LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037436.D
Acq On : 09 Nov 2022 14:42
Operator : CG/JU
Sample : N5436-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-07

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: BM037436.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.934	308	314	321	rBV	1475578	1991640	2.55%	0.366%
2	5.399	386	393	398	rBV	3999013	5623327	7.20%	1.032%
3	5.446	398	401	414	rVB	431365	850877	1.09%	0.156%
4	7.010	661	667	677	rVB	3805007	6562891	8.41%	1.205%
5	7.822	800	805	813	rVB	1076571	1558170	2.00%	0.286%
6	8.604	928	938	955	rBV	1347529	2787347	3.57%	0.512%
7	8.992	997	1004	1009	rBV	2611073	4339831	5.56%	0.797%
8	9.810	1135	1143	1154	rBV	2895362	5325741	6.82%	0.978%
9	10.057	1175	1185	1193	rBV2	1304519	3042346	3.90%	0.558%
10	10.622	1276	1281	1285	rBV	1498750	2351511	3.01%	0.432%
11	10.675	1285	1290	1296	rVB	1569945	2566375	3.29%	0.471%
12	10.775	1302	1307	1320	rVB3	510886	1027728	1.32%	0.189%
13	11.457	1412	1423	1428	rBV2	731246	1374723	1.76%	0.252%
14	12.280	1558	1563	1575	rBV2	718134	1220854	1.56%	0.224%
15	12.875	1660	1664	1670	rVB	644966	978742	1.25%	0.180%
16	13.086	1694	1700	1707	rVB	7226627	9978733	12.78%	1.832%
17	13.298	1728	1736	1749	rBV3	519432	1133098	1.45%	0.208%
18	13.933	1837	1844	1848	rBV6	300084	792307	1.02%	0.145%
19	14.186	1881	1887	1895	rBV	954253	1478138	1.89%	0.271%
20	14.463	1926	1934	1939	rVB	2539110	3786176	4.85%	0.695%
21	14.521	1939	1944	1952	rBV	1256888	1971858	2.53%	0.362%
22	14.857	1996	2001	2005	rBV	896790	1389737	1.78%	0.255%
23	15.510	2106	2112	2123	rVB	1502126	2358743	3.02%	0.433%
24	15.710	2142	2146	2151	rBV3	1125413	1598030	2.05%	0.293%
25	15.951	2178	2187	2193	rBV	5959858	8782374	11.25%	1.612%
26	16.180	2219	2226	2235	rBV5	697023	1833151	2.35%	0.337%
27	17.115	2382	2385	2391	rVV2	604795	863502	1.11%	0.159%
28	17.204	2395	2400	2404	rVV	2804840	4191204	5.37%	0.769%
29	17.251	2404	2408	2415	rVB	5331914	7641399	9.79%	1.403%
30	17.339	2418	2423	2427	rBV	1756848	2336152	2.99%	0.429%
31	17.386	2427	2431	2438	rVV5	495495	1063427	1.36%	0.195%
32	17.809	2497	2503	2506	rBV3	676320	1400727	1.79%	0.257%
33	17.857	2506	2511	2519	rVB	20973089	26305067	33.70%	4.829%
34	18.115	2546	2555	2564	rBV2	7636337	13545550	17.35%	2.486%
35	18.209	2568	2571	2577	rVB	655568	976918	1.25%	0.179%
36	18.274	2578	2582	2587	rBV3	1843833	3100271	3.97%	0.569%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037436.D
Acq On : 09 Nov 2022 14:42
Operator : CG/JU
Sample : N5436-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-07

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	18.398	2597	2603	2607	rBV2	2272693	3743025	4.80%	0.687%
38	18.609	2631	2639	2643	rBV2	8576565	11997888	15.37%	2.202%
39	18.986	2699	2703	2706	rBV2	2394457	3460404	4.43%	0.635%
40	19.027	2706	2710	2718	rVB	8827779	12126423	15.54%	2.226%
41	19.268	2745	2751	2755	rBV	14009609	20305364	26.01%	3.727%
42	19.315	2756	2759	2764	rVB	4339387	5533084	7.09%	1.016%
43	19.392	2768	2772	2775	rBV	5966187	7757309	9.94%	1.424%
44	19.639	2803	2814	2819	rBV3	35696132	78055317	100.00%	14.328%
45	19.833	2843	2847	2850	rBV	8511750	10844104	13.89%	1.991%
46	19.880	2850	2855	2859	rVB	32753326	49928892	63.97%	9.165%
47	20.127	2891	2897	2902	rVB3	2879242	5537584	7.09%	1.017%
48	20.227	2910	2914	2917	rBV	1797915	2347218	3.01%	0.431%
49	20.268	2918	2921	2927	rVV2	3576603	4835194	6.19%	0.888%
50	20.386	2938	2941	2944	rVB	2861584	3267447	4.19%	0.600%
51	20.550	2966	2969	2974	rBV3	3223252	4090672	5.24%	0.751%
52	20.850	3016	3020	3025	rBV2	8634152	10058674	12.89%	1.846%
53	20.915	3028	3031	3035	rVB3	2427256	2664126	3.41%	0.489%
54	21.009	3043	3047	3050	rBV	5167922	6935184	8.88%	1.273%
55	21.097	3056	3062	3071	rVB4	9516956	22216875	28.46%	4.078%
56	21.186	3072	3077	3083	rVB3	3393853	6124734	7.85%	1.124%
57	21.280	3090	3093	3099	rBV2	1580770	2163849	2.77%	0.397%
58	21.409	3105	3115	3124	rVB3	13033508	33199994	42.53%	6.094%
59	21.786	3175	3179	3186	rVB	11019277	14894602	19.08%	2.734%
60	21.856	3187	3191	3194	rBV	11211669	15234005	19.52%	2.796%
61	22.444	3287	3291	3298	rBV2	6256432	8966259	11.49%	1.646%
62	22.915	3367	3371	3377	rVB	7647840	11919927	15.27%	2.188%
63	23.633	3489	3493	3498	rBV	2832421	4867950	6.24%	0.894%
64	23.962	3544	3549	3557	rVB	6125603	11115146	14.24%	2.040%
65	24.403	3619	3624	3631	rVB	3093892	6298619	8.07%	1.156%
66	24.521	3639	3644	3660	rVB	4843266	12743643	16.33%	2.339%
67	25.044	3727	3733	3750	rVB	4713376	13402621	17.17%	2.460%

Sum of corrected areas: 544764798

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Acq On : 09 Nov 2022 14:42
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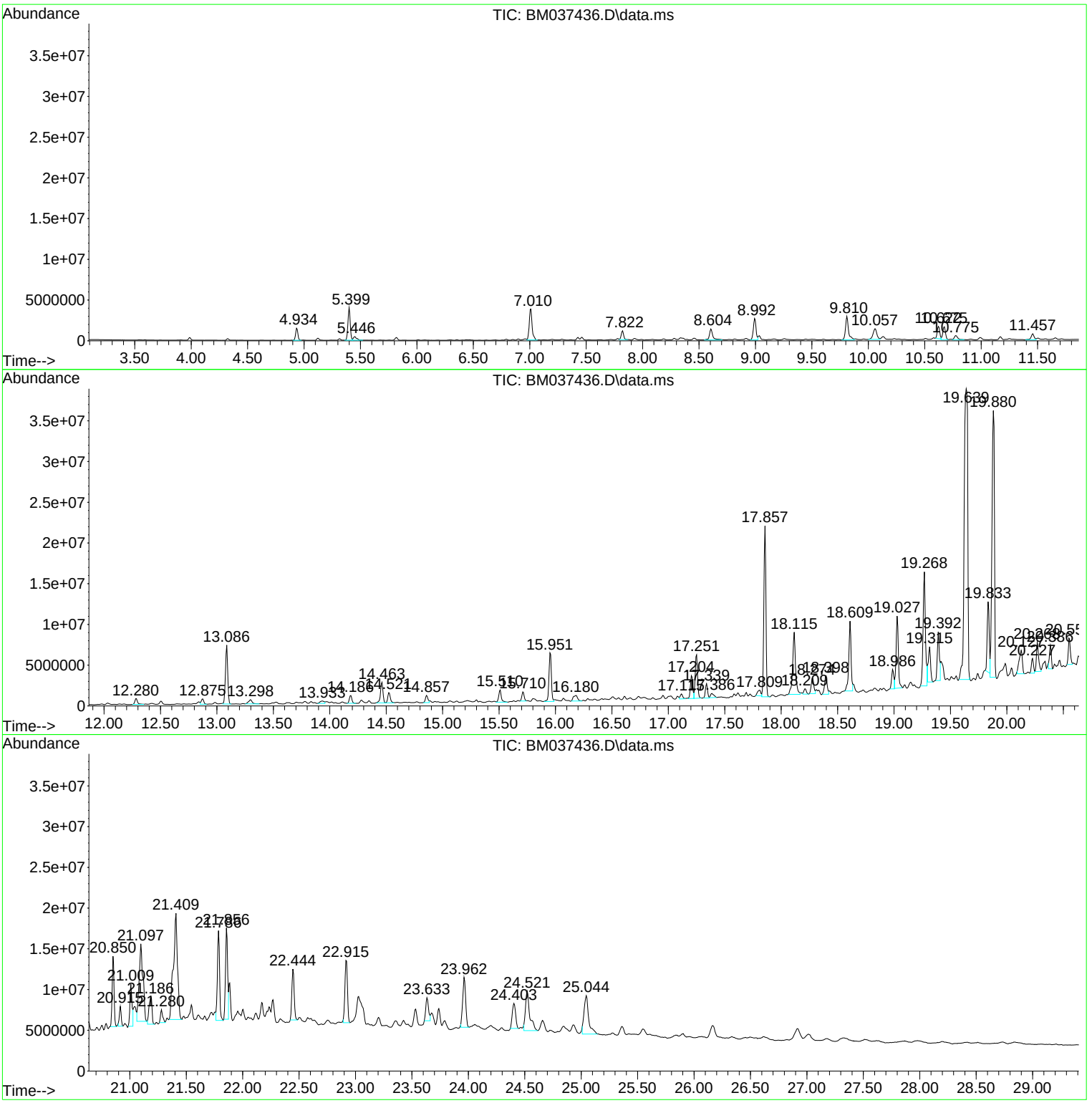
Sample : N5436-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-07

