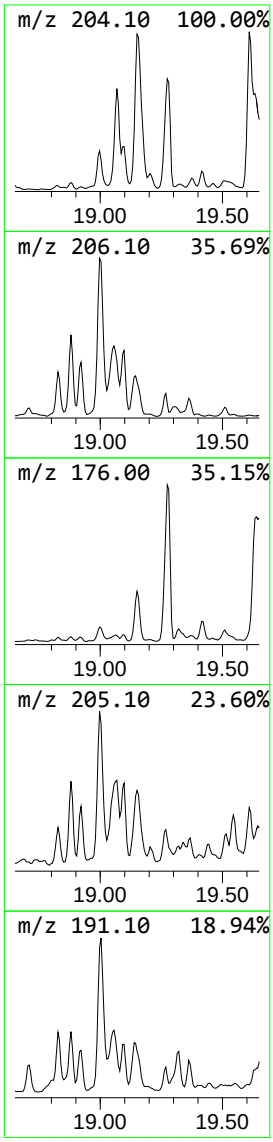
****

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.150	17.10 ng	3903370	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	53
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
4	3-Chloro-[1,1'-biphenyl]-2-yl ac...	246	C14H11ClO2	007460-70-0	50
5	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	50





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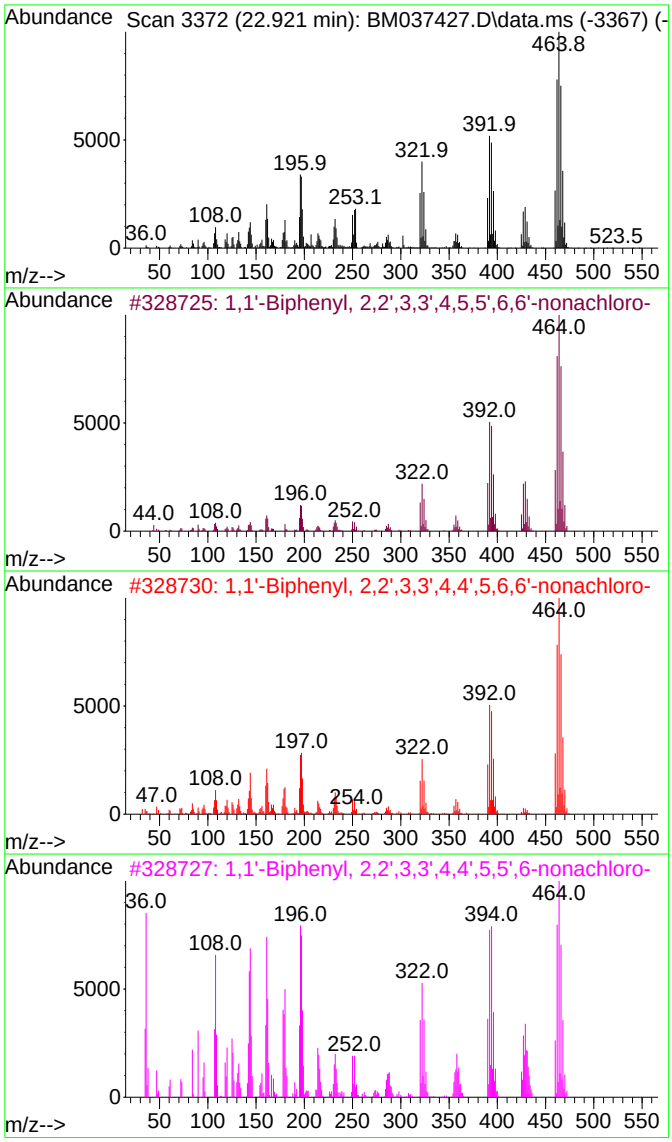
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

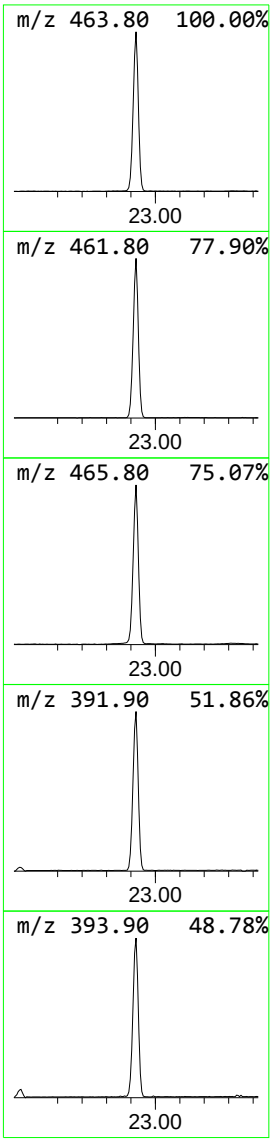
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.921	37.80 ng	11076100	Perylene-d12	23.732

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	460	C12HCl9	052663-77-1	99
2	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	460	C12HCl9	052663-79-3	94
3	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	460	C12HCl9	040186-72-9	68
