LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037428.D
Acq On : 08 Nov 2022 14:42
Operator : CG/JU
Sample : N5436-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-02

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: BM037428.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	1665983	2228058	2.87%	0.381%
2	5.404	387	394	399	rBV	5255158	7421478	9.56%	1.269%
3	5.457	399	403	412	rVB	511533	977095	1.26%	0.167%
4	7.010	661	667	678	rVB	5212534	8720506	11.23%	1.491%
5	7.828	802	806	814	rVB	1257331	1817314	2.34%	0.311%
6	8.610	929	939	950	rBV	1817840	3647606	4.70%	0.624%
7	8.998	998	1005	1010	rBV	3453600	5669940	7.30%	0.970%
8	9.039	1010	1012	1018	rVB	742844	946983	1.22%	0.162%
9	9.816	1136	1144	1155	rBV	3649978	6783032	8.74%	1.160%
10	10.063	1175	1186	1193	rBV2	1748495	3776178	4.86%	0.646%
11	10.627	1278	1282	1286	rVV	1753816	2836116	3.65%	0.485%
12	10.680	1286	1291	1297	rVB	2085502	3430726	4.42%	0.587%
13	10.780	1303	1308	1316	rVB3	612774	1156130	1.49%	0.198%
14	11.463	1413	1424	1429	rBV	846231	1543506	1.99%	0.264%
15	12.286	1559	1564	1572	rBV	921355	1429073	1.84%	0.244%
16	12.510	1596	1602	1608	rVB	568201	893539	1.15%	0.153%
17	12.874	1661	1664	1672	rVB	721585	1070973	1.38%	0.183%
18	13.092	1695	1701	1708	rVB	8688682	11958422	15.40%	2.045%
19	13.304	1729	1737	1746	rVB3	719613	1527009	1.97%	0.261%
20	13.939	1837	1845	1850	rBV4	477047	1412121	1.82%	0.241%
21	14.192	1882	1888	1895	rBV	1652825	2539798	3.27%	0.434%
22	14.468	1925	1935	1940	rBV	2448655	3938417	5.07%	0.674%
23	14.533	1940	1946	1953	rVB	1816323	2980775	3.84%	0.510%
24	14.863	1997	2002	2011	rBV	1158868	1876931	2.42%	0.321%
25	15.510	2107	2112	2124	rVB	1858906	3169357	4.08%	0.542%
26	15.715	2143	2147	2152	rBV3	1293861	1779392	2.29%	0.304%
27	15.804	2158	2162	2169	rBV2	481142	919544	1.18%	0.157%
28	15.957	2183	2188	2193	rVB	6433309	8464612	10.90%	1.448%
29	16.186	2220	2227	2234	rBV5	1028759	2463801	3.17%	0.421%
30	17.027	2364	2370	2377	rVB2	678276	1418368	1.83%	0.243%
31	17.209	2396	2401	2404	rBV	2427126	3456525	4.45%	0.591%
32	17.256	2404	2409	2416	rVB	10946813	15201244	19.58%	2.600%
33	17.345	2419	2424	2428	rBV	2672385	3597626	4.63%	0.615%
34	17.392	2428	2432	2439	rVB4	532368	1156020	1.49%	0.198%
35	17.621	2467	2471	2475	rVB	835386	1153460	1.49%	0.197%
36	17.809	2497	2503	2507	rVV5	942535	2148870	2.77%	0.367%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037428.D
Acq On : 08 Nov 2022 14:42
Operator : CG/JU
Sample : N5436-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-02

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	17.862	2507	2512	2519	rVB	18122715	24055579	30.98%	4.114%
38	18.115	2546	2555	2564	rBV2	5357177	12035879	15.50%	2.058%
39	18.215	2568	2572	2577	rVB	1006343	1407204	1.81%	0.241%
40	18.280	2578	2583	2587	rBV2	3102179	5204633	6.70%	0.890%
41	18.315	2587	2589	2596	rVB	1185108	1963435	2.53%	0.336%
42	18.398	2598	2603	2607	rBV2	2170087	3359681	4.33%	0.575%
43	18.609	2632	2639	2652	rVB3	6943124	12912194	16.63%	2.208%
44	18.992	2700	2704	2706	rBV2	2325230	3347695	4.31%	0.573%
45	19.027	2706	2710	2719	rVB	6899713	10401304	13.40%	1.779%
46	19.098	2719	2722	2725	rVB2	773036	851101	1.10%	0.146%
47	19.145	2727	2730	2744	rVB6	1037694	2465075	3.17%	0.422%
48	19.274	2745	2752	2757	rBV	19603536	29903149	38.51%	5.114%
49	19.321	2757	2760	2765	rVB2	3921435	5027047	6.47%	0.860%
50	19.392	2768	2772	2775	rBV	4603186	5784551	7.45%	0.989%
51	19.639	2803	2814	2819	rBV3	37469216	77646707	100.00%	13.279%
52	19.839	2844	2848	2851	rBV	8089498	10850052	13.97%	1.856%
53	19.880	2851	2855	2860	rVB	31900456	45034543	58.00%	7.702%
54	20.127	2893	2897	2902	rVB3	3667726	6153689	7.93%	1.052%
55	20.227	2911	2914	2918	rVB	1944570	2340988	3.01%	0.400%
56	20.274	2918	2922	2927	rBV2	3940595	5804159	7.48%	0.993%
57	20.386	2938	2941	2945	rVB	2662403	3110324	4.01%	0.532%
58	20.556	2966	2970	2976	rBV3	3256936	4605804	5.93%	0.788%
59	20.856	3017	3021	3026	rVV2	8134857	10238515	13.19%	1.751%
60	20.915	3029	3031	3035	rVB3	2348171	2537304	3.27%	0.434%
61	21.009	3044	3047	3050	rBV	4261252	5850247	7.53%	1.001%
62	21.103	3056	3063	3065	rBV6	6809476	12479865	16.07%	2.134%
63	21.174	3072	3075	3076	rBV	2231591	2285669	2.94%	0.391%
64	21.380	3105	3110	3112	rBV	8775262	14129887	18.20%	2.416%
65	21.409	3112	3115	3124	rVB2	13352743	25220732	32.48%	4.313%
66	21.786	3175	3179	3186	rVB	10973062	14055950	18.10%	2.404%
67	21.856	3187	3191	3194	rBV	10636574	14580323	18.78%	2.494%
68	22.444	3287	3291	3298	rVB2	5739394	8236596	10.61%	1.409%
69	22.915	3367	3371	3382	rVV2	7138022	12041115	15.51%	2.059%
70	23.027	3385	3390	3402	rVB	5389262	17747447	22.86%	3.035%
71	23.527	3471	3475	3484	rVB	3078158	5738545	7.39%	0.981%
72	23.633	3488	3493	3498	rBV	4932492	9285140	11.96%	1.588%
73	23.962	3544	3549	3555	rVB	4745938	8462020	10.90%	1.447%
74	24.397	3619	3623	3630	rVB	2441256	4630457	5.96%	0.792%
75	24.521	3638	3644	3659	rVB	4059143	10369528	13.35%	1.773%
76	25.038	3726	3732	3740	rVB	3087331	7067573	9.10%	1.209%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037428.D
Acq On : 08 Nov 2022 14:42
Operator : CG/JU
Sample : N5436-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-02

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

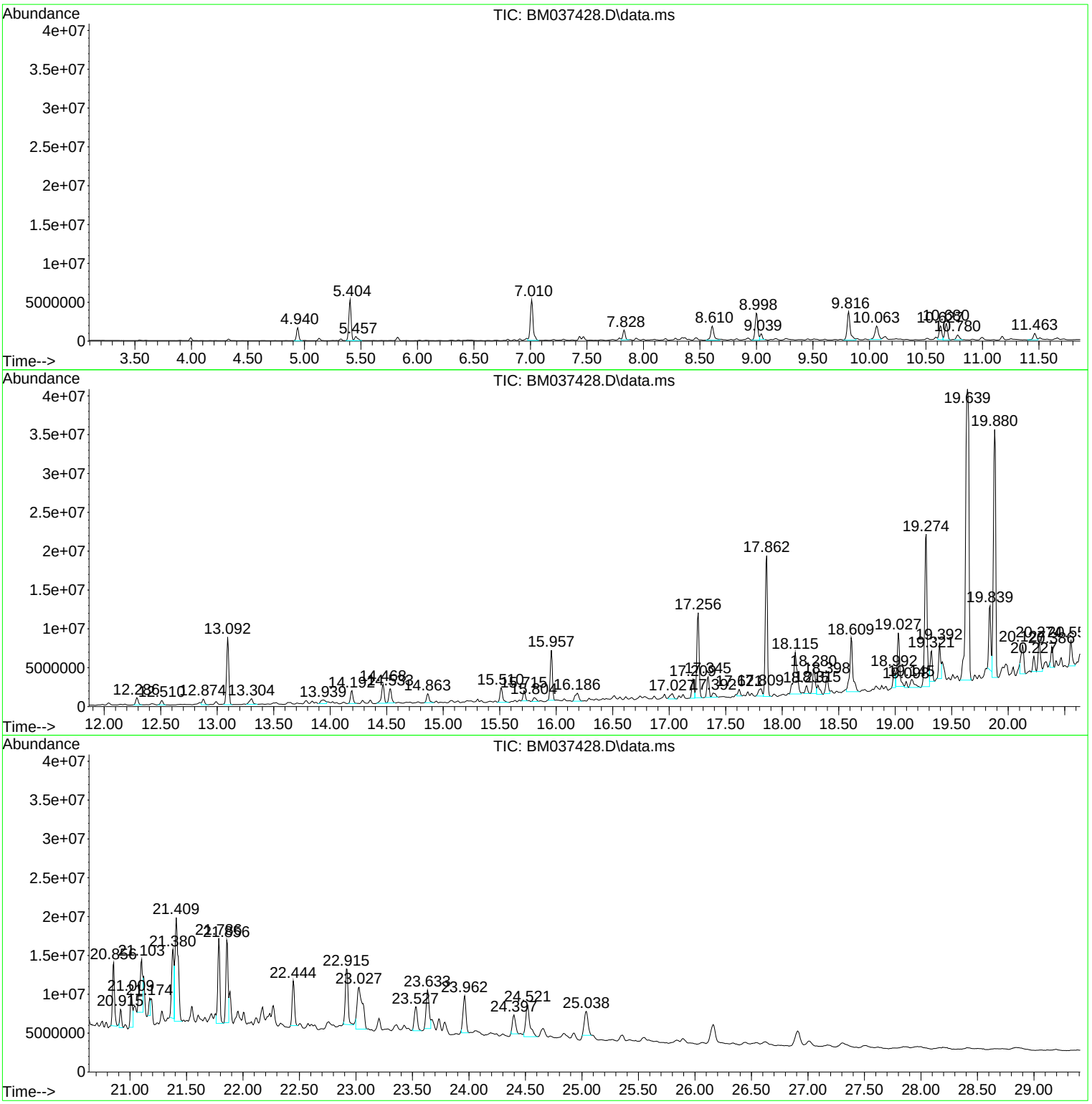
Sum of corrected areas: 584732251

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037428.D
Acq On : 08 Nov 2022 14:42
Operator : CG/JU
Sample : N5436-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-02