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\BM110922\
Data File : BM037436.D
Acq On : 09 Nov 2022 14:42
Operator : CG/JU
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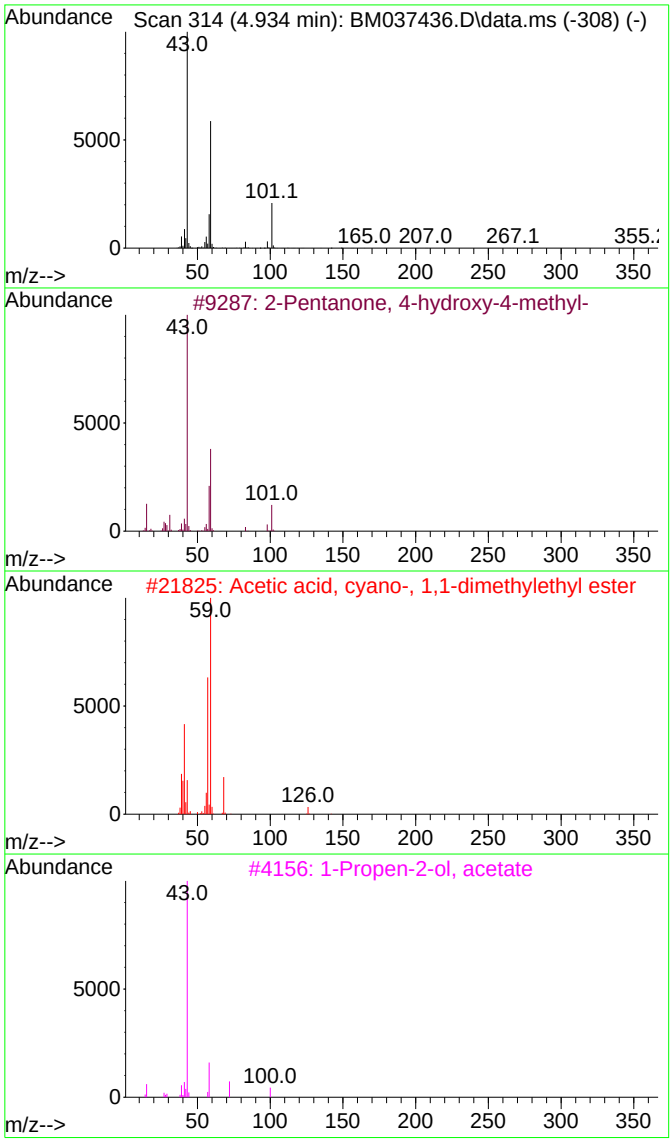
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

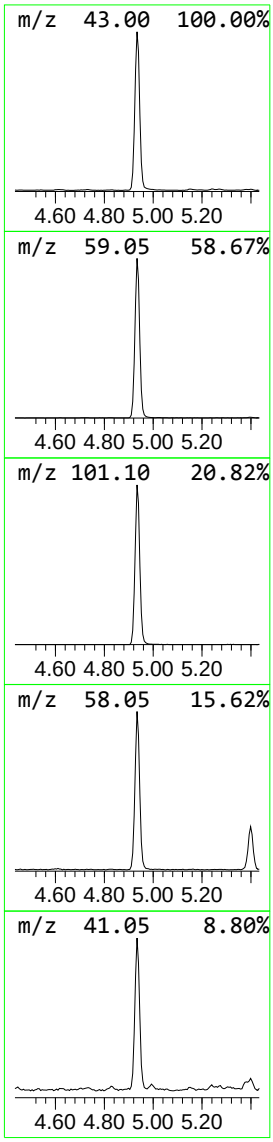
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.934	25.56 ng	1991640	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
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	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037436.D
Acq On : 09 Nov 2022 14:42
Operator : CG/JU
Sample : N5436-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-07

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

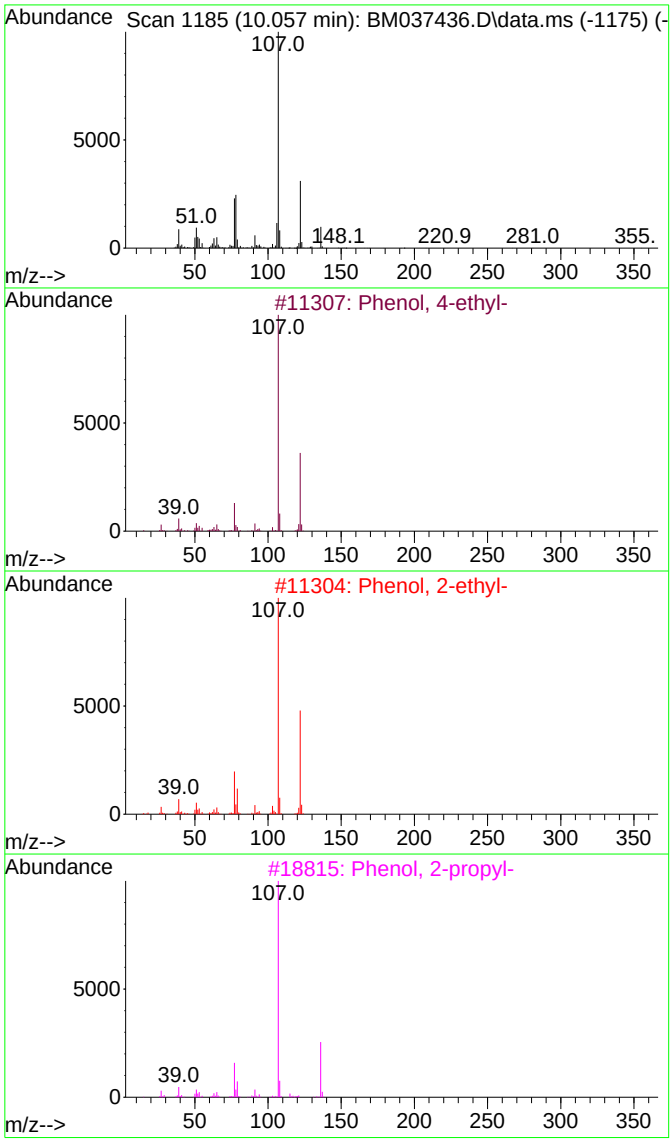
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

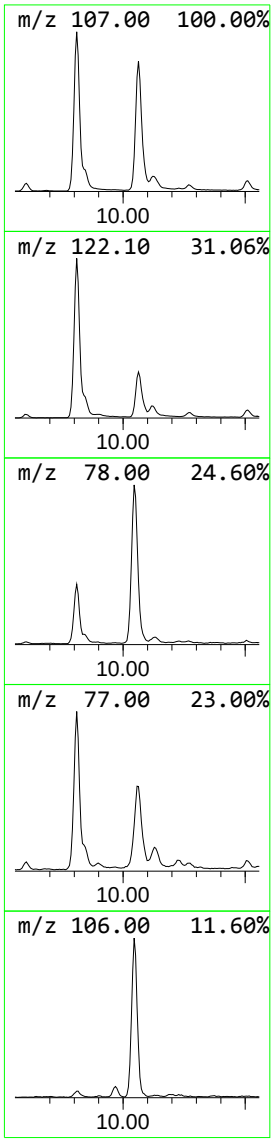
****

Peak Number 2 Phenol, 4-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.057	25.88 ng	3042350	Naphthalene-d8	10.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	81
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	72
3	Phenol, 2-propyl-	136	C9H12O	000644-35-9	70
4	Benzenemethanol, .alpha.-ethyl-	136	C9H12O	000093-54-9	58
5	Phenol, 4-propyl-	136	C9H12O	000645-56-7	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037436.D
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Operator : CG/JU
Sample : N5436-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-07

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

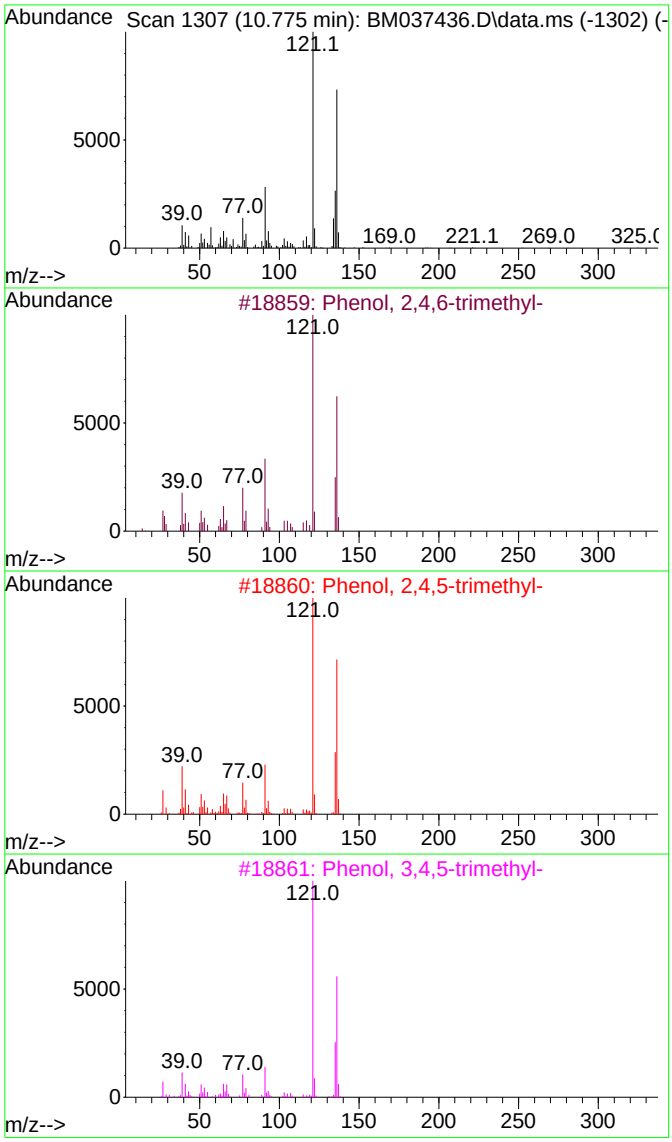
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

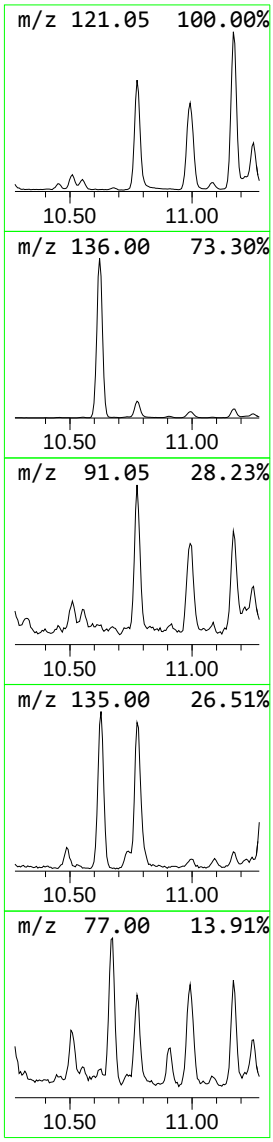
****

Peak Number 3 Phenol, 2,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.775	8.74 ng	1027730	Naphthalene-d8	10.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	95
2	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	93
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	91
5	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037436.D
Acq On : 09 Nov 2022 14:42
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Sample : N5436-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-07