4	Spiro[benzofuran-2(3H),1'-[2,5]c...	462	C14H9Br3O3	052498-93-8	35
5	4,4'-Dibromo-2,2'-dichloro-3,3'-...	390	C8H2Br2Cl2S2	1000305-62-6	15





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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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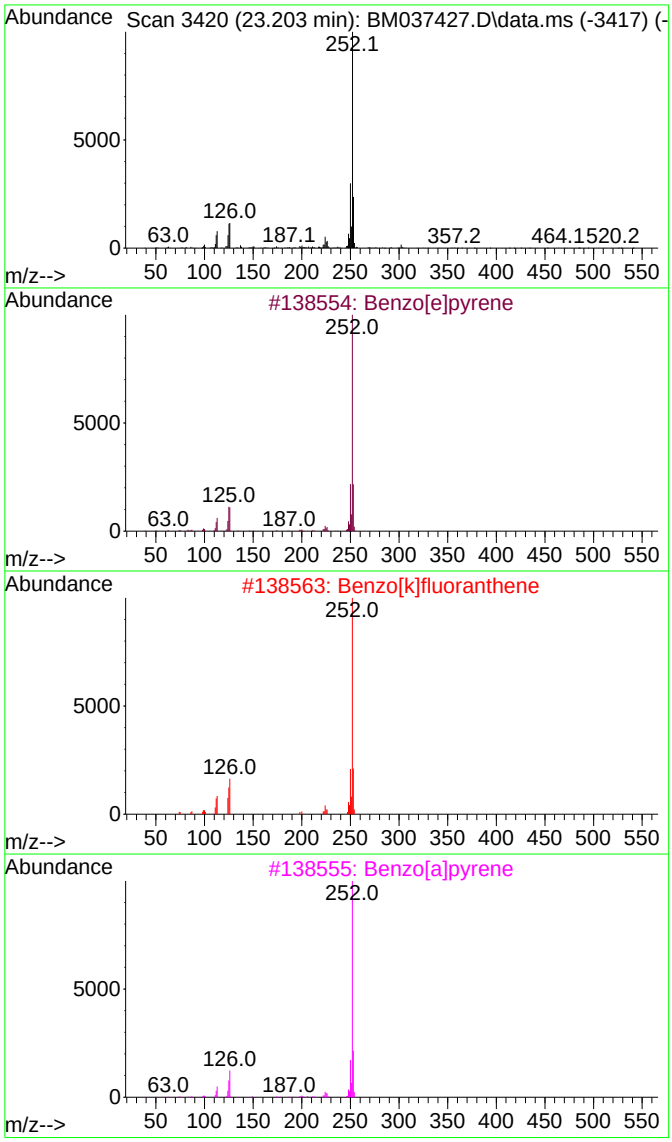
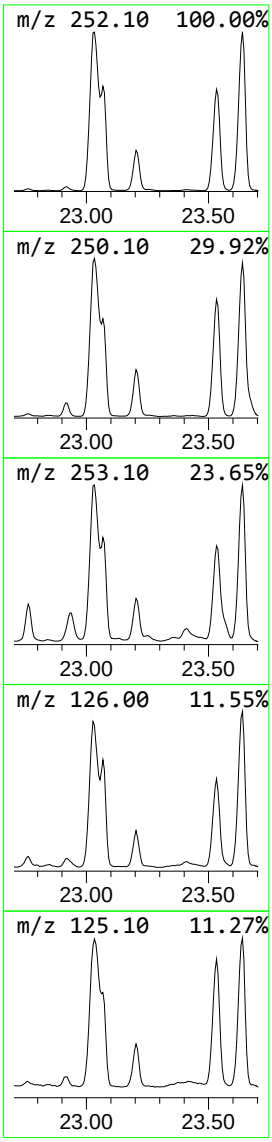
Peak Number 14 Benzo[e]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.203	14.27 ng	4180670	Perylene-d12	23.732

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





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BNA_M
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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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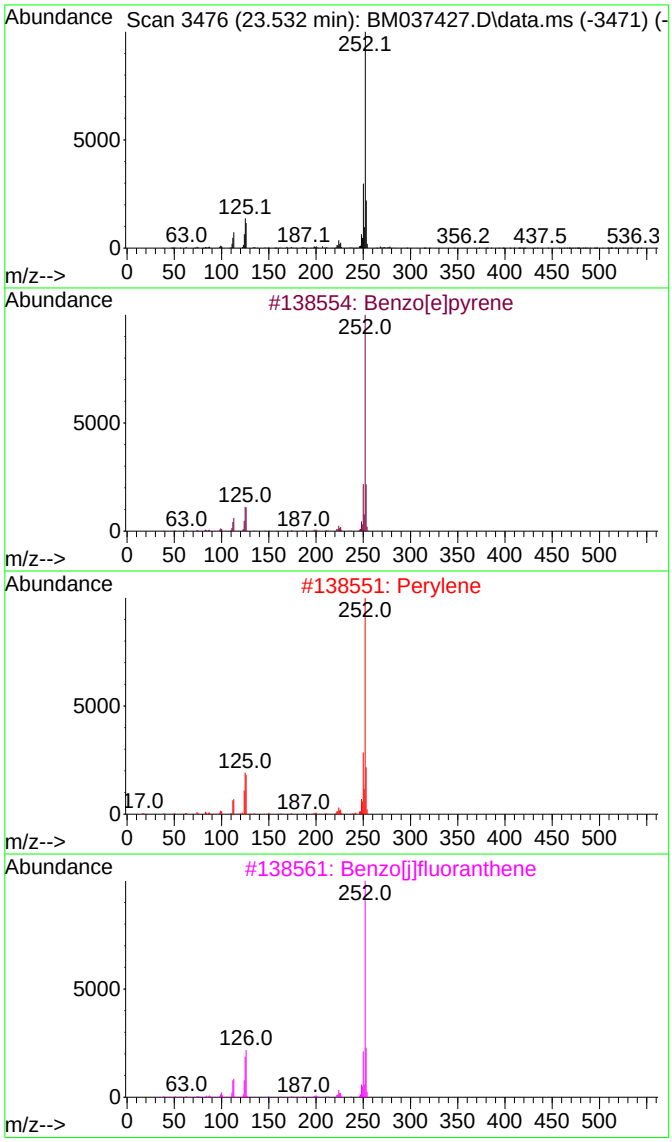
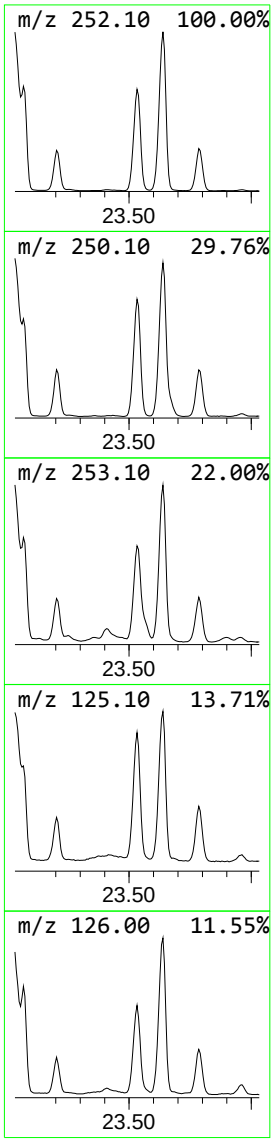