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 : BM037428.D
Acq On : 08 Nov 2022 14:42
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Sample : N5436-02
Misc :
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Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-02

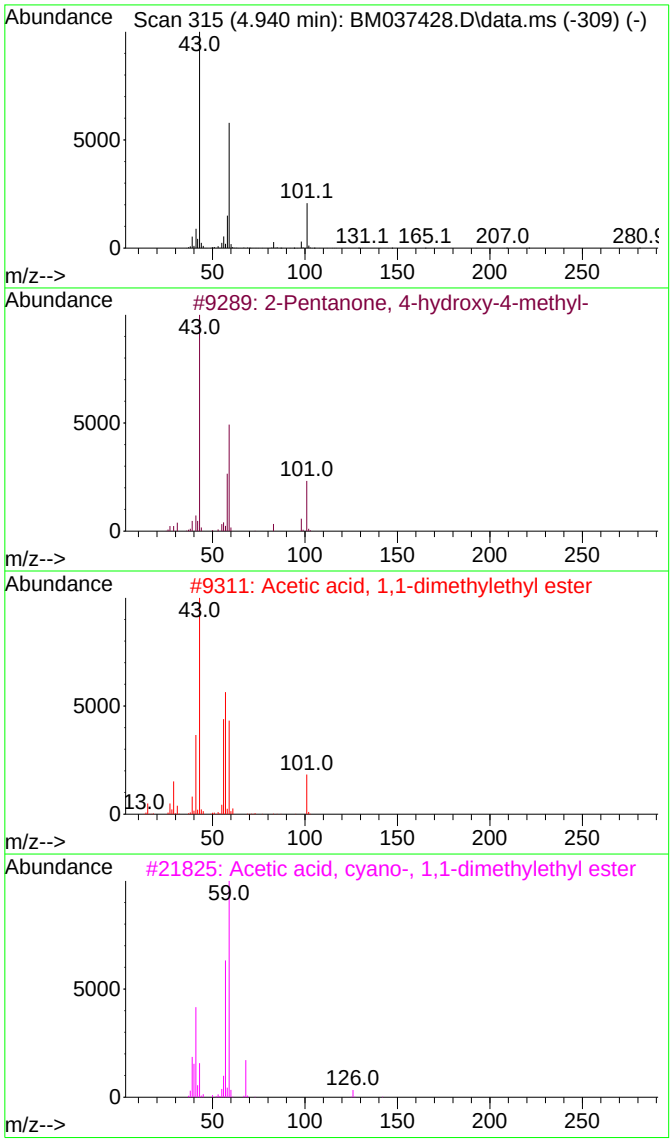
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

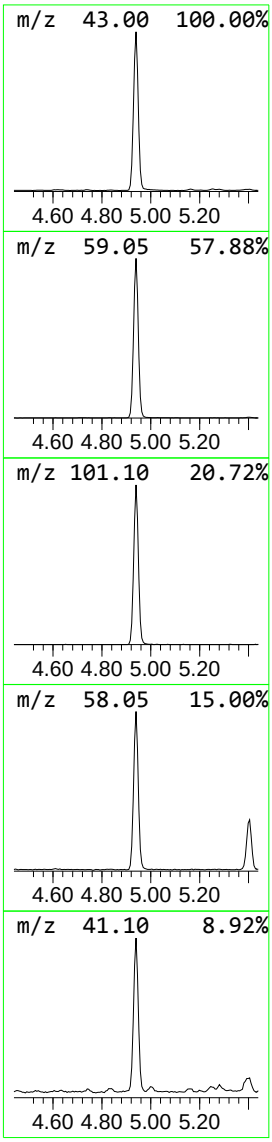
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.940	24.52 ng	2228060	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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037428.D
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Operator : CG/JU
Sample : N5436-02
Misc :
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Instrument :
BNA_M
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

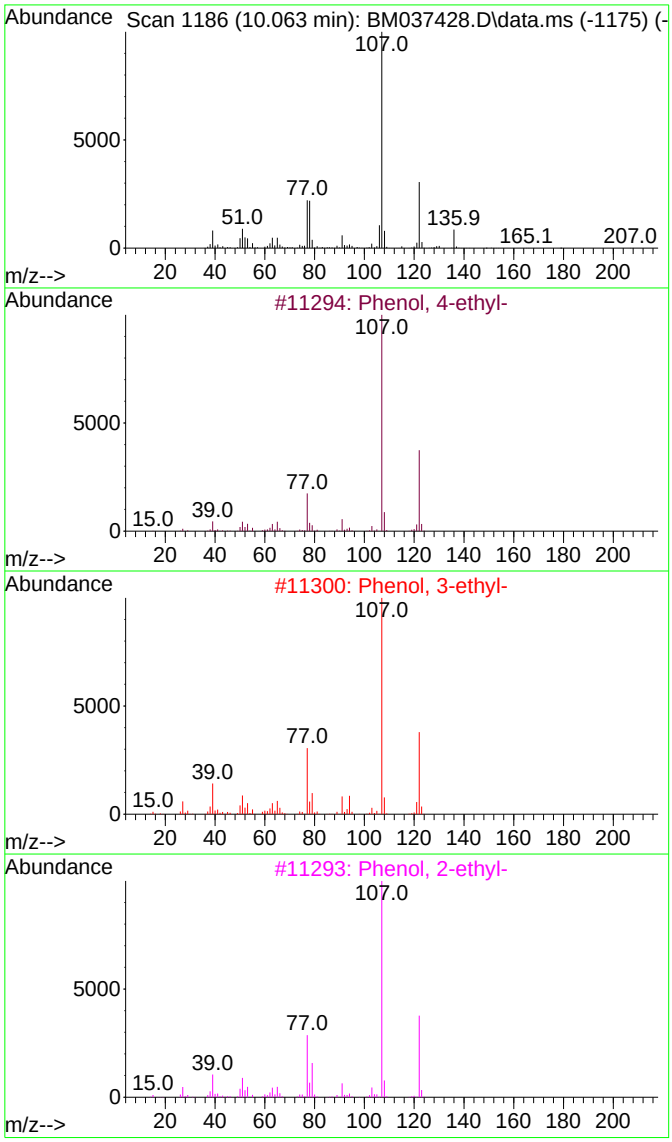
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

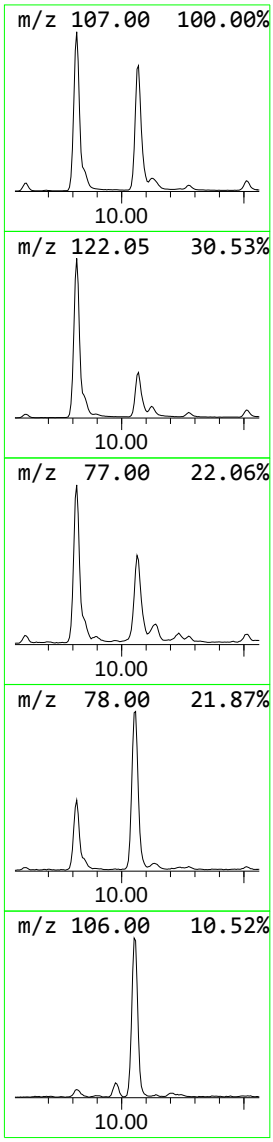
****

Peak Number 2 Phenol, 4-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.063	26.63 ng	3776180	Naphthalene-d8	10.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	81
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	74
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	74
4	Phenol, 2-propyl-	136	C9H12O	000644-35-9	64
5	3,3-Dimethyl-6-methylenecyclohexene	122	C9H14	020185-16-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037428.D
Acq On : 08 Nov 2022 14:42
Operator : CG/JU
Sample : N5436-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-02

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

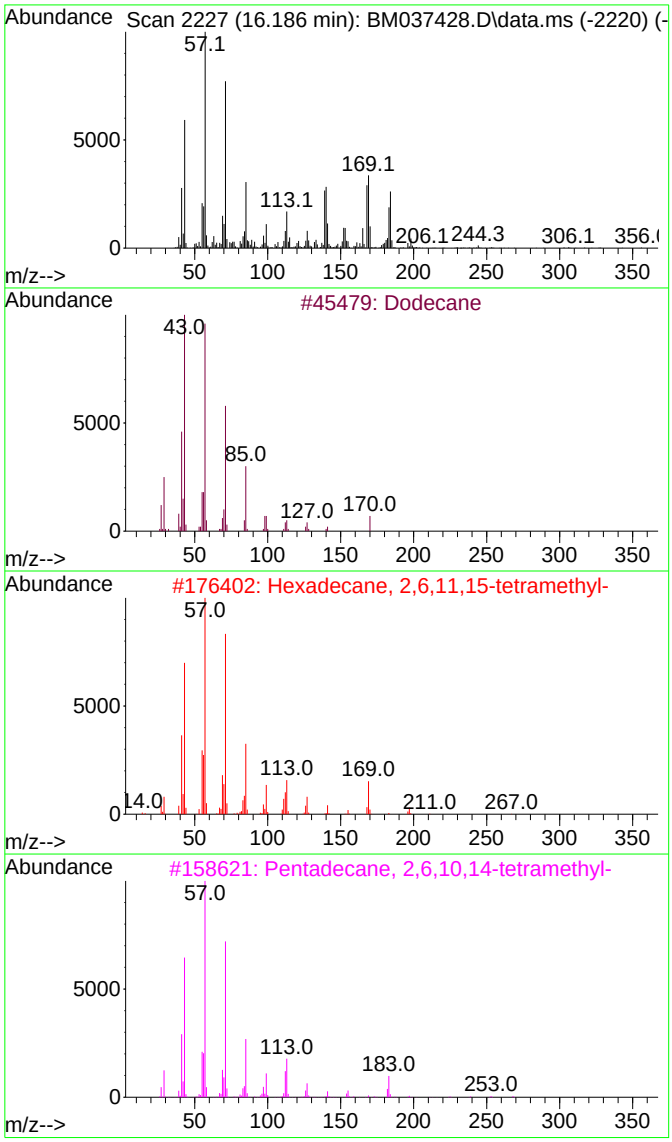
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

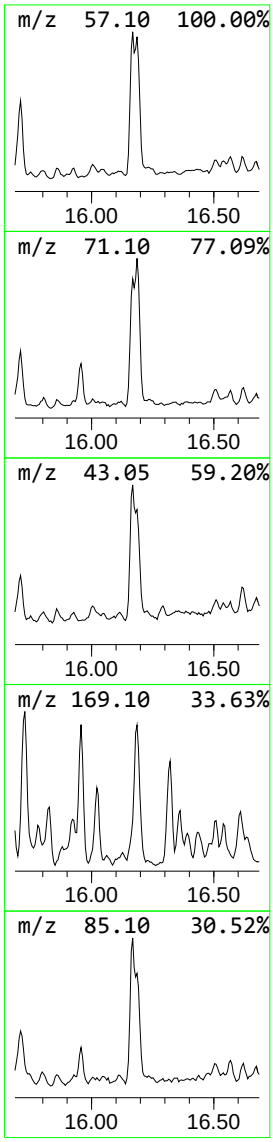
****

Peak Number 3 unknown16.186 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.186	14.26 ng	2463800	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	46
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	45
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	45
4	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	43
5	Decane, 2-methyl-	156	C11H24	006975-98-0	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
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Acq On : 08 Nov 2022 14:42
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ClientSampleId :
250FERRYBLVD-TFS-02