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

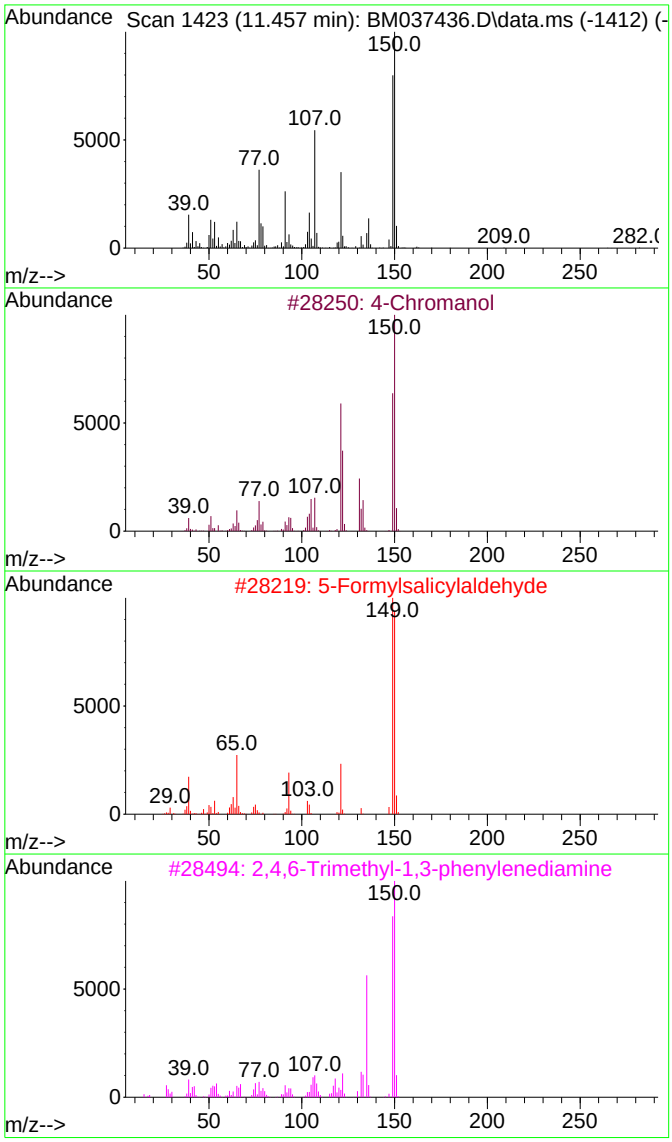
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

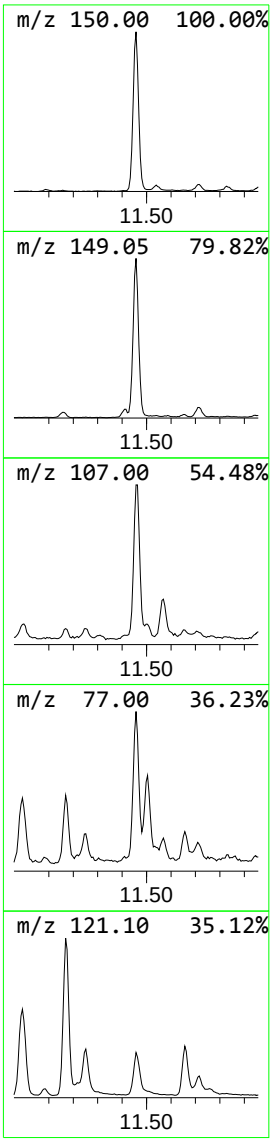
****

Peak Number 4 4-Chromanol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.457	11.69 ng	1374720	Naphthalene-d8	10.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chromanol	150	C9H10O2	001481-93-2	64
2	5-Formylsalicylaldehyde	150	C8H6O3	003328-70-9	52
3	2,4,6-Trimethyl-1,3-phenylenedia...	150	C9H14N2	003102-70-3	50
4	2-Carbamoyl-4,6-dimethylpyridine	150	C8H10N2O	072693-02-8	45
5	2H-1-Benzopyran-3-ol, 3,4-dihydro-	150	C9H10O2	021834-60-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037436.D
Acq On : 09 Nov 2022 14:42
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Sample : N5436-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-07

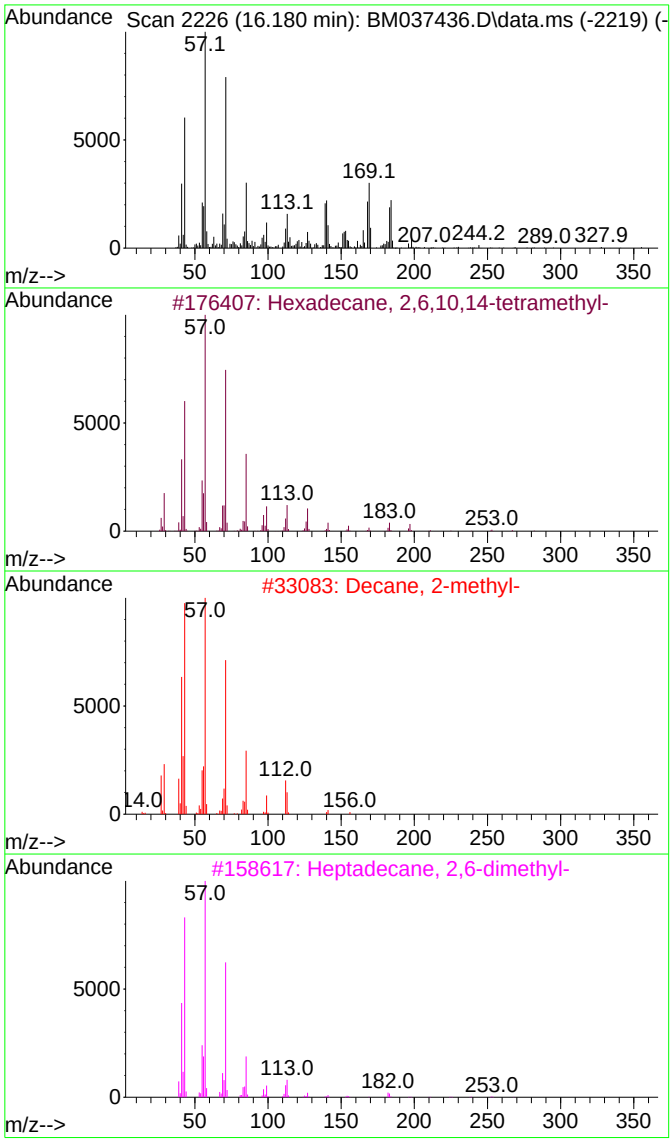
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

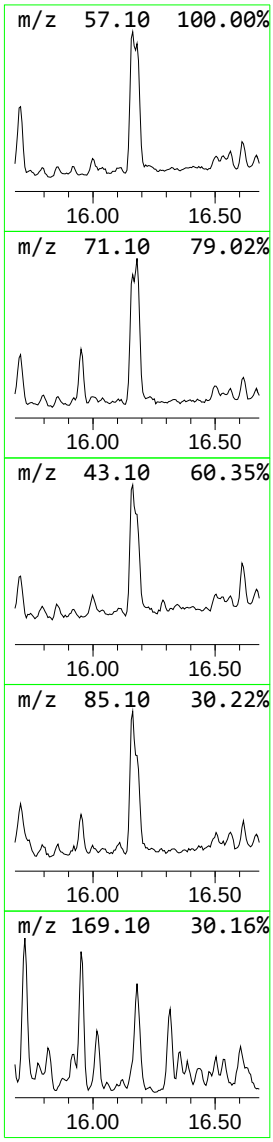
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexadecane, 2,6,10,14-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.180	8.75 ng	1833150	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	60
2	Decane, 2-methyl-	156	C11H24	006975-98-0	46
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	46
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037436.D
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Operator : CG/JU
Sample : N5436-07
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Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-07

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

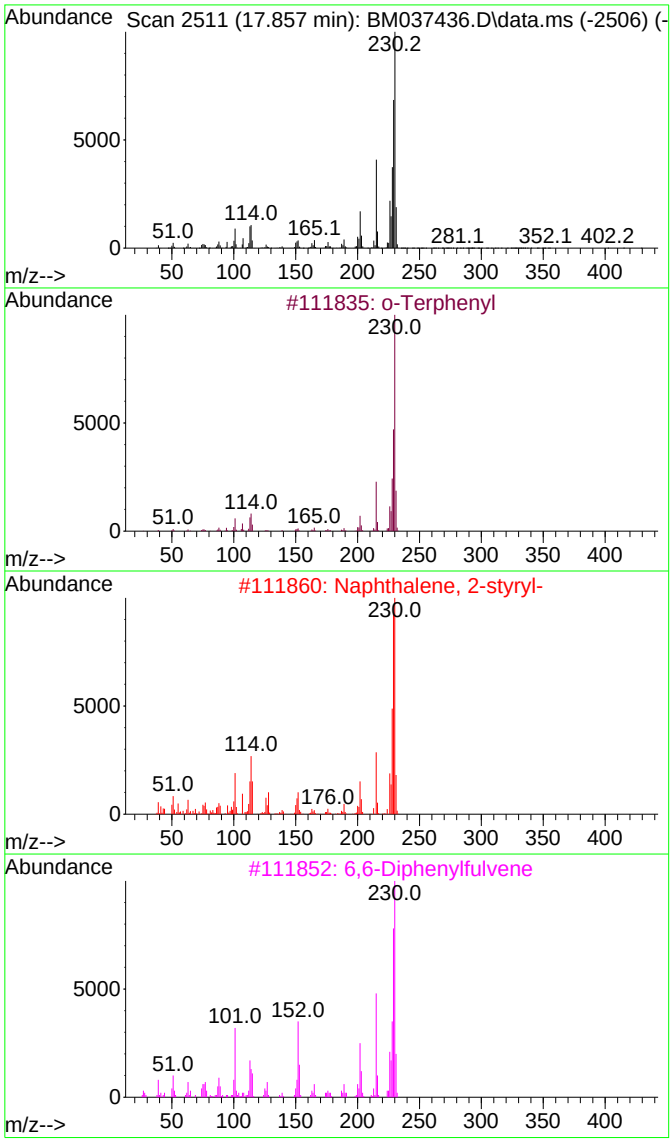
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