Peak Number 15 Perylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.532	39.81 ng	11666800	Perylene-d12	23.732

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





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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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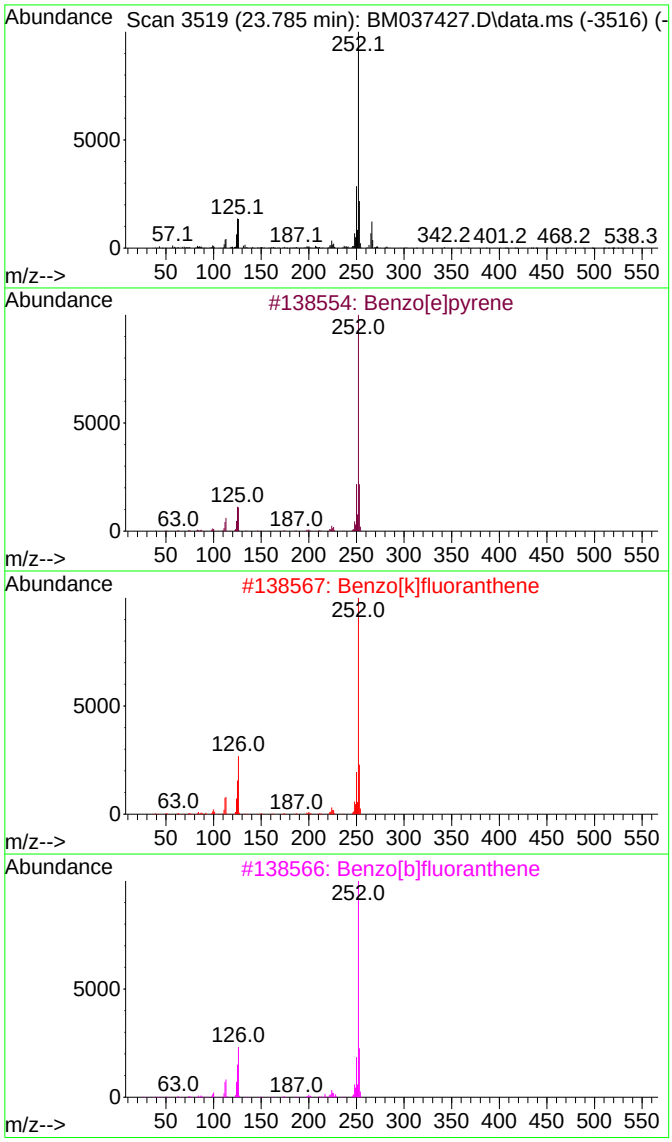
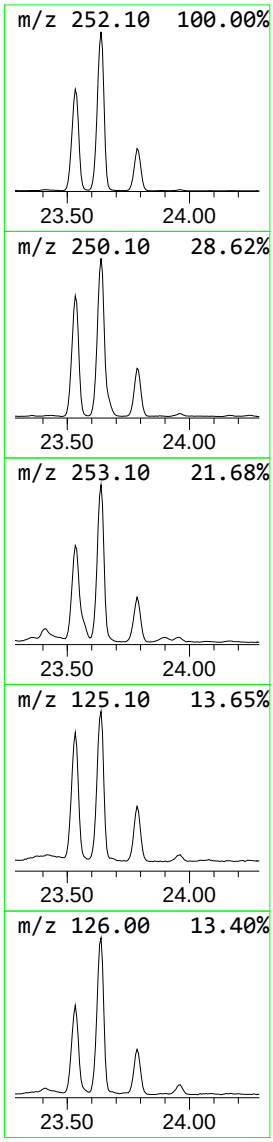
Peak Number 16 Benzo[j]fluoranthene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.785	20.00 ng	5860660	Perylene-d12	23.732

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4	Perylene	252	C20H12	000198-55-0	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037427.D
Acq On : 08 Nov 2022 14:06
Operator : CG/JU
Sample : N5436-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.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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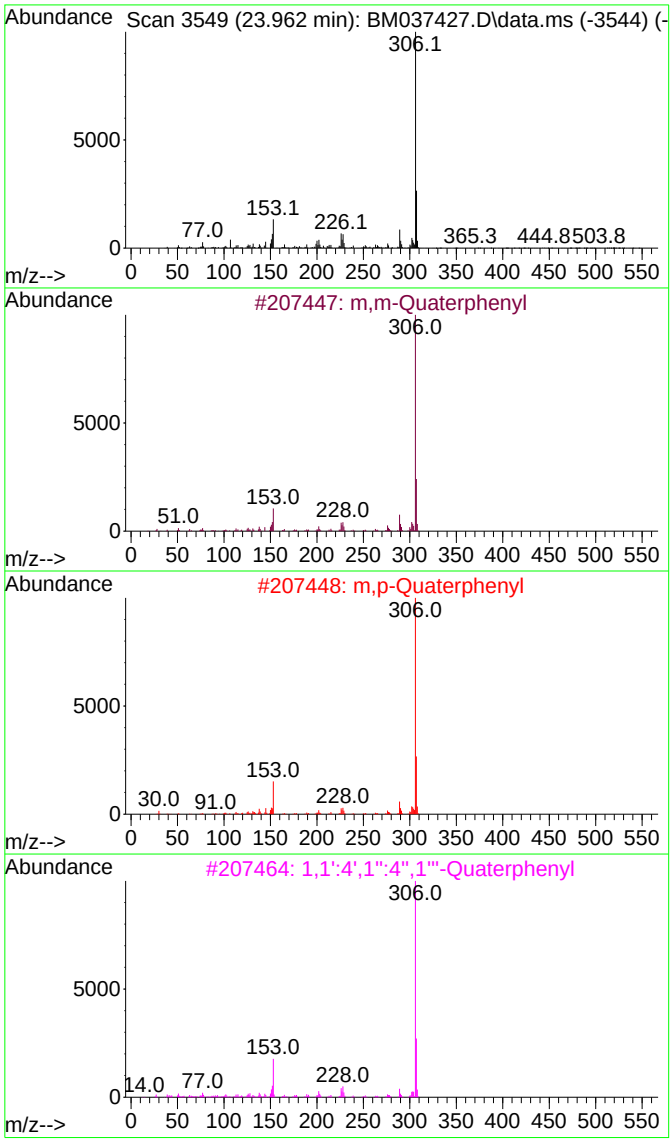