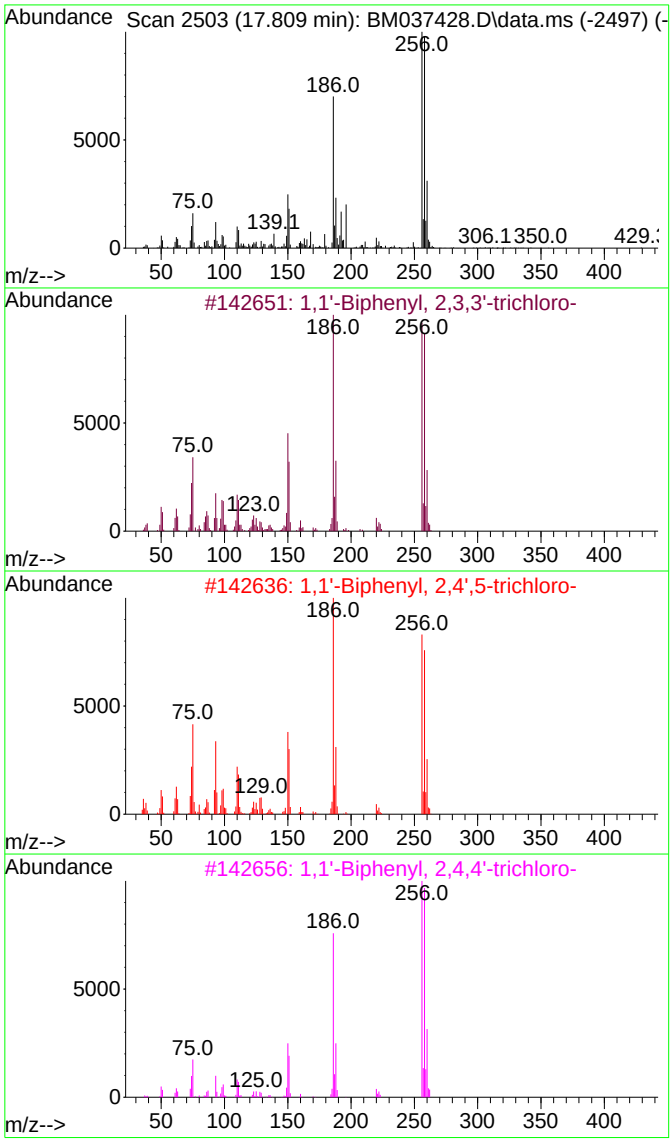
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

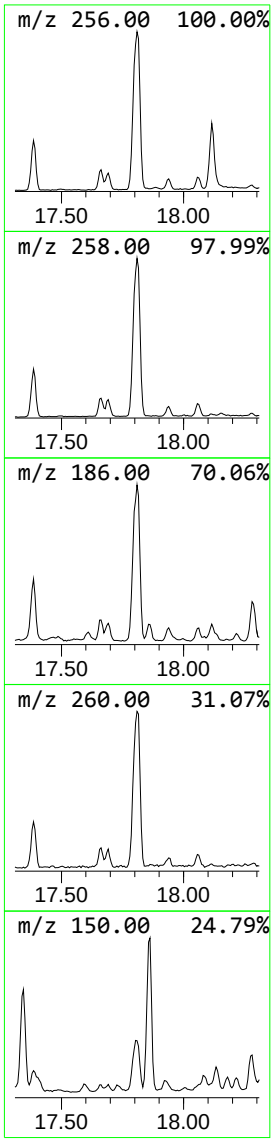
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,1'-Biphenyl, 2,3,3'-trich... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.809	12.43 ng	2148870	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
2	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
4	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	98
5	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	98





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Operator : CG/JU
Sample : N5436-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-02

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

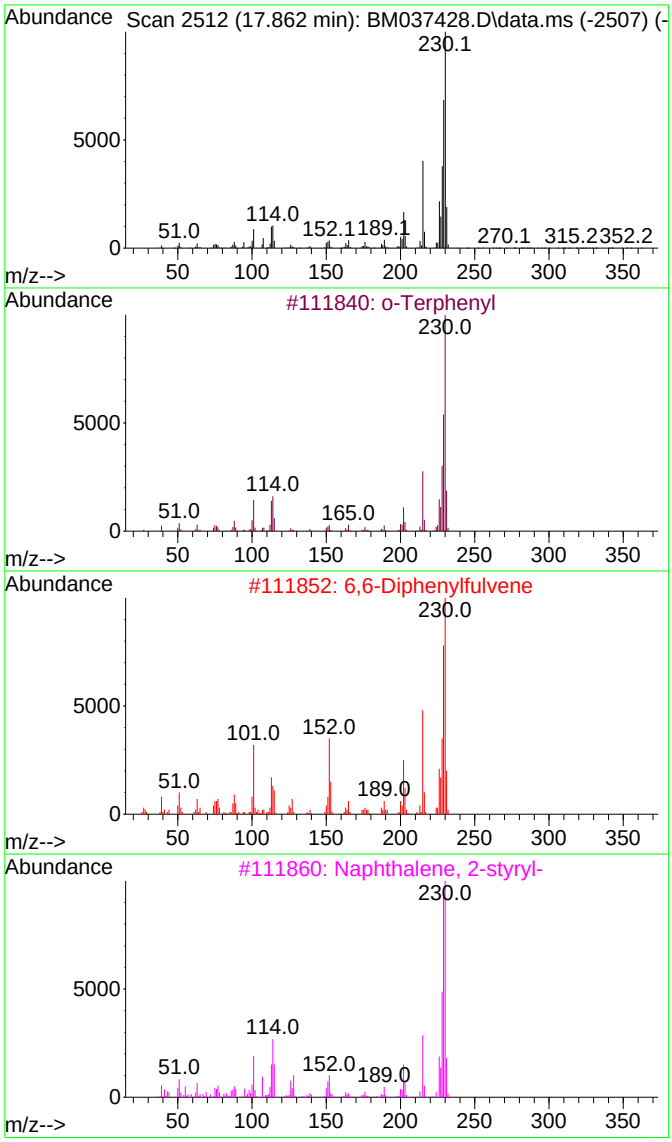
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

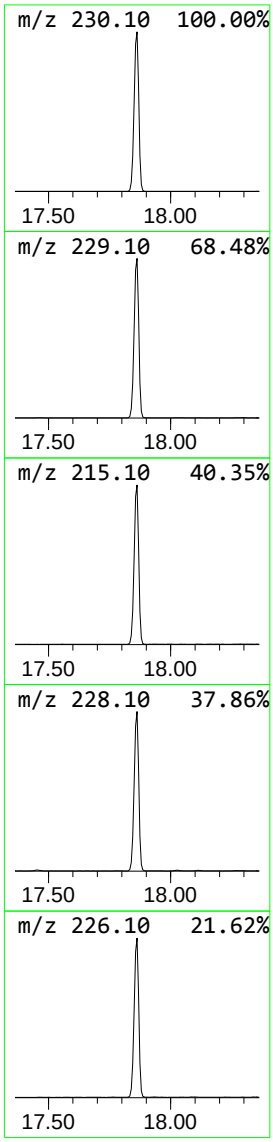
****

Peak Number 5 o-Terphenyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.862	139.19 ng	24055600	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Terphenyl	230	C18H14	000084-15-1	97
2	6,6-Diphenylfulvene	230	C18H14	002175-90-8	90
3	Naphthalene, 2-styryl-	230	C18H14	002039-70-5	89
4	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	83
5	5,6-Dihydrochrysene	230	C18H14	002091-92-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037428.D
Acq On : 08 Nov 2022 14:42
Operator : CG/JU
Sample : N5436-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-02

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

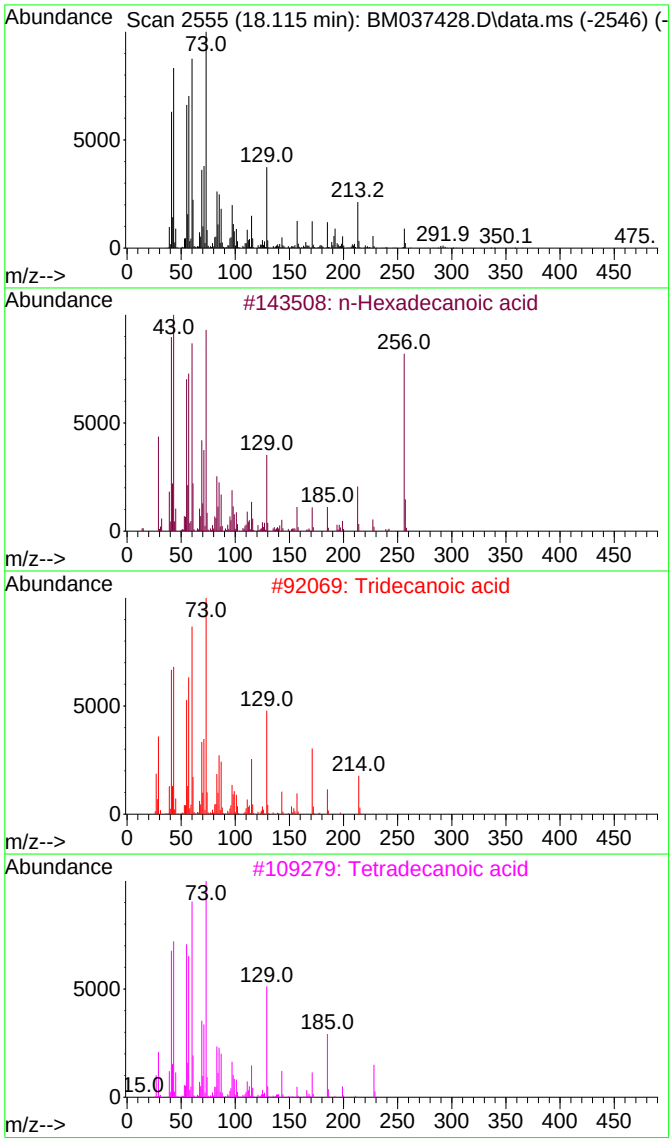
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

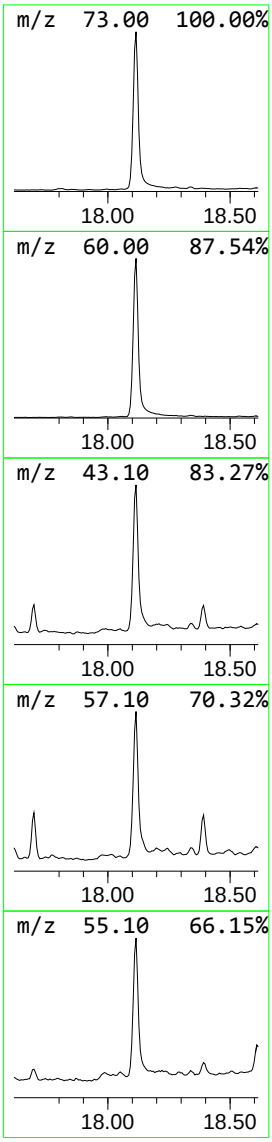
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.115	69.64 ng	12035900	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	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





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Data File : BM037428.D
Acq On : 08 Nov 2022 14:42
Operator : CG/JU
Sample : N5436-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-02