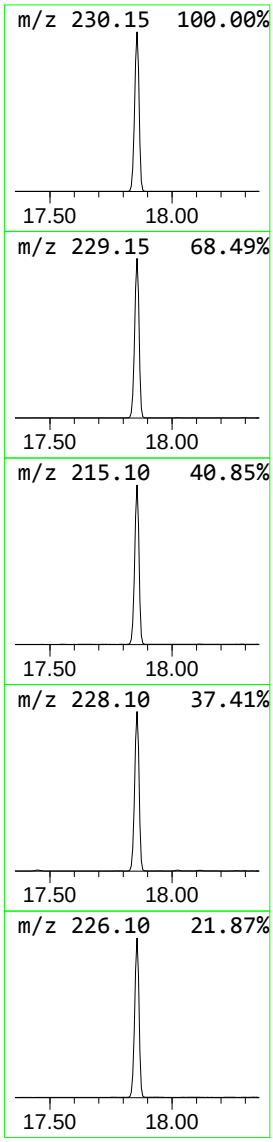
****

Peak Number 6 o-Terphenyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.857	125.53 ng	26305100	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Terphenyl	230	C18H14	000084-15-1	97
2	Naphthalene, 2-styryl-	230	C18H14	002039-70-5	93
3	6,6-Diphenylfulvene	230	C18H14	002175-90-8	90
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\BM110922\
Data File : BM037436.D
Acq On : 09 Nov 2022 14:42
Operator : CG/JU
Sample : N5436-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-07

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

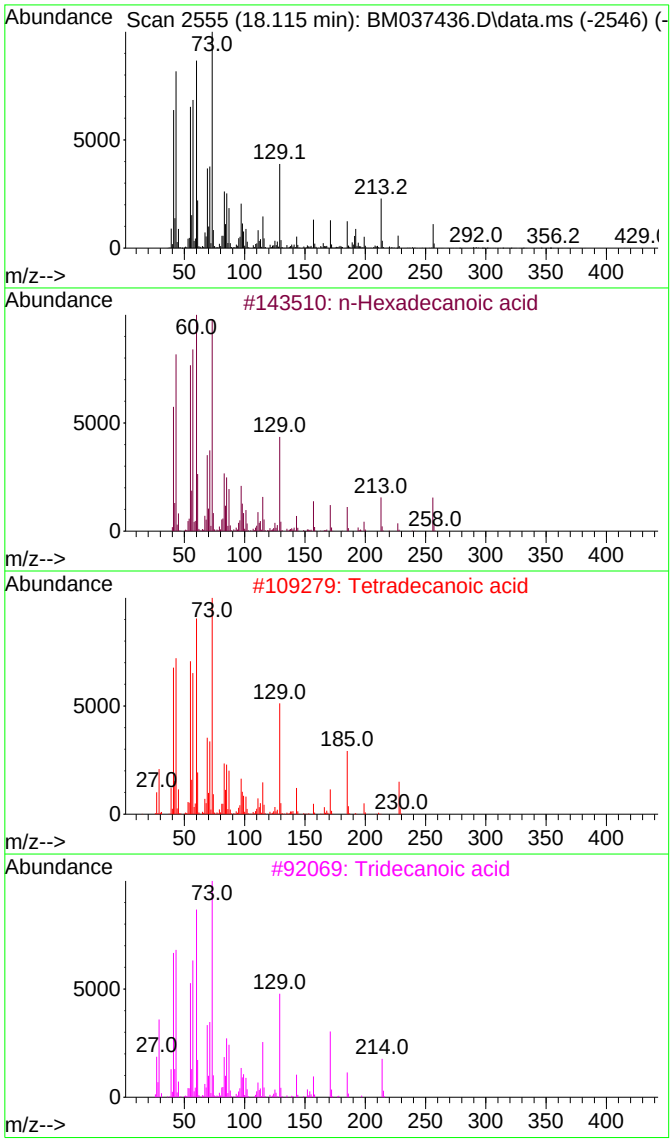
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

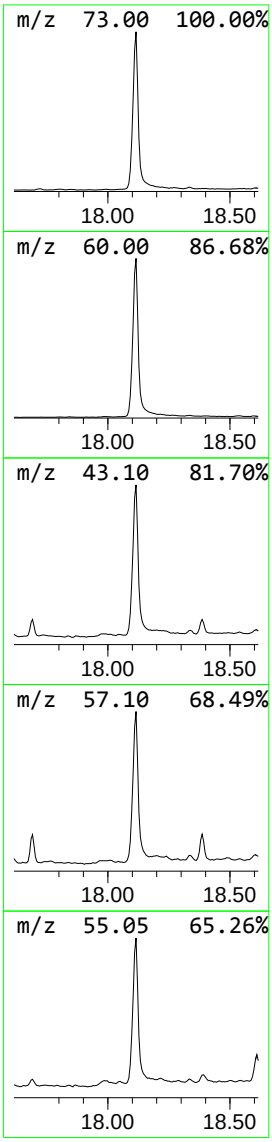
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.115	64.64 ng	13545600	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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Acq On : 09 Nov 2022 14:42
Operator : CG/JU
Sample : N5436-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-07

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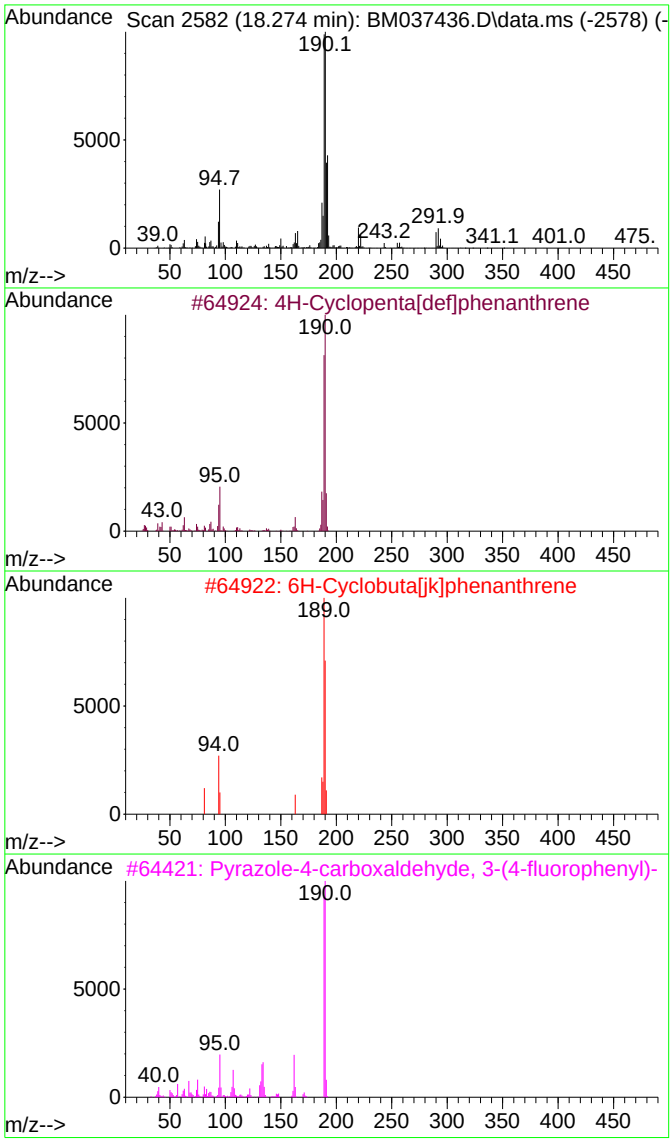
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

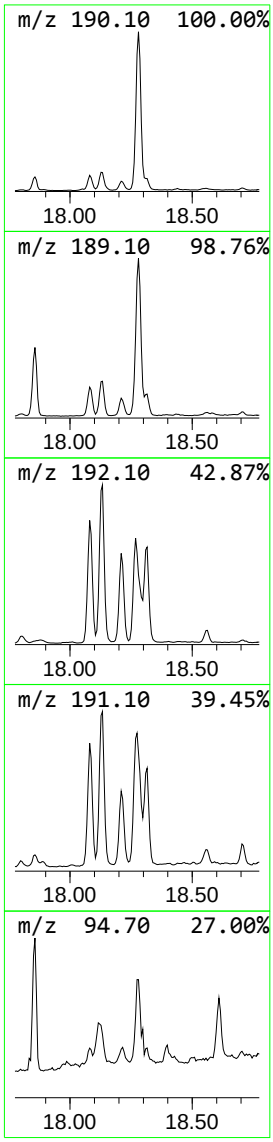
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.274	14.79 ng	3100270	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38





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Sample : N5436-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

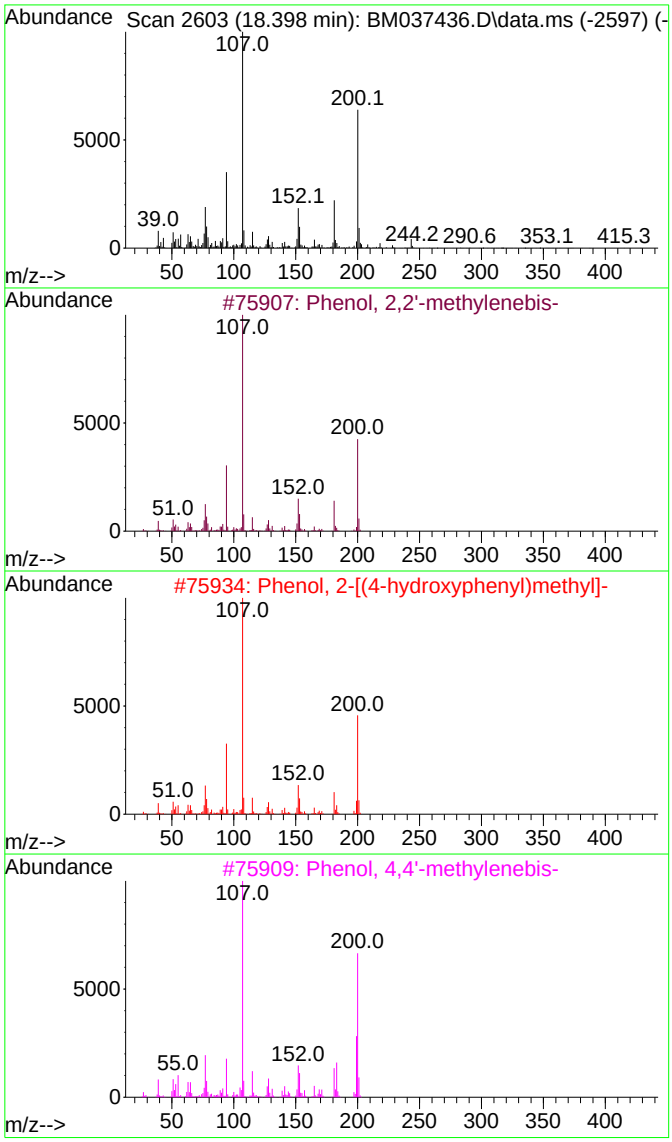
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