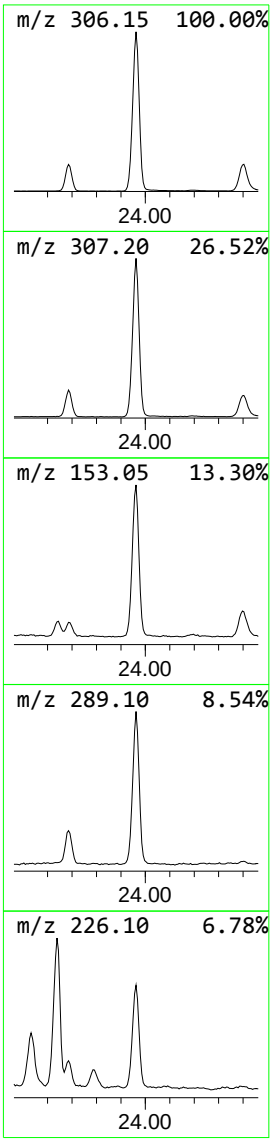
Peak Number 17 m,m-Quaterphenyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.962	28.30 ng	8293350	Perylene-d12	23.732

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m,m-Quaterphenyl	306	C24H18	001166-18-3	99
2	m,p-Quaterphenyl	306	C24H18	001166-19-4	98
3	1,1':4',1'':4'',1'''-Quaterphenyl	306	C24H18	000135-70-6	97
4	1,1':3',1''-Terphenyl, 5'-phenyl-	306	C24H18	000612-71-5	93
5	1,1':2',1'':3'',1'''-Quaterphenyl	306	C24H18	001165-57-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037427.D
Acq On : 08 Nov 2022 14:06
Operator : CG/JU
Sample : N5436-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.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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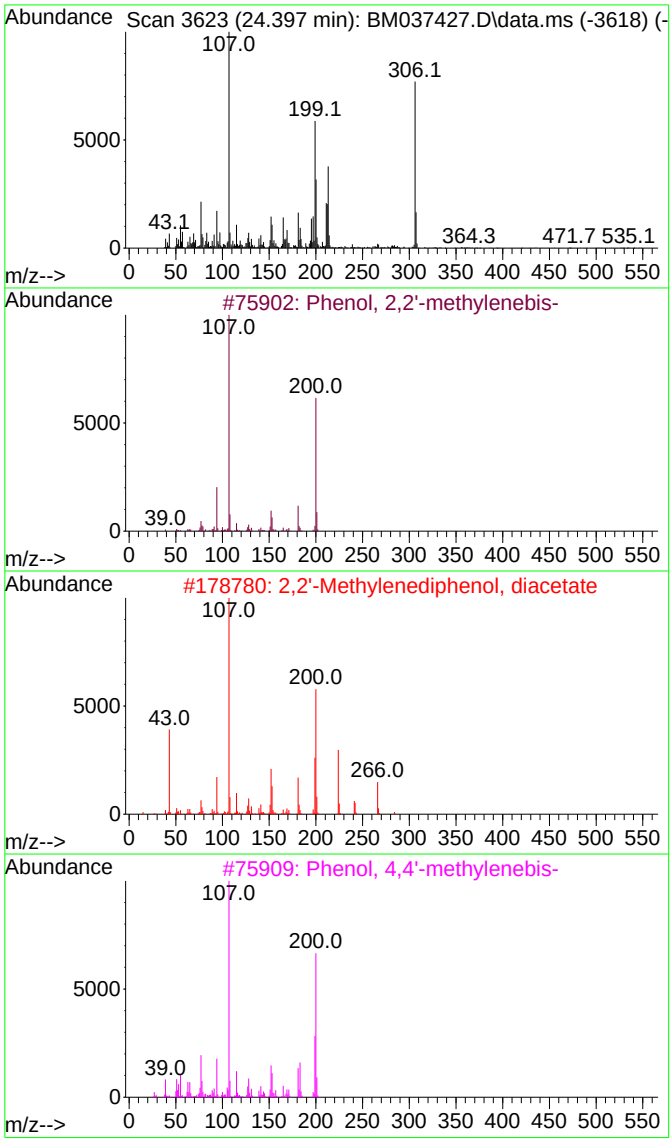
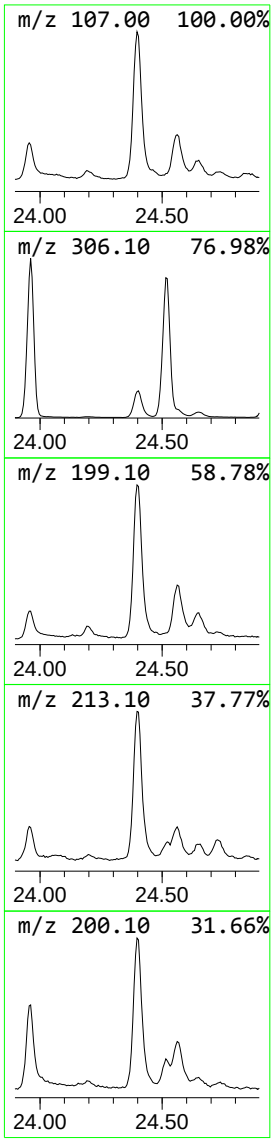