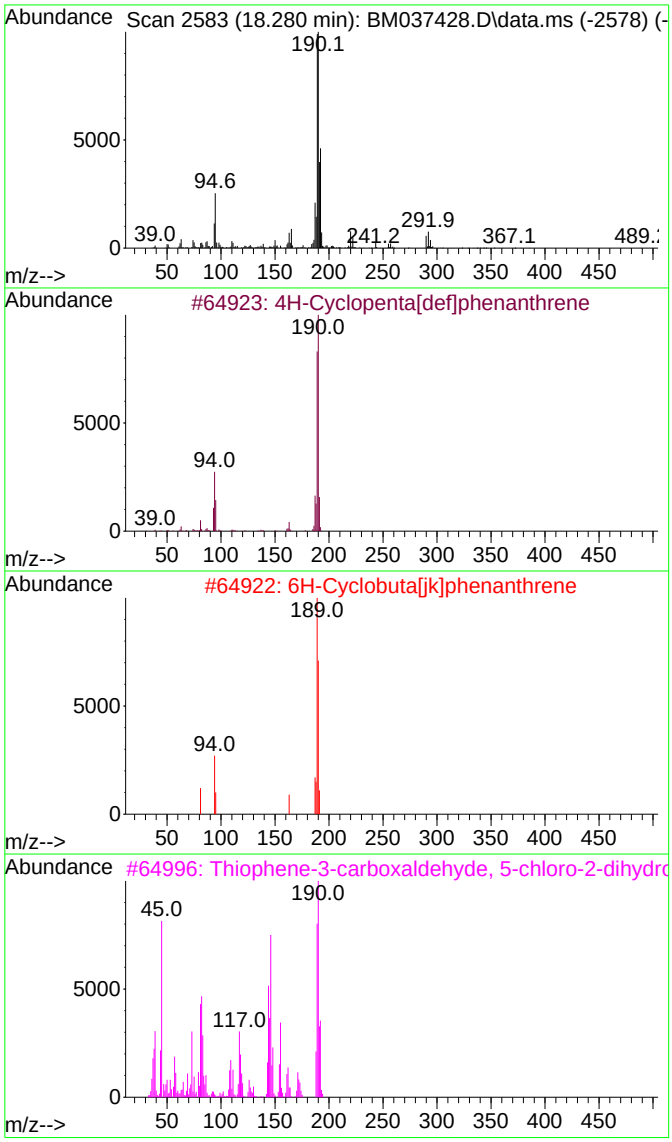
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

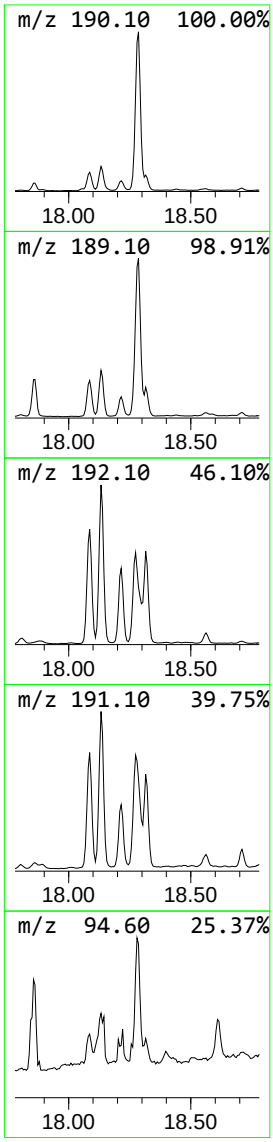
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	30.11 ng	5204630	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	25





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Operator : CG/JU
Sample : N5436-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-02

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

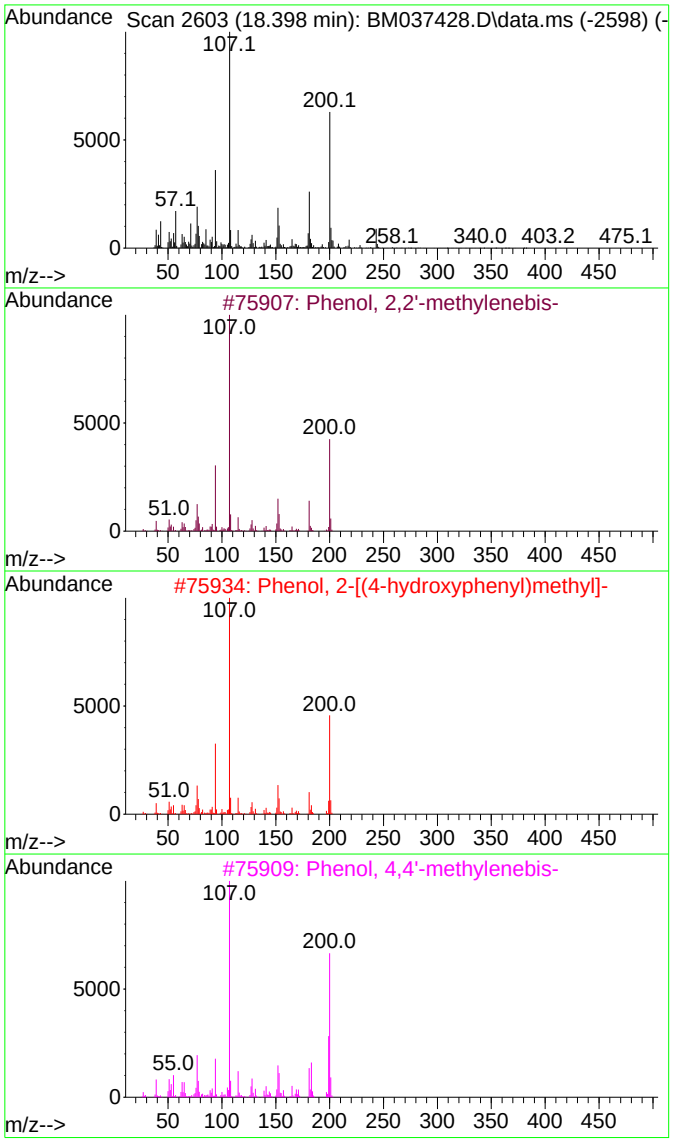
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

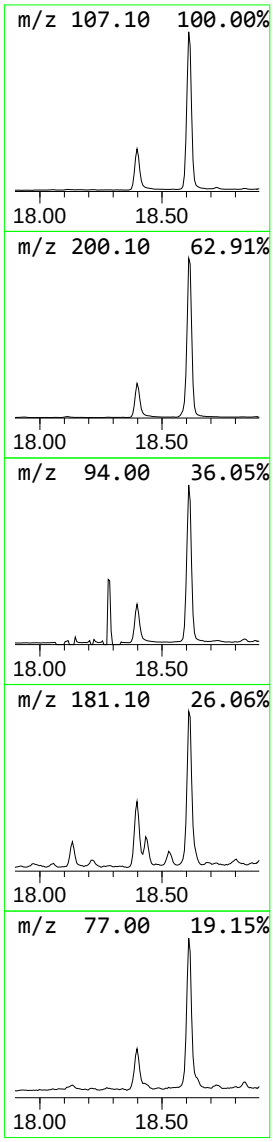
****

Peak Number 8 Phenol, 2,2'-methylenebis- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.398	19.44 ng	3359680	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	Phenol, 4,4'-methylenebis-	200	C13H12O2	000620-92-8	72
4	Benzeneacetic acid, 4-hydroxy-	152	C8H8O3	000156-38-7	43
5	4-(2-Methoxyethyl)phenol	152	C9H12O2	056718-71-9	43





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Sample : N5436-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-02

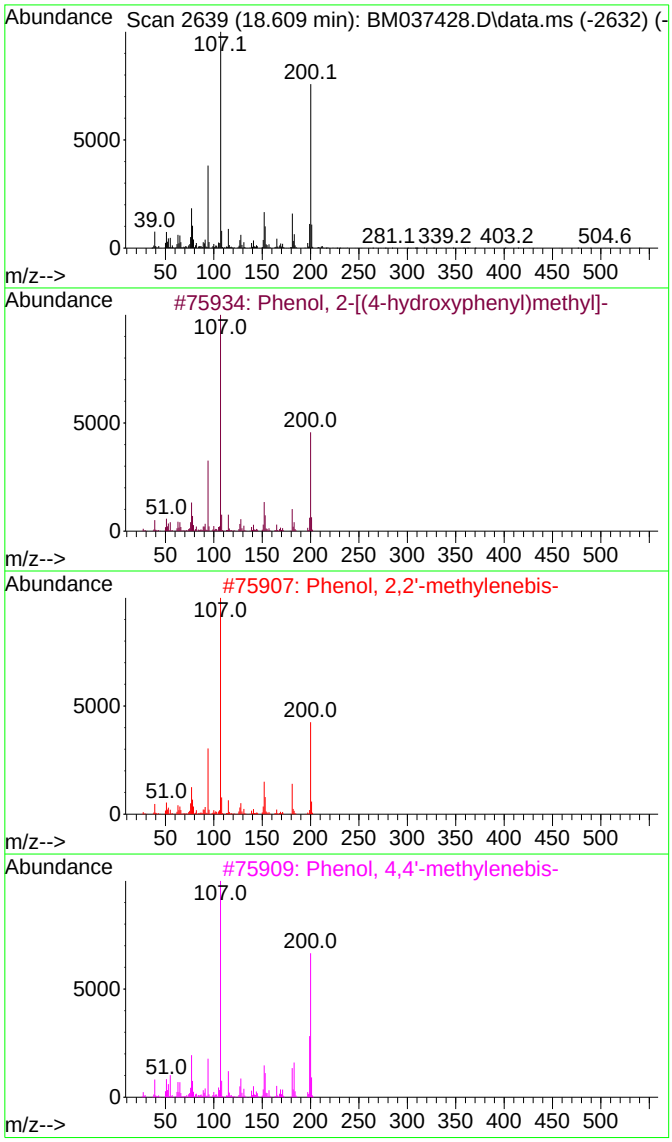
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

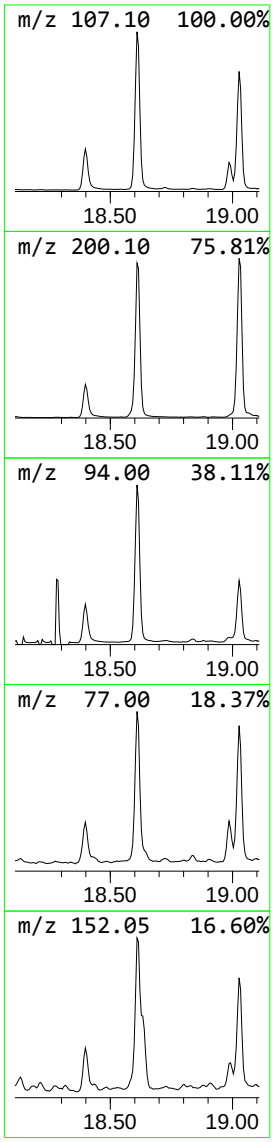
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.609	74.71 ng	12912200	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	94
3	Phenol, 4,4'-methylenebis-	200	C13H12O2	000620-92-8	80
4	Phosphine, methyldiphenyl-	200	C13H13P	001486-28-8	49
5	1,3-Benzenediol, 4-(phenylmethyl)-	200	C13H12O2	002284-30-2	38