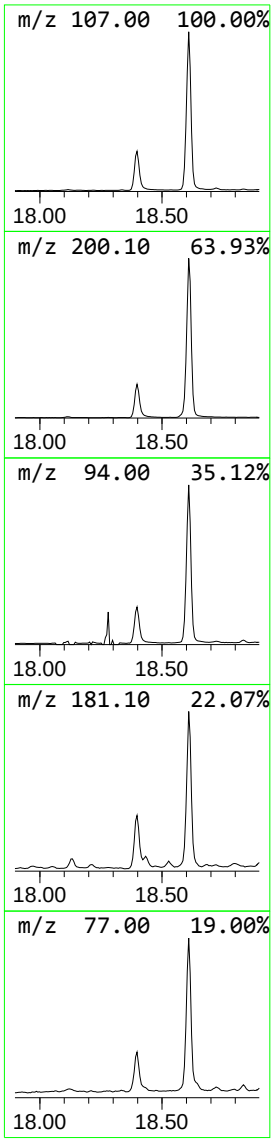
****

Peak Number 9 Phenol, 2,2'-methylenebis- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.398	17.86 ng	3743030	Phenanthrene-d10	17.204

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	93
3	Phenol, 4,4'-methylenebis-	200	C13H12O2	000620-92-8	83
4	Phenol, 4-(ethoxymethyl)-	152	C9H12O2	057726-26-8	38
5	4-(2-Methoxyethyl)phenol	152	C9H12O2	056718-71-9	38





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

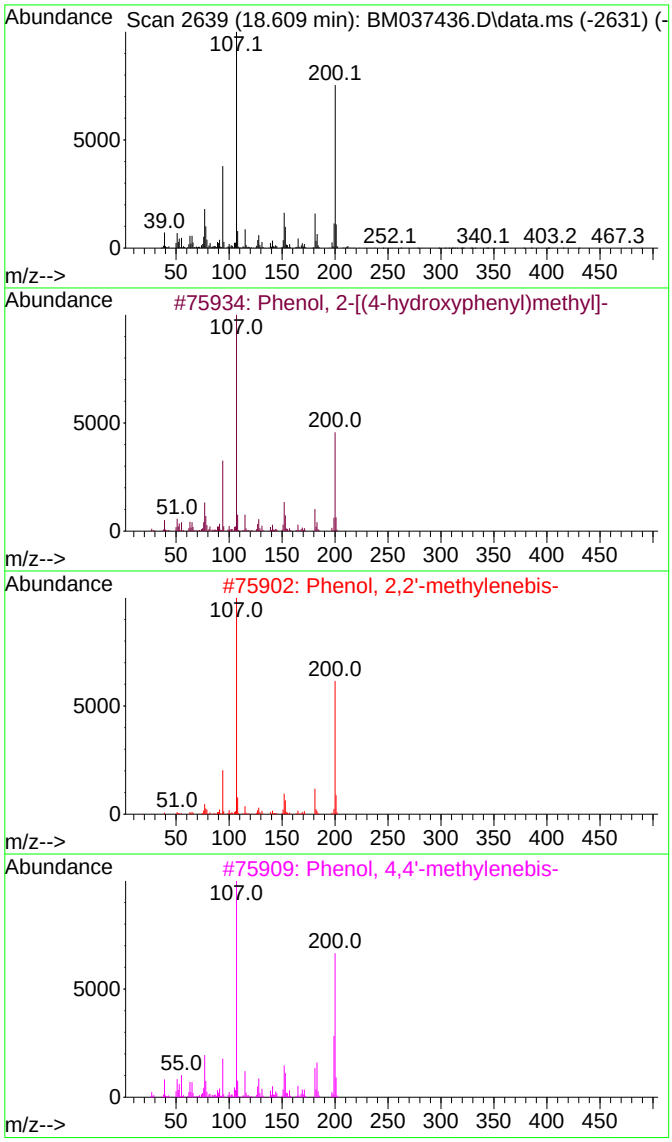
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

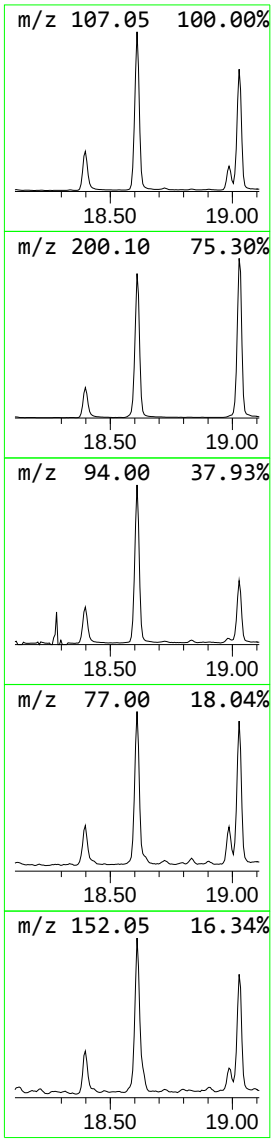
****

Peak Number 10 Phenol, 2-[(4-hydroxyphenyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.609	57.25 ng	11997900	Phenanthrene-d10	17.204

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	86
4	Phosphine, methyldiphenyl-	200	C13H13P	001486-28-8	52
5	1,3-Benzenediol, 4-(phenylmethyl)-	200	C13H12O2	002284-30-2	50





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Sample : N5436-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-07

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

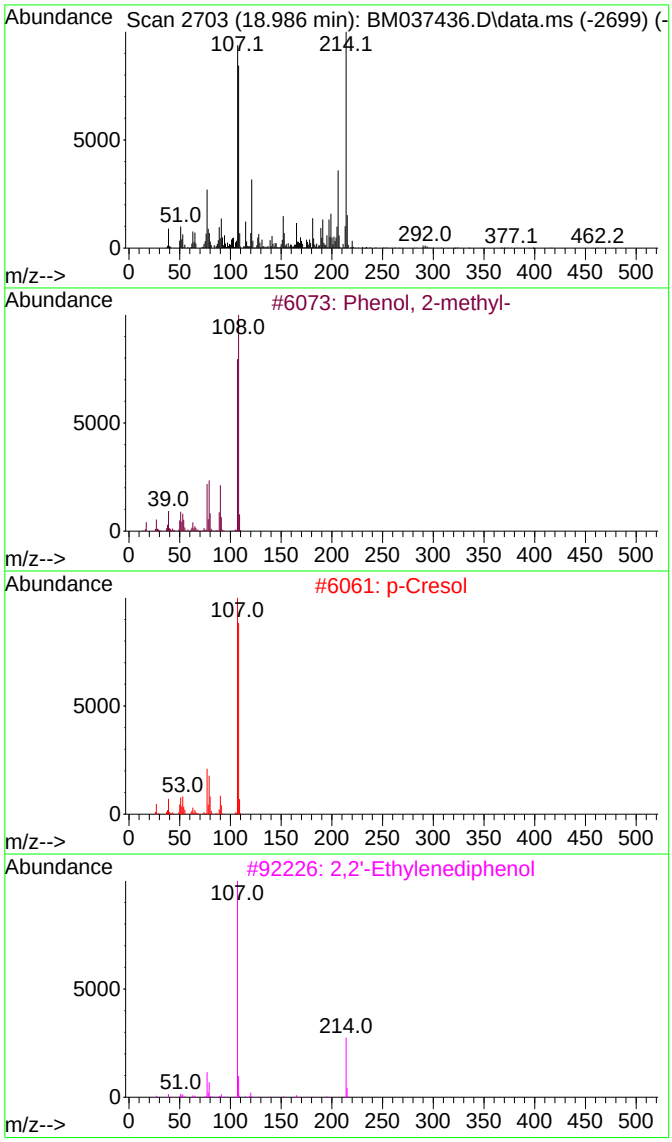
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

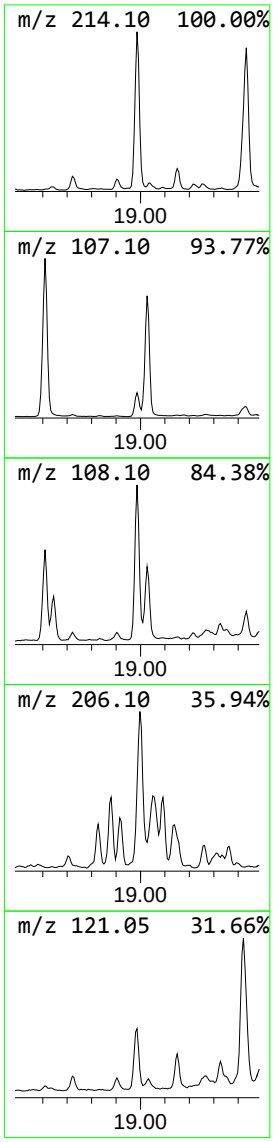
****

Peak Number 11 unknown18.986 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.986	16.51 ng	3460400	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-	108	C7H8O	000095-48-7	43
2	p-Cresol	108	C7H8O	000106-44-5	43
3	2,2'-Ethylenediphenol	214	C14H14O2	029338-20-3	43
4	1,4-Benzenediamine, N-(4-methoxy...	214	C13H14N2O	000101-64-4	25
5	Benzene, 1,1'-thiobis[2-methyl-	214	C14H14S	004537-05-7	25





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Sample : N5436-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