Peak Number 18 unknown24.397 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.397	20.96 ng	6140770	Perylene-d12	23.732

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,2'-methylenebis-	200	C13H12O2	002467-02-9	60
2	2,2'-Methylenediphenol, diacetate	284	C17H16O4	038782-65-9	35
3	Phenol, 4,4'-methylenebis-	200	C13H12O2	000620-92-8	30
4	Phenol, 2-[(4-hydroxyphenyl)meth...	200	C13H12O2	002467-03-0	25
5	2,2'-Methylenediphenol, acetate	242	C15H14O3	1000462-45-6	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037427.D
Acq On : 08 Nov 2022 14:06
Operator : CG/JU
Sample : N5436-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.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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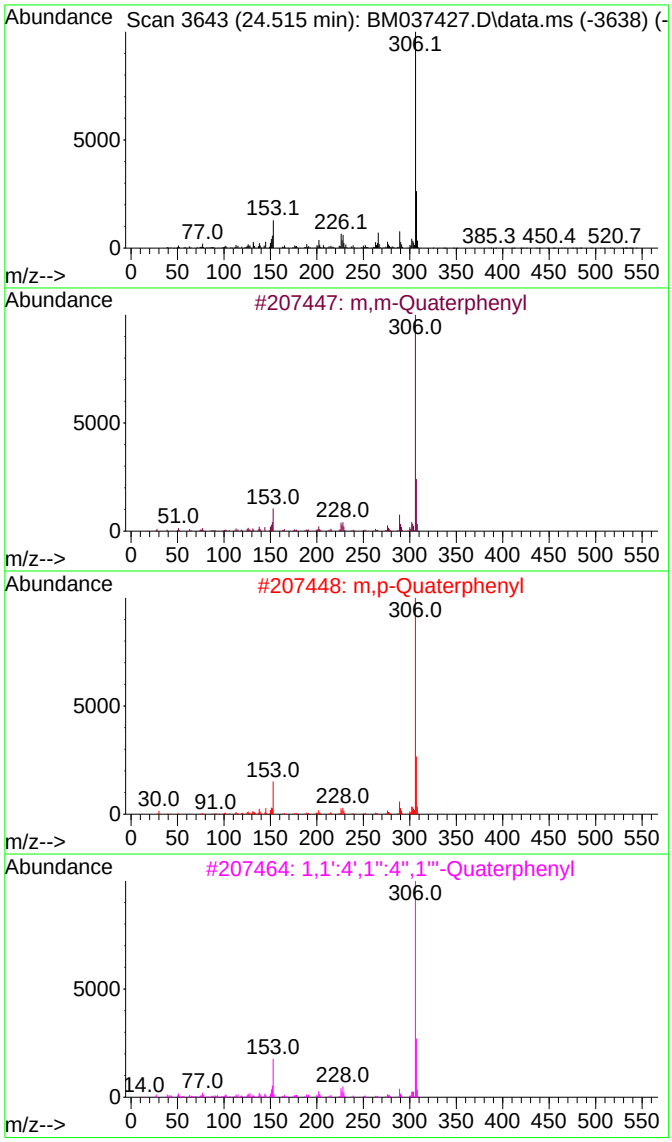
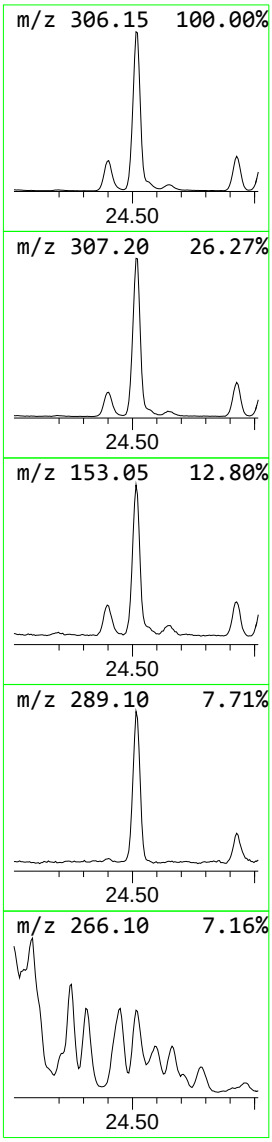
Peak Number 19 m,p-Quaterphenyl Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.515	27.06 ng	7930530	Perylene-d12	23.732