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Sample : N5436-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-02

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

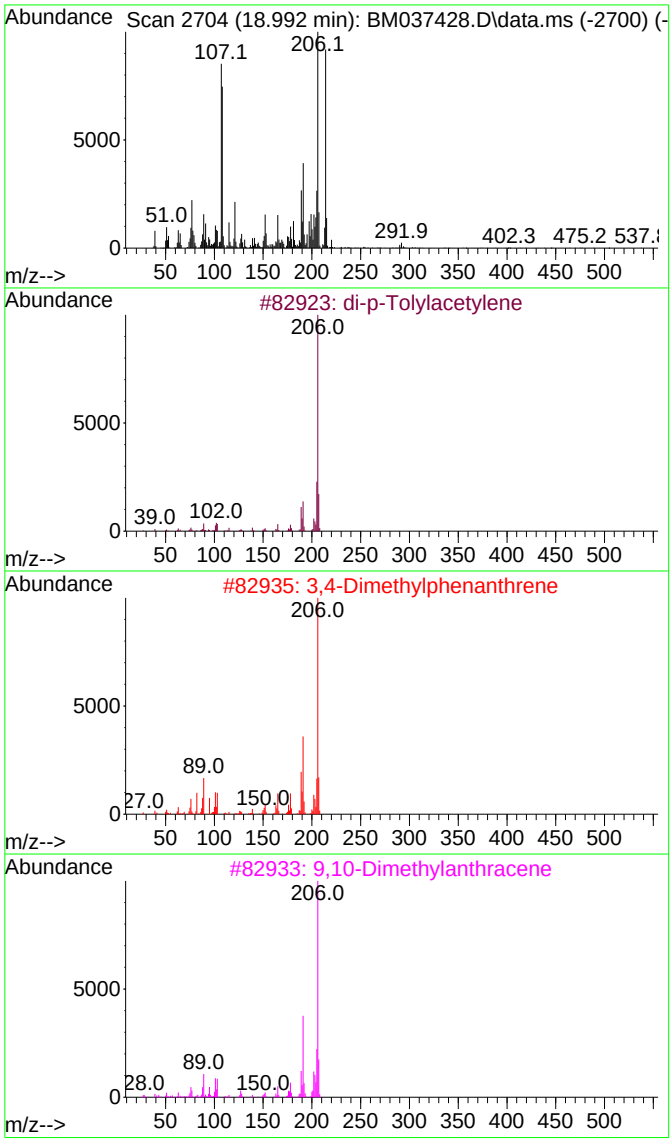
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

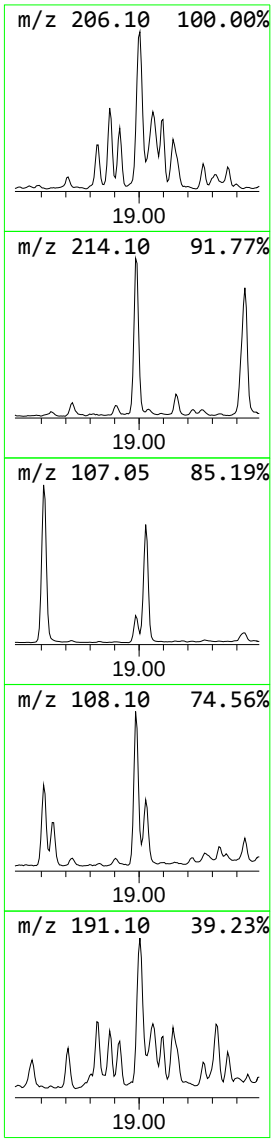
****

Peak Number 10 di-p-Tolylacetylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	19.37 ng	3347700	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	74
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	60
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	52





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Sample : N5436-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-02

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

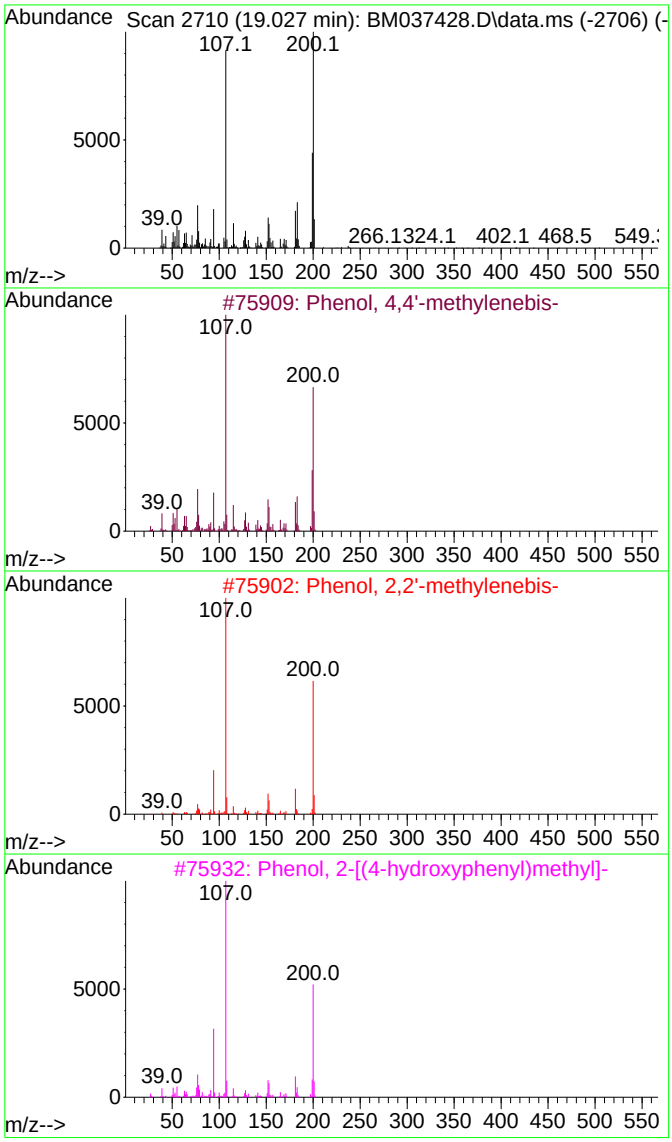
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

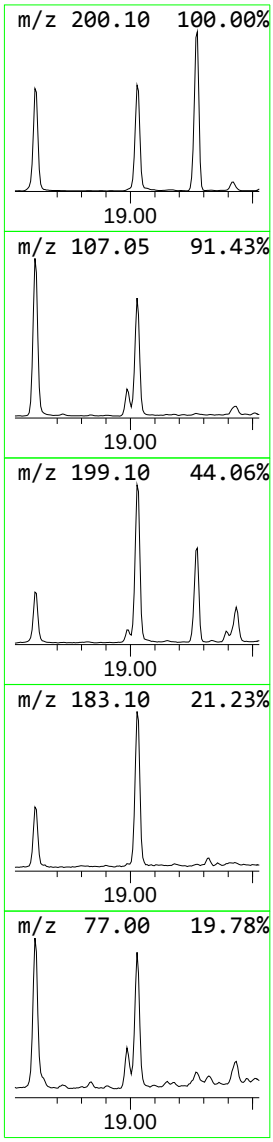
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.027	60.18 ng	10401300	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, 2,2'-methylenebis-	200	C13H12O2	002467-02-9	81
3	Phenol, 2-[(4-hydroxyphenyl)meth...	200	C13H12O2	002467-03-0	76
4	1,3-Benzenediol, 4-(phenylmethyl)-	200	C13H12O2	002284-30-2	64
5	4-Phenoxybenzylalcohol	200	C13H12O2	1000433-81-4	46





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Sample : N5436-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-02

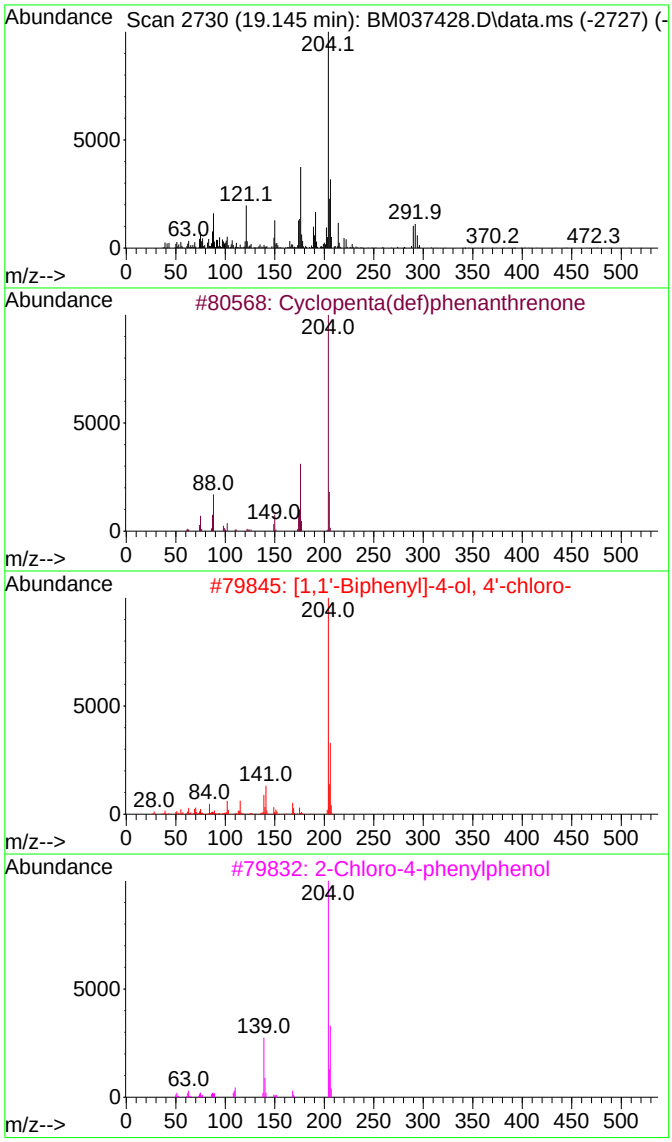
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

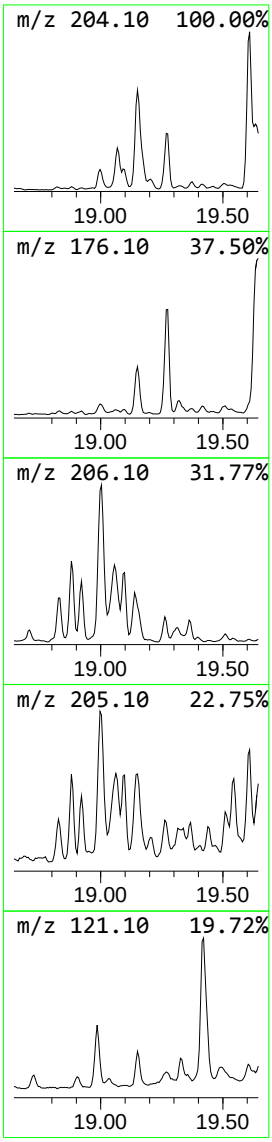
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.145	14.26 ng	2465080	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	47
3	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	47
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
5	Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	43





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Acq On : 08 Nov 2022 14:42
Operator : CG/JU
Sample : N5436-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-02