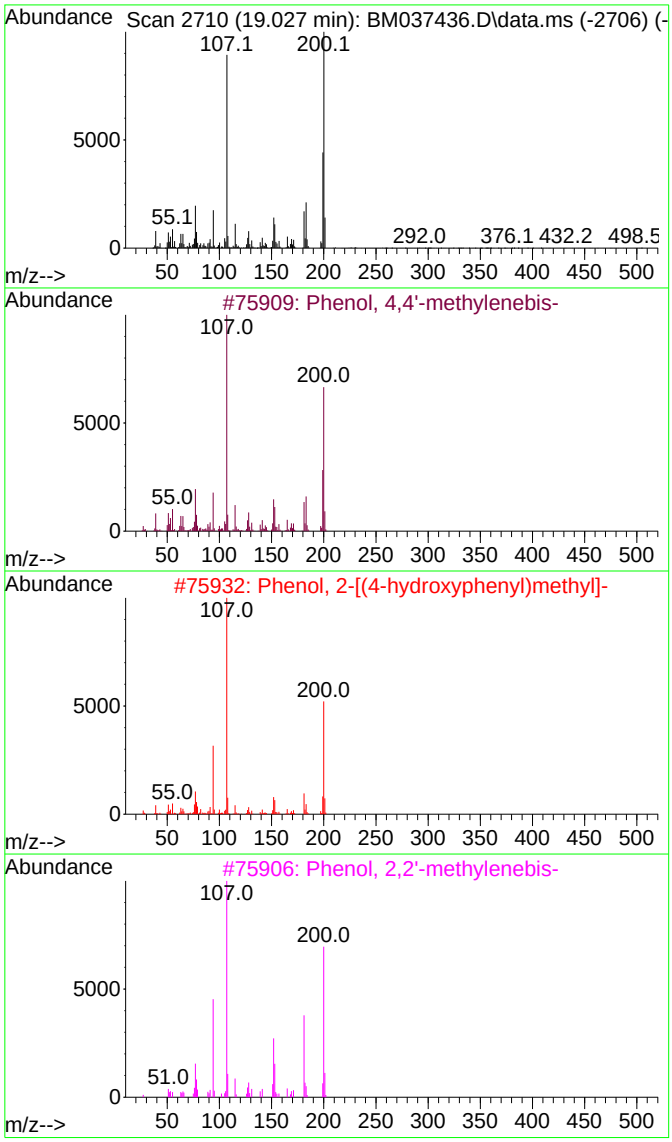
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

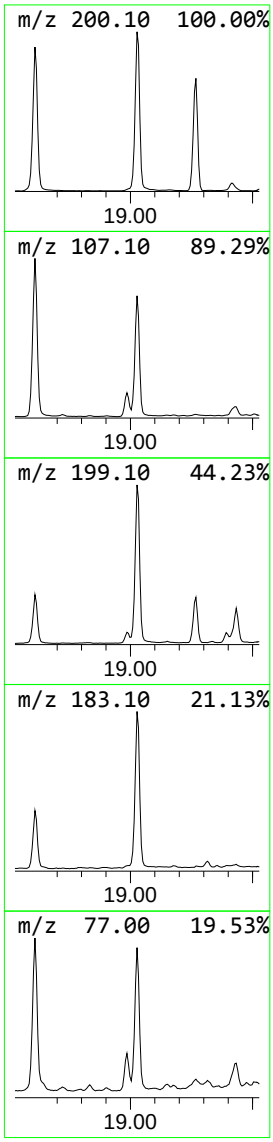
****

Peak Number 12 Phenol, 4,4'-methylenebis- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.027	57.87 ng	12126400	Phenanthrene-d10	17.204

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	58
4	1,3-Benzenediol, 4-(phenylmethyl)-	200	C13H12O2	002284-30-2	49
5	Thiazolo[5,4-f]quinoline, 7-methyl-	200	C11H8N2S	003119-56-0	38





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Sample : N5436-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
250FERRYBLVD-TFS-07

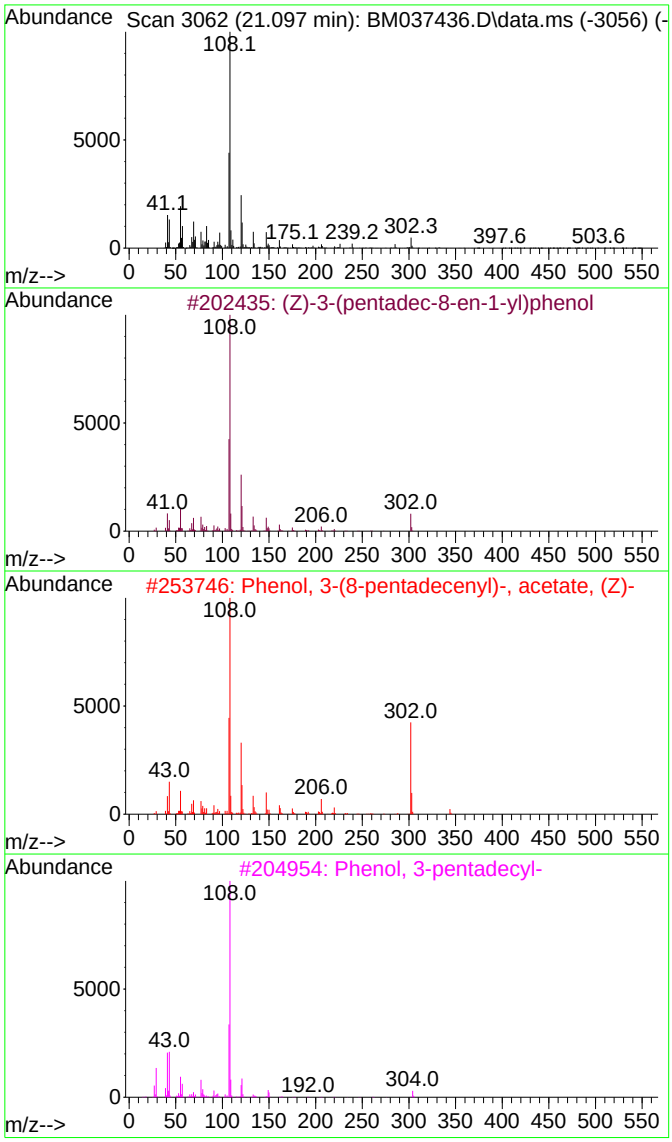
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

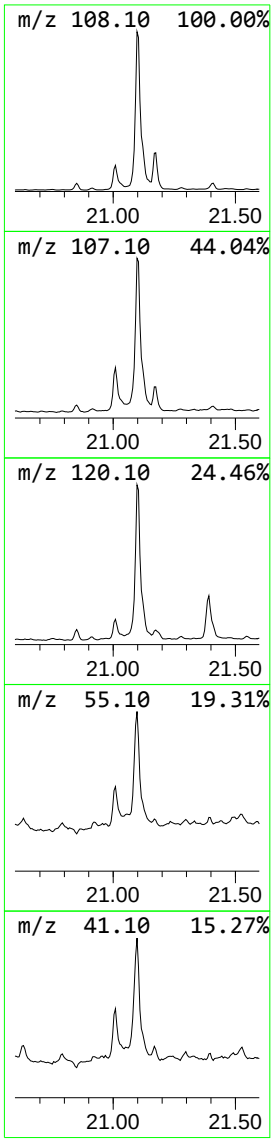
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (Z)-3-(pentadec-8-en-1-yl)p... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.098	13.38 ng	22216900	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	90
3	Phenol, 3-pentadecyl-	304	C21H36O	000501-24-6	59
4	Carbamic acid, methyl-, 3-methyl...	165	C9H11NO2	001129-41-5	50
5	Phenol, 3-undecyl-	248	C17H28O	020056-72-8	45





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Sample : N5436-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

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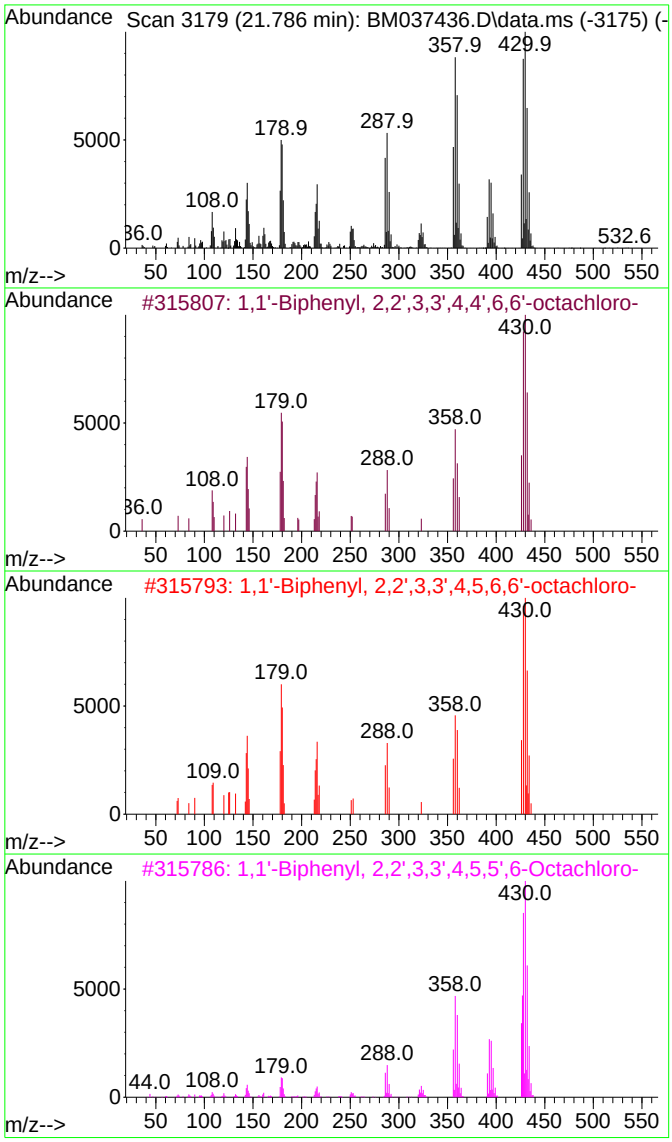
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

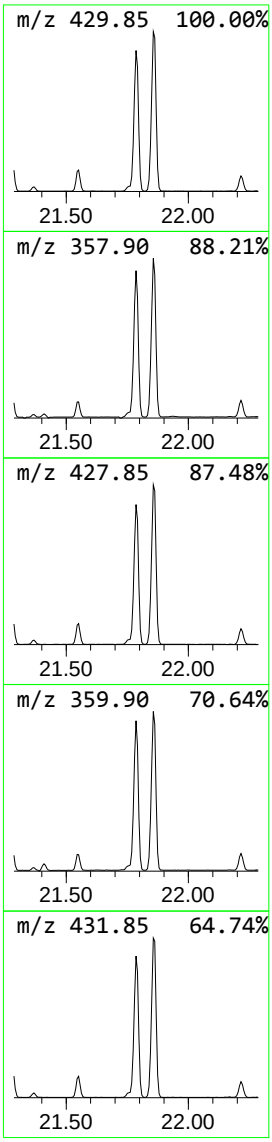
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.786	8.97 ng	14894600	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	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',4,5,5',...	426	C12H2Cl8	068194-17-2	99
4	1,1'-Biphenyl, 2,2',3,3',5,5',6,...	426	C12H2Cl8	002136-99-4	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	042740-50-1	99





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Sample : N5436-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