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m,m-Quaterphenyl	306	C24H18	001166-18-3	99
2	m,p-Quaterphenyl	306	C24H18	001166-19-4	98
3	1,1':4',1'':4'',1'''-Quaterphenyl	306	C24H18	000135-70-6	96
4	1,1':3',1''-Terphenyl, 5'-phenyl-	306	C24H18	000612-71-5	95
5	phenol, 4-[[4-[(4-methoxyphenyl)...	306	C19H18N2O2	1000397-62-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037427.D
Acq On : 08 Nov 2022 14:06
Operator : CG/JU
Sample : N5436-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.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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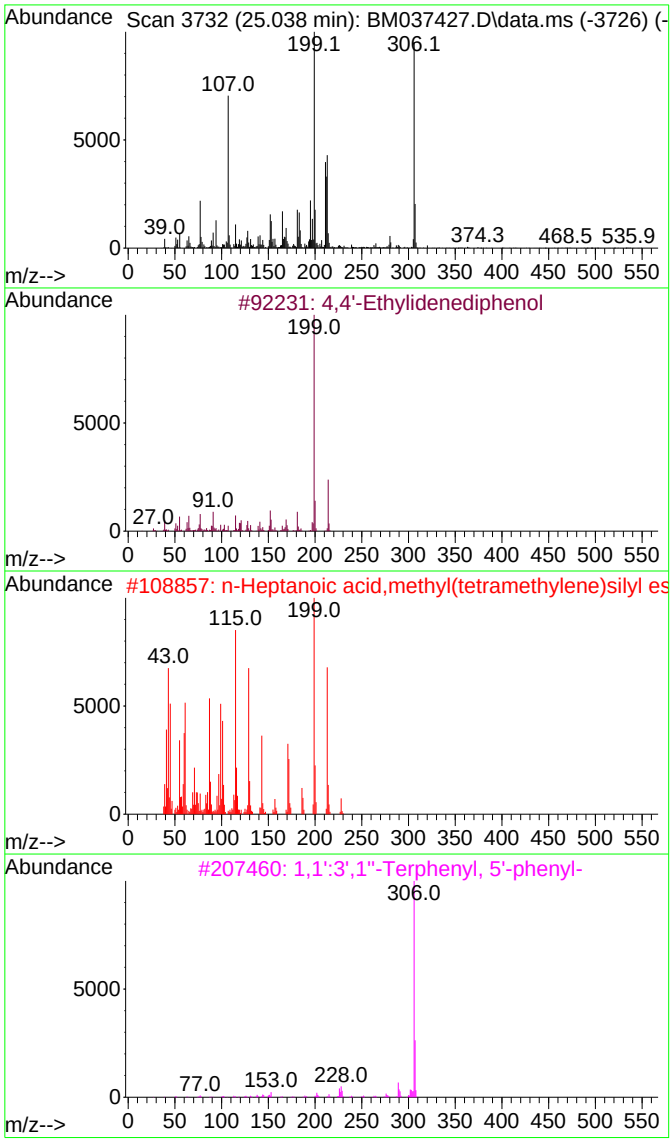
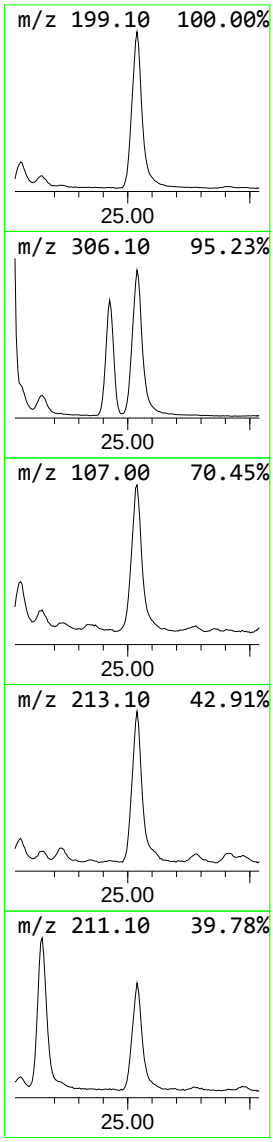
Peak Number 20 unknown25.038 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.038	25.30 ng	7413660	Perylene-d12	23.732