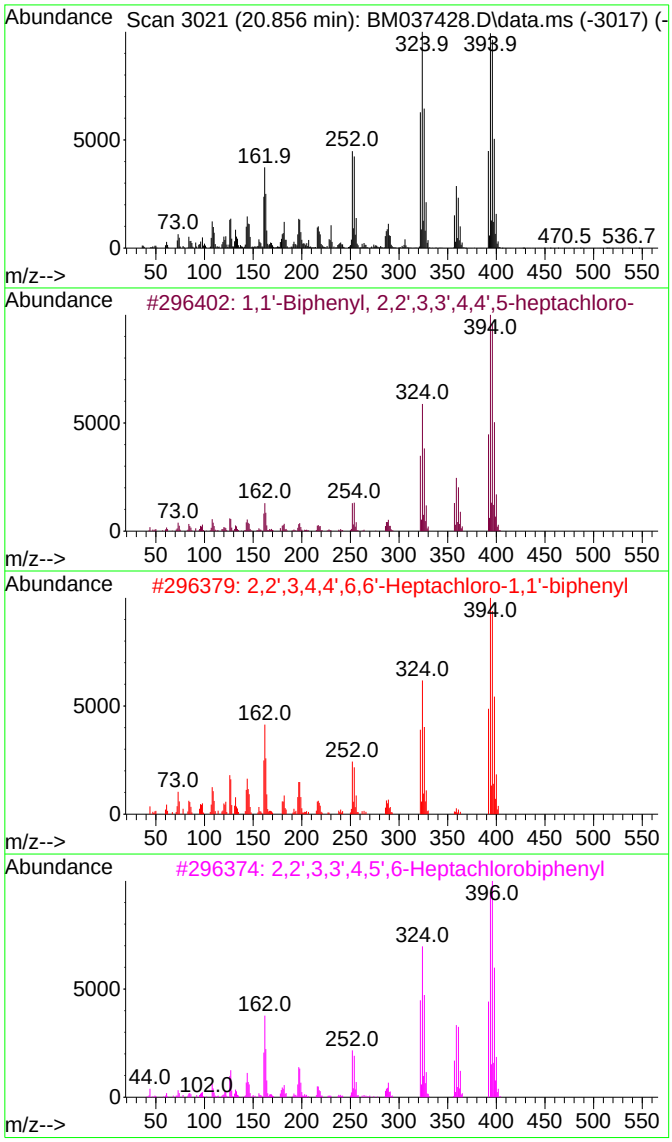
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

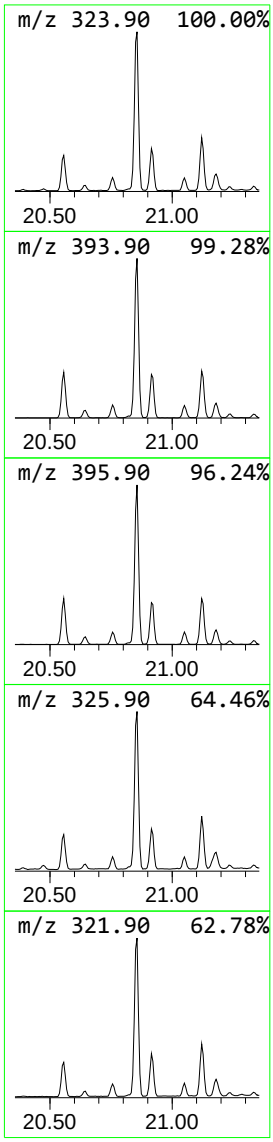
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.856	14.49 ng	10238500	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
2	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	99
3	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
4	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99





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Sample : N5436-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-02

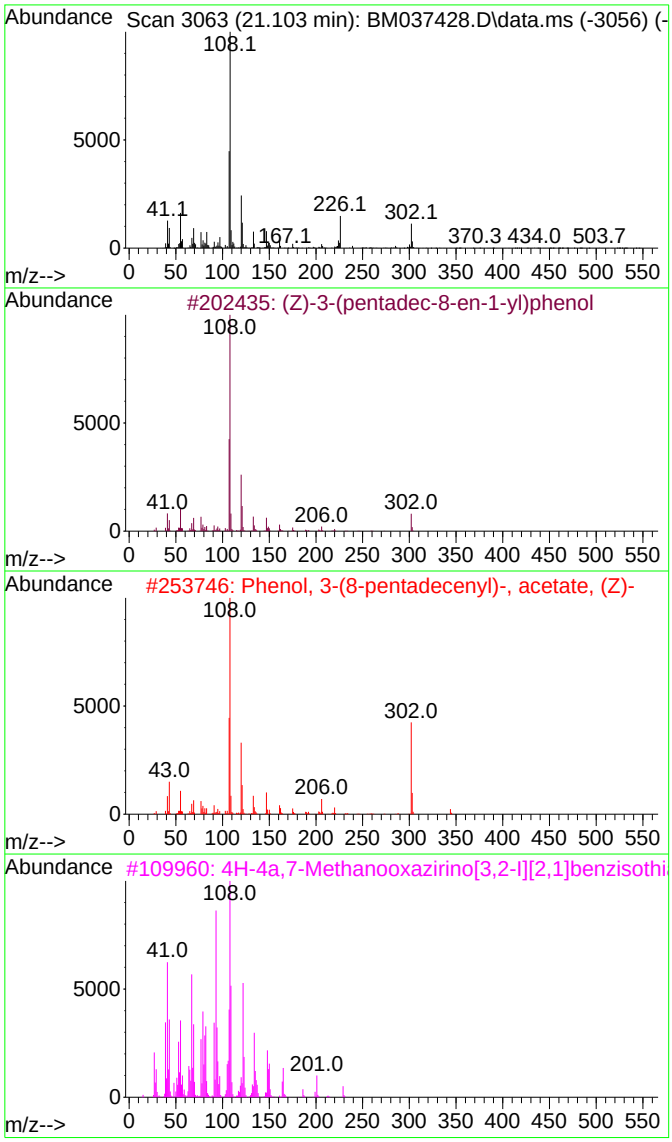
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

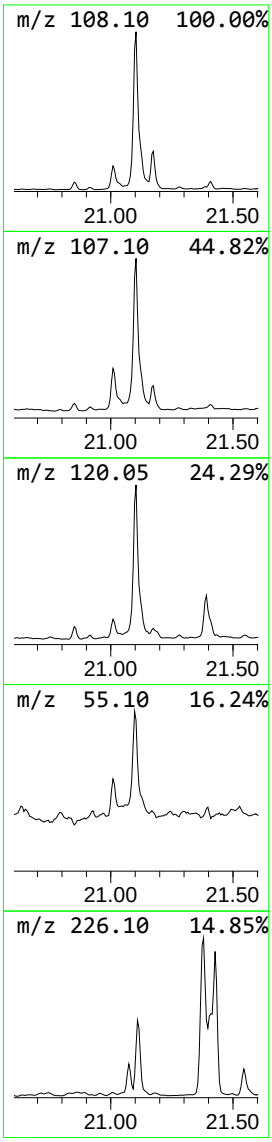
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (Z)-3-(pentadec-8-en-1-yl)p... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.103	17.66 ng	12479900	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-3-(pentadec-8-en-1-yl)phenol	302	C21H34O	000501-26-8	98
2	Phenol, 3-(8-pentadecenyl)-, ace...	344	C23H36O2	111047-34-8	64
3	4H-4a,7-Methanooxazirino[3,2-I][...	229	C10H15NO3S	104322-63-6	50
4	Phenol, 3-undecyl-	248	C17H28O	020056-72-8	47
5	m-Cresyl acetate	150	C9H10O2	000122-46-3	46





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Operator : CG/JU
Sample : N5436-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-02

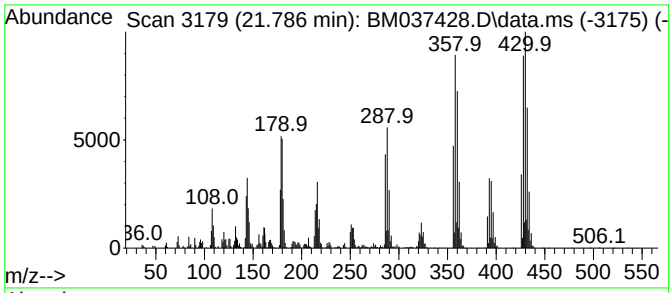
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

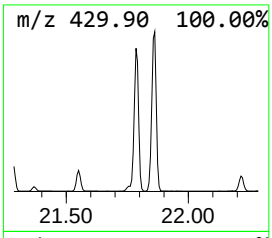
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

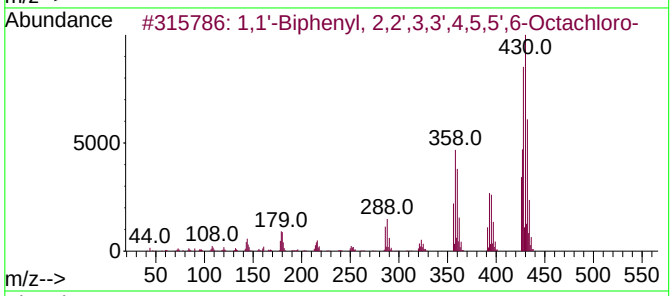
****
Peak Number 15 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 11

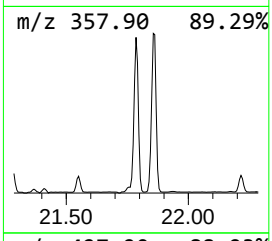
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.786	19.90 ng	14056000	Chrysene-d12	21.392

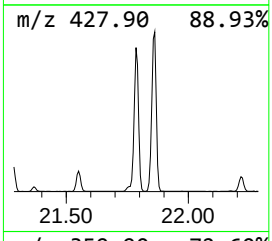
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	068194-17-2	99
2	1,1'-Biphenyl, 2,2',3,3',4,5,6,6...	426	C12H2Cl8	052663-73-7	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99
5	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	99

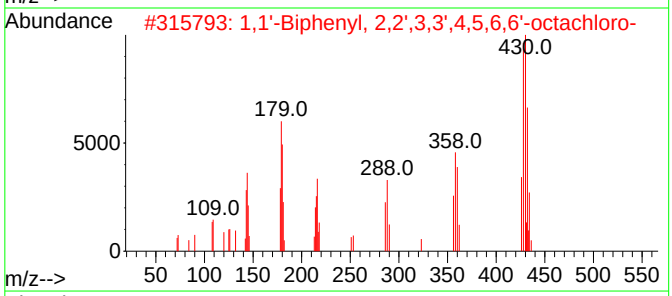


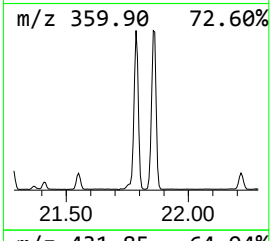


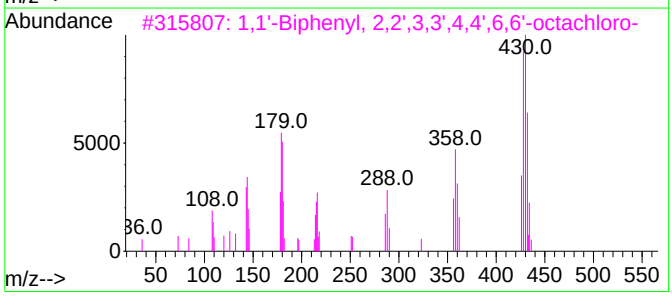


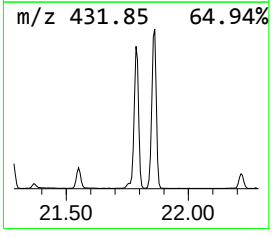












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Data File : BM037428.D
Acq On : 08 Nov 2022 14:42
Operator : CG/JU
Sample : N5436-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-02