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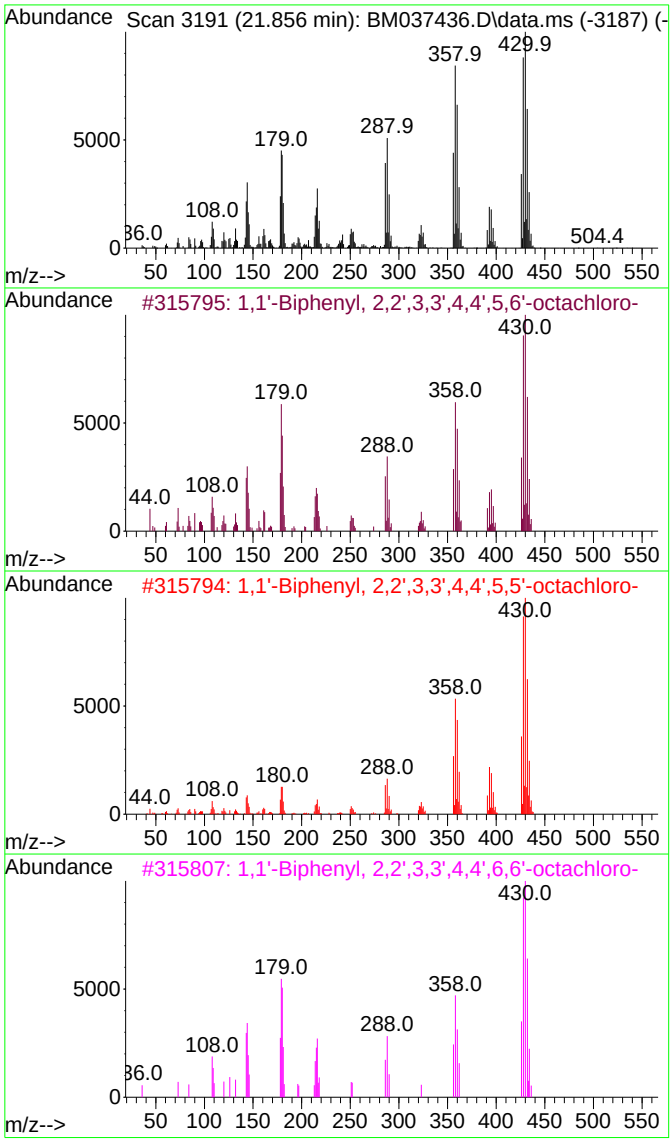
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

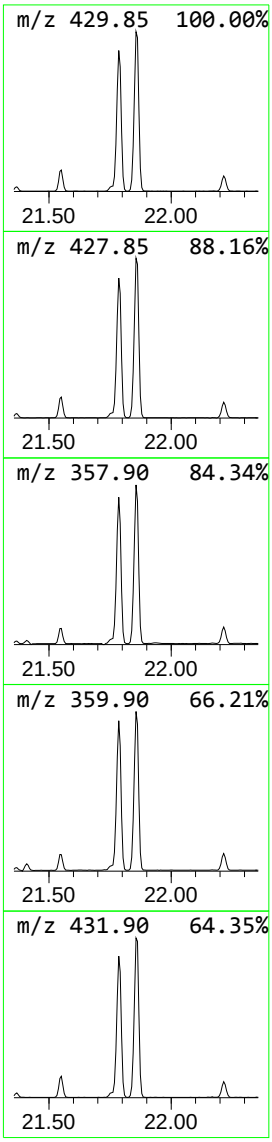
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.856	9.18 ng	15234000	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	042740-50-1	99
2	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	99
4	2,2',3,4,4',5,5',6-Octachloro-1,...	426	C12H2Cl8	052663-76-0	99
5	1,1'-Biphenyl, 2,2',3,3',4,5,6,6...	426	C12H2Cl8	052663-73-7	99





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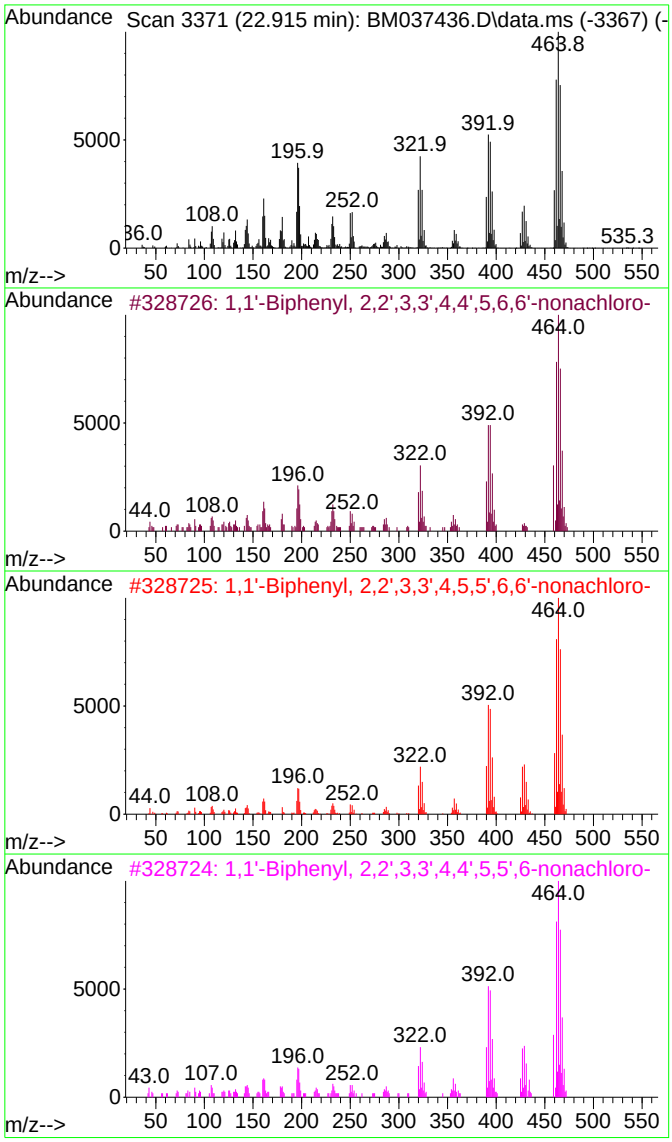
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

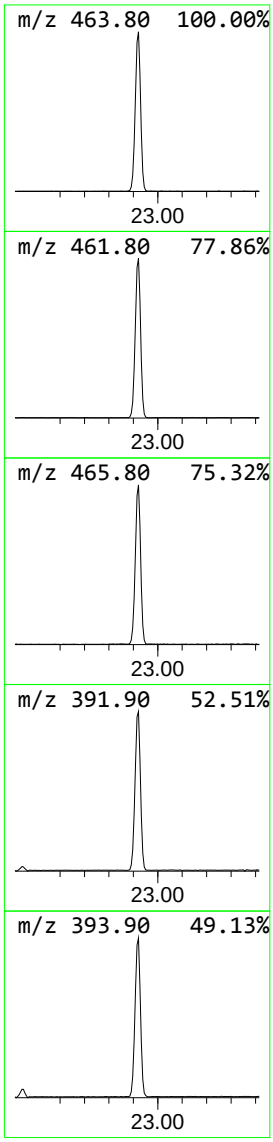
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.915	48.97 ng	11919900	Perylene-d12	23.738

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	89
4	Pentacene, 5,6,7:12,13,14-hexathio-	464	C22H8S6	038037-63-7	9
5	1,5-Diacetamidoanthraquinone, 2TMS	466	C24H30N2O4Si2	1010507-06-1	7





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ALS Vial : 5 Sample Multiplier: 1

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

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

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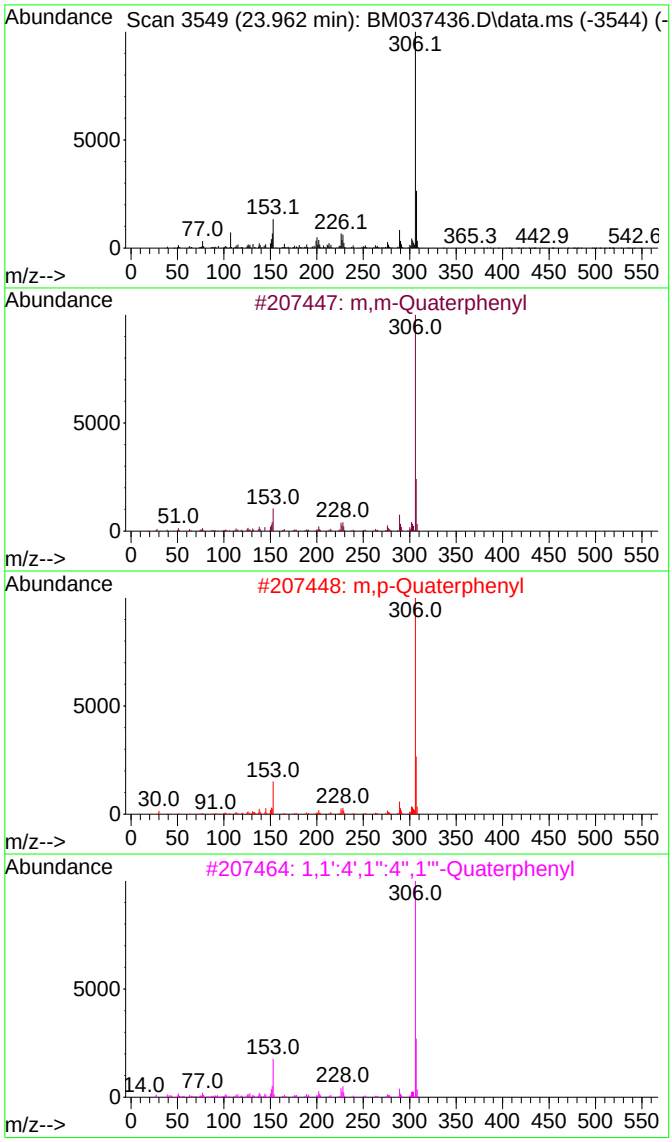
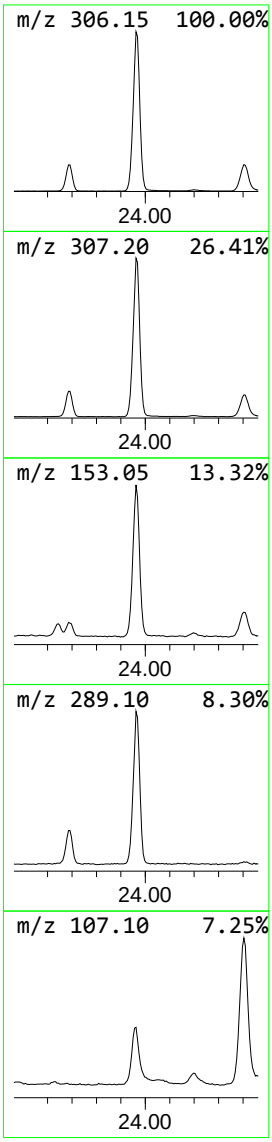
Peak Number 17 m,m-Quaterphenyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.962	45.67 ng	11115100	Perylene-d12	23.738

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	Dibenzo[def,mno]chrysene-6,12-dione	306	C22H10O2	000641-13-4	64





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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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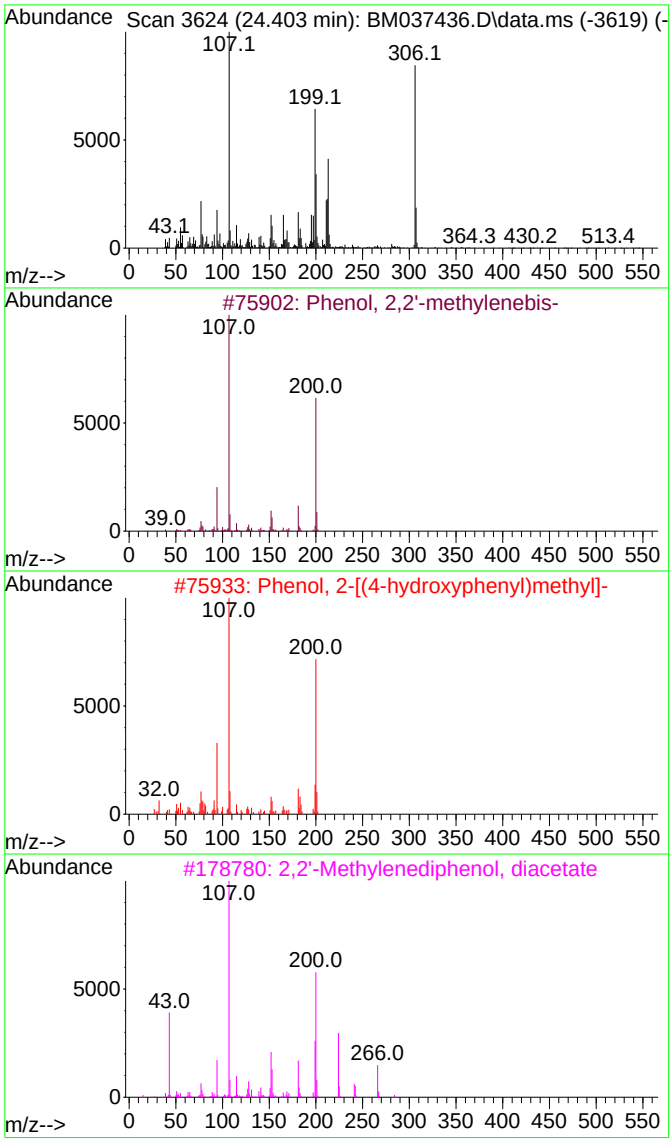
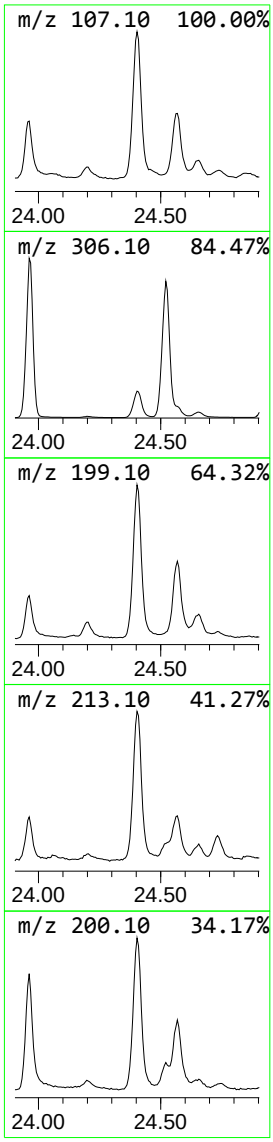
Peak Number 18 unknown24.403 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.403	25.88 ng	6298620	Perylene-d12	23.738

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,2'-methylenebis-	200	C13H12O2	002467-02-9	64
2	Phenol, 2-[(4-hydroxyphenyl)meth...	200	C13H12O2	002467-03-0	35
3	2,2'-Methylenediphenol, diacetate	284	C17H16O4	038782-65-9	25
4	Benzene, 1,1'-[methylenebis(oxy)...	200	C13H12O2	004442-41-5	18
5	Bisphenol F, acetate	242	C15H14O3	035250-15-8	15





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037436.D
Acq On : 09 Nov 2022 14:42
Operator : CG/JU
Sample : N5436-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-07

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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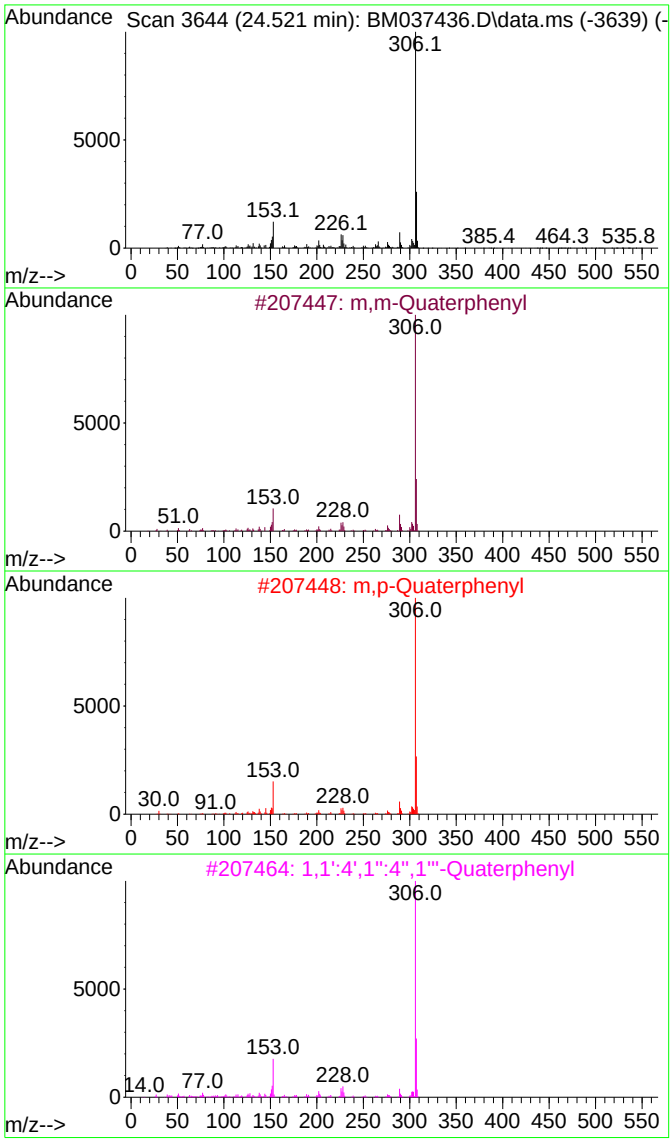
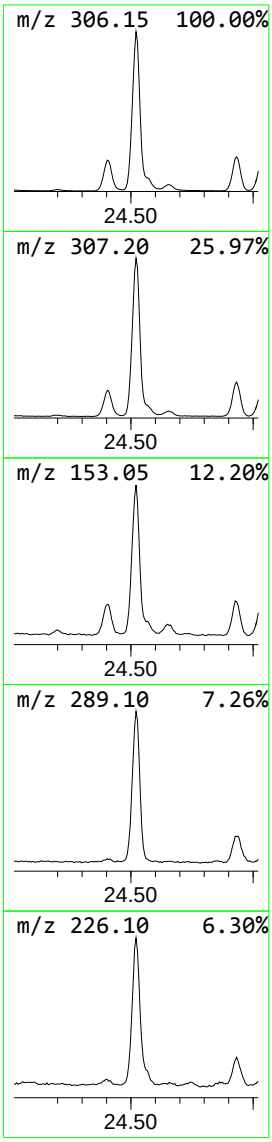
Peak Number 19 m,p-Quaterphenyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.521	52.36 ng	12743600	Perylene-d12	23.738

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	94
5	phenol, 4-[[4-[(4-methoxyphenyl)...	306	C19H18N2O2	1000397-62-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037436.D
Acq On : 09 Nov 2022 14:42
Operator : CG/JU
Sample : N5436-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-07

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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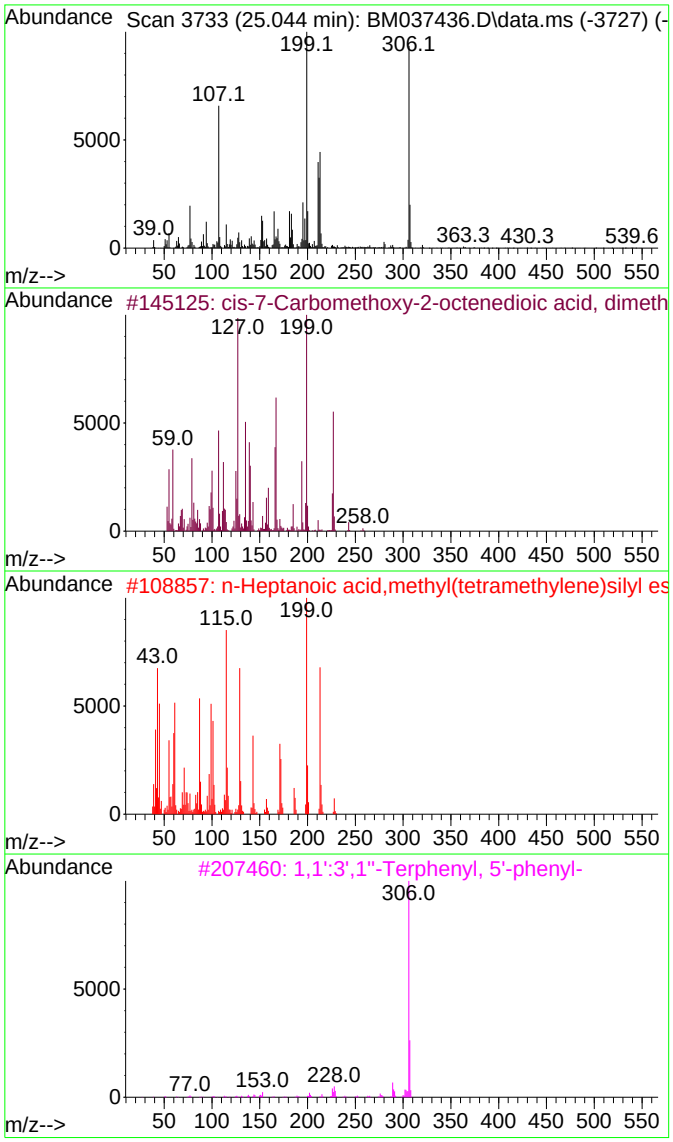