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Ethylidenediphenol	214	C14H14O2	002081-08-5	25
2	n-Heptanoic acid,methyl(tetramet...	228	C12H24O2Si	1000217-03-6	22
3	1,1':3',1''-Terphenyl, 5'-phenyl-	306	C24H18	000612-71-5	14
4	2-(Naphthalen-1-yl)-3-(2-phenyle...	306	C22H14N2	1000486-91-5	14
5	m,m-Quaterphenyl	306	C24H18	001166-18-3	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037427.D
Acq On : 08 Nov 2022 14:06
Operator : CG/JU
Sample : N5436-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.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-...	4.940	19.1	ng	2480170	1	7.828	2595260	20.0
Phenol, 4-ethyl-	10.063	46.5	ng	7038980	2	10.627	3026800	20.0
o-Terphenyl	17.862	164.6	ng	37553900	4	17.209	4564350	20.0
Phenanthrene, 1...	18.086	17.3	ng	3939090	4	17.209	4564350	20.0
n-Hexadecanoic ...	18.121	65.8	ng	15017800	4	17.209	4564350	20.0
4H-Cyclopenta[d...	18.280	45.9	ng	10465000	4	17.209	4564350	20.0
1H-Cyclopropa[l...	18.315	15.4	ng	3508370	4	17.209	4564350	20.0
Phenol, 2,2'-me...	18.398	19.3	ng	4397920	4	17.209	4564350	20.0
Phenol, 2-[(4-h...	18.615	74.4	ng	16978800	4	17.209	4564350	20.0
9,10-Dimethylan...	18.992	24.7	ng	5639850	4	17.209	4564350	20.0
Phenol, 4,4'-me...	19.027	61.3	ng	13992800	4	17.209	4564350	20.0
Cyclopenta(def)...	19.150	17.1	ng	3903370	4	17.209	4564350	20.0
1,1'-Biphenyl, ...	22.921	37.8	ng	11076100	6	23.732	5860660	20.0
Benzo[e]pyrene	23.203	14.3	ng	4180670	6	23.732	5860660	20.0
Perylene	23.532	39.8	ng	11666800	6	23.732	5860660	20.0
Benzo[j]fluoran...	23.785	20.0	ng	5860660	6	23.732	5860660	20.0
m,m-Quaterphenyl	23.962	28.3	ng	8293350	6	23.732	5860660	20.0
unknown24.397	24.397	21.0	ng	6140770	6	23.732	5860660	20.0
m,p-Quaterphenyl	24.515	27.1	ng	7930530	6	23.732	5860660	20.0
unknown25.038	25.038	25.3	ng	7413660	6	23.732	5860660	20.0