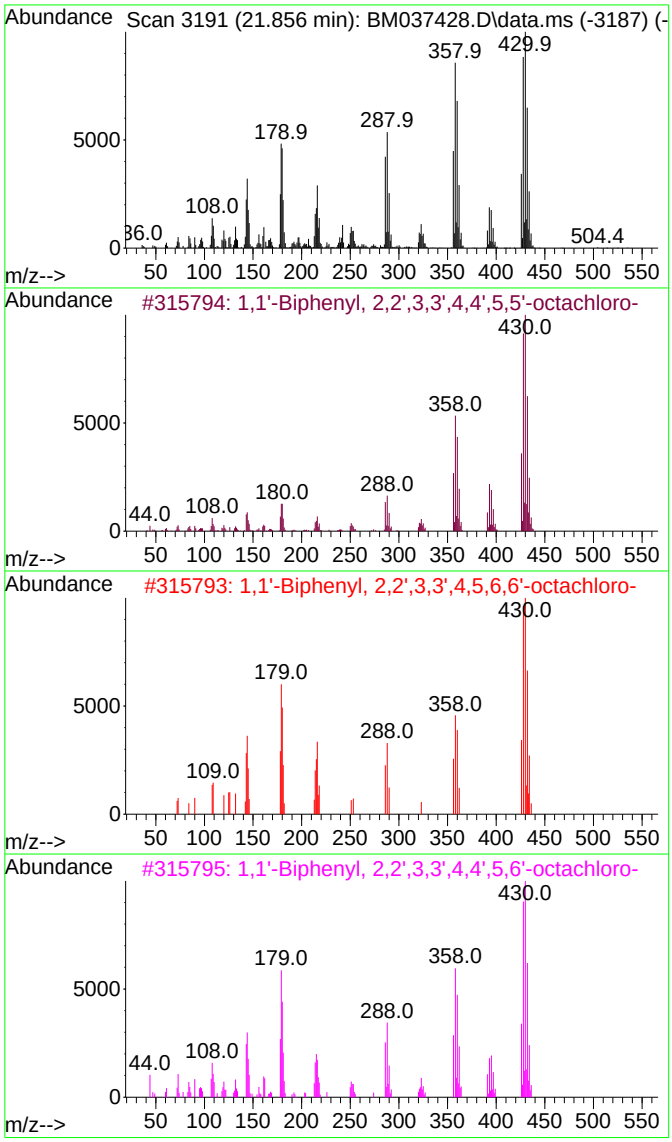
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

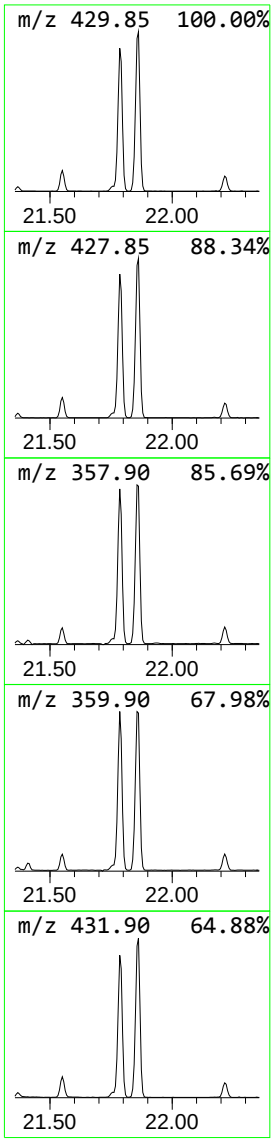
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.856	20.64 ng	14580300	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99
2	1,1'-Biphenyl, 2,2',3,3',4,5,6,6...	426	C12H2Cl8	052663-73-7	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	042740-50-1	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	99
5	2,2',3,4,4',5,5',6-Octachloro-1,...	426	C12H2Cl8	052663-76-0	99





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Data File : BM037428.D
Acq On : 08 Nov 2022 14:42
Operator : CG/JU
Sample : N5436-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-02

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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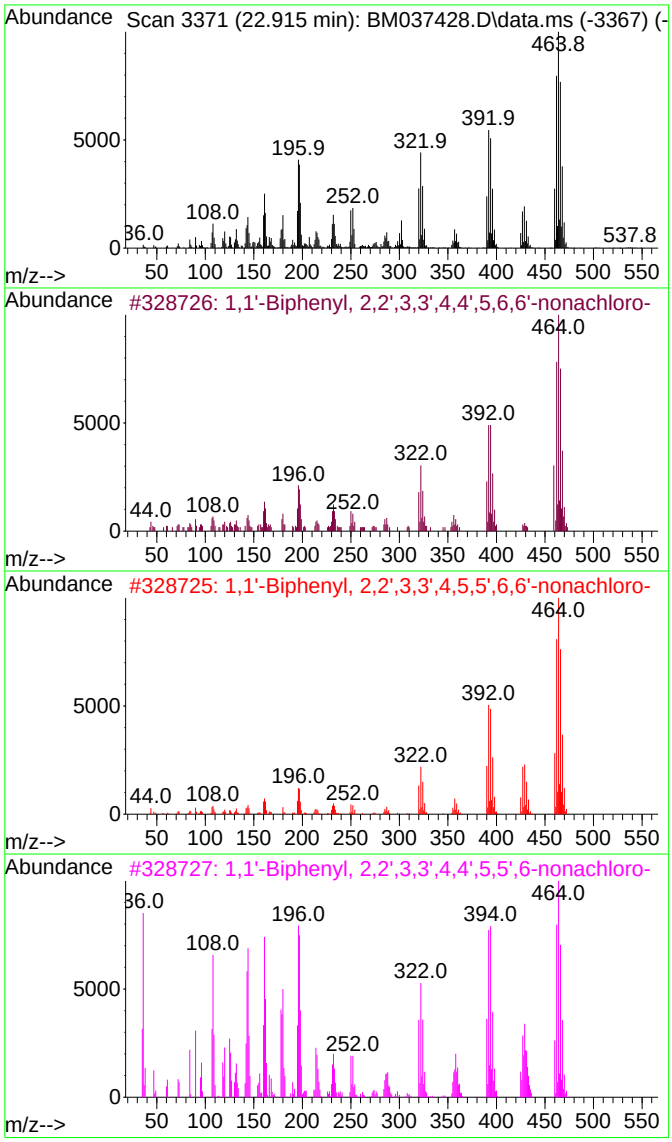
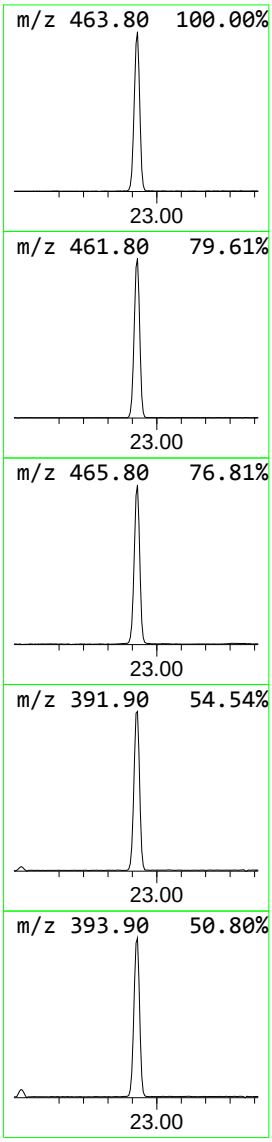
Peak Number 17 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.915	25.94 ng	12041100	Perylene-d12	23.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	460	C12HCl9	052663-79-3	99
2	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	460	C12HCl9	052663-77-1	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	460	C12HCl9	040186-72-9	60
4	Pentacene, 5,6,7:12,13,14-hexathio-	464	C22H8S6	038037-63-7	9
5	Cholestane, 3,3-ethylenedithio-	462	C29H50S2	1000128-33-3	9





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Operator : CG/JU
Sample : N5436-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-02

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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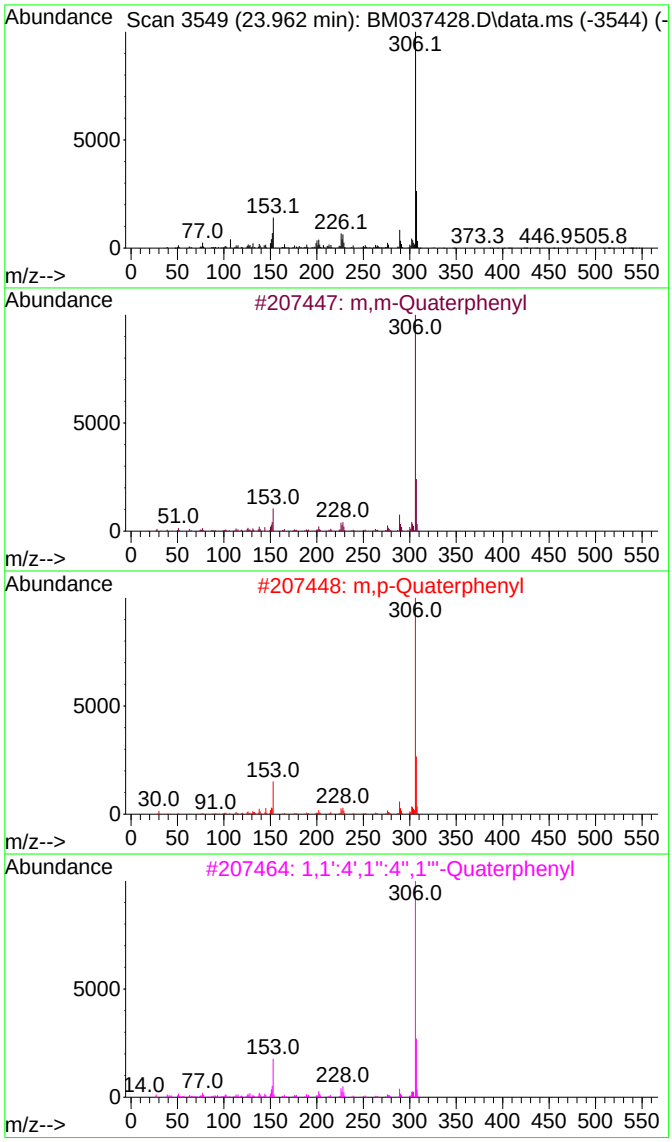
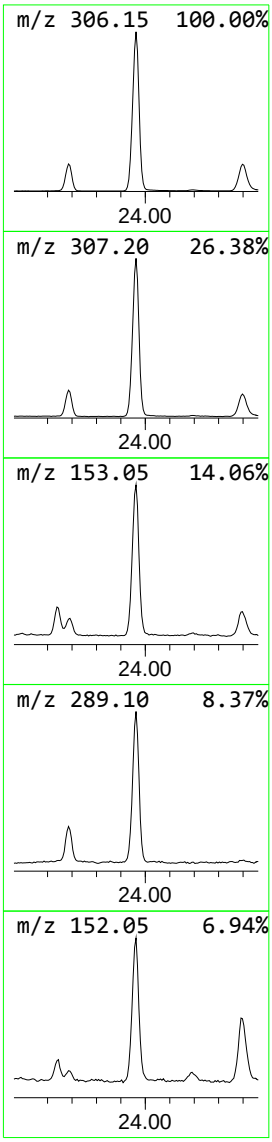
Peak Number 18 m,m-Quaterphenyl Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.962	18.23 ng	8462020	Perylene-d12	23.733

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	93
5	1,1':2',1'':3'',1'''-Quaterphenyl	306	C24H18	001165-57-7	64





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Data File : BM037428.D
Acq On : 08 Nov 2022 14:42
Operator : CG/JU
Sample : N5436-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-02

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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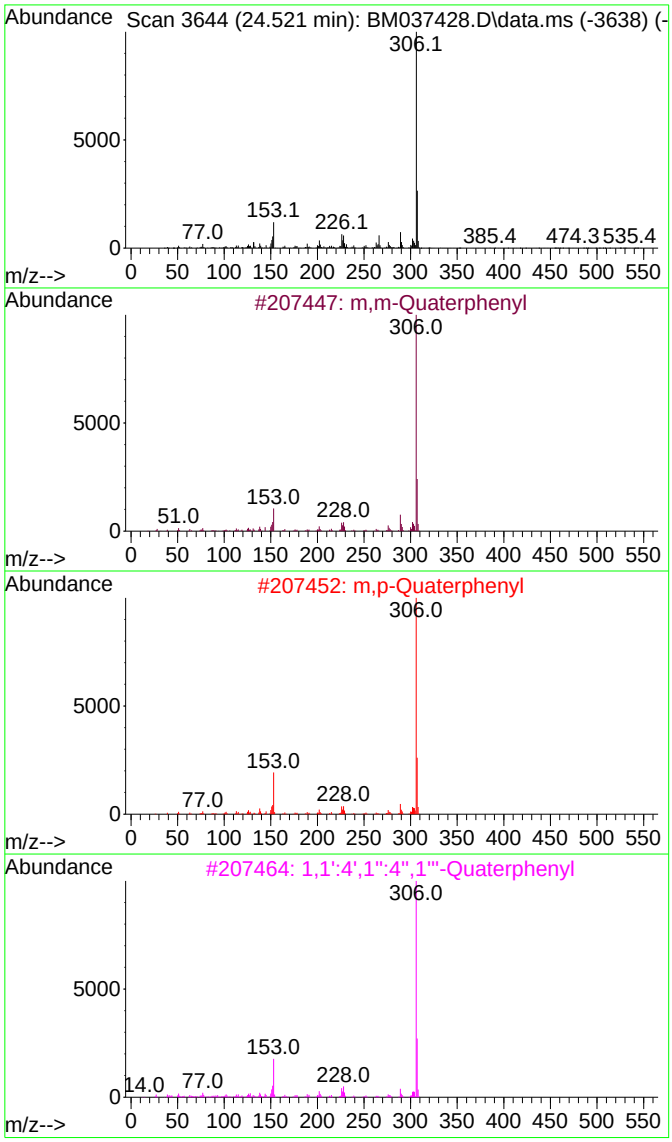
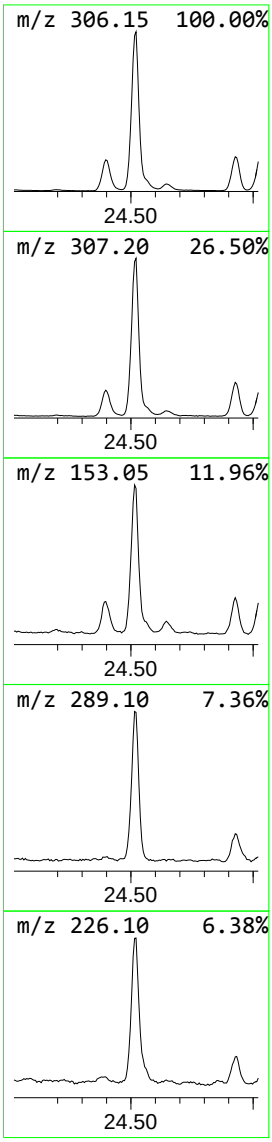
Peak Number 19 m,p-Quaterphenyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.521	22.34 ng	10369500	Perylene-d12	23.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m,m-Quaterphenyl	306	C24H18	001166-18-3	98
2	m,p-Quaterphenyl	306	C24H18	001166-19-4	97
3	1,1':4',1'':4'',1'''-Quaterphenyl	306	C24H18	000135-70-6	95
4	1,1':3',1''-Terphenyl, 5'-phenyl-	306	C24H18	000612-71-5	94
5	phenol, 4-[[4-[(4-methoxyphenyl)...	306	C19H18N2O2	1000397-62-8	72





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Data File : BM037428.D
Acq On : 08 Nov 2022 14:42
Operator : CG/JU
Sample : N5436-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-02

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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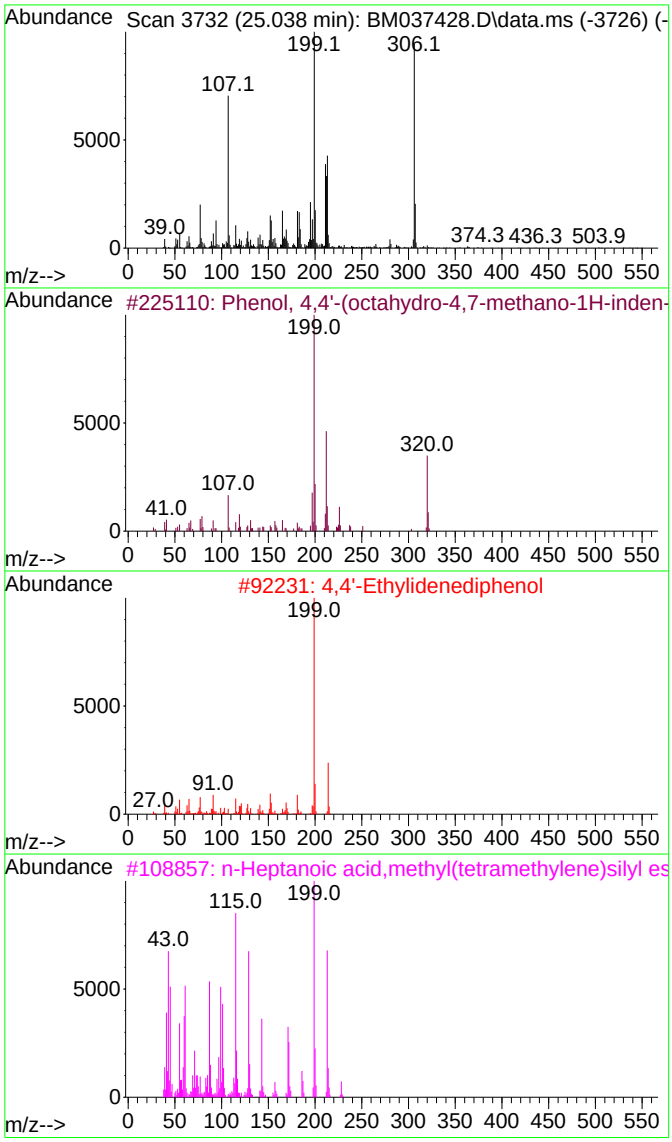
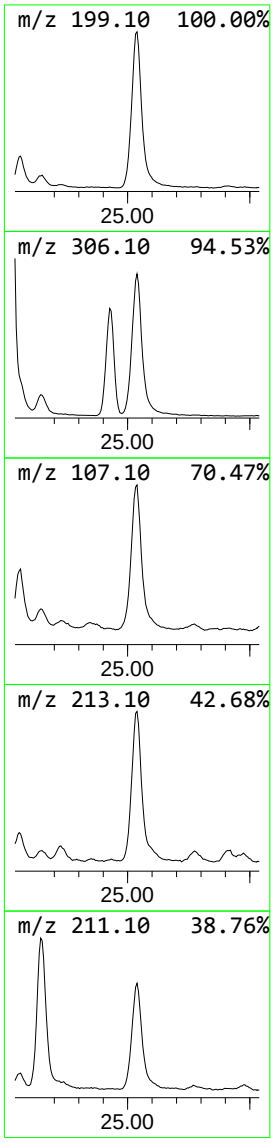
Peak Number 20 unknown25.038 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.038	15.22 ng	7067570	Perylene-d12	23.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(octahydro-4,7-meth...	320	C22H24O2	001943-97-1	42
2	4,4'-Ethylidenediphenol	214	C14H14O2	002081-08-5	25
3	n-Heptanoic acid,methyl(tetramet...	228	C12H24O2Si	1000217-03-6	22
4	1,1':3',1''-Terphenyl, 5'-phenyl-	306	C24H18	000612-71-5	20
5	1,1':4',1'':4'',1'''-Quaterphenyl	306	C24H18	000135-70-6	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037428.D
Acq On : 08 Nov 2022 14:42
Operator : CG/JU
Sample : N5436-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-02

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	24.5	ng	2228060	1	7.828	1817310	20.0
Phenol, 4-ethyl-	10.063	26.6	ng	3776180	2	10.628	2836120	20.0
unknown16.186	16.186	14.3	ng	2463800	4	17.209	3456530	20.0
1,1'-Biphenyl, ...	17.809	12.4	ng	2148870	4	17.209	3456530	20.0
o-Terphenyl	17.862	139.2	ng	24055600	4	17.209	3456530	20.0
n-Hexadecanoic ...	18.115	69.6	ng	12035900	4	17.209	3456530	20.0
4H-Cyclopenta[d...	18.280	30.1	ng	5204630	4	17.209	3456530	20.0
Phenol, 2,2'-me...	18.398	19.4	ng	3359680	4	17.209	3456530	20.0
Phenol, 2-[(4-h...	18.609	74.7	ng	12912200	4	17.209	3456530	20.0
di-p-Tolylacety...	18.992	19.4	ng	3347700	4	17.209	3456530	20.0
Phenol, 4,4'-me...	19.027	60.2	ng	10401300	4	17.209	3456530	20.0
Cyclopenta(def)...	19.145	14.3	ng	2465080	4	17.209	3456530	20.0
1,1'-Biphenyl, ...	20.856	14.5	ng	10238500	5	21.392	14129900	20.0
(Z)-3-(pentadec...	21.103	17.7	ng	12479900	5	21.392	14129900	20.0
1,1'-Biphenyl, ...	21.786	19.9	ng	14056000	5	21.392	14129900	20.0
1,1'-Biphenyl, ...	21.856	20.6	ng	14580300	5	21.392	14129900	20.0
1,1'-Biphenyl, ...	22.915	25.9	ng	12041100	6	23.733	9285140	20.0
m,m-Quaterphenyl	23.962	18.2	ng	8462020	6	23.733	9285140	20.0
m,p-Quaterphenyl	24.521	22.3	ng	10369500	6	23.733	9285140	20.0
unknown25.038	25.038	15.2	ng	7067570	6	23.733	9285140	20.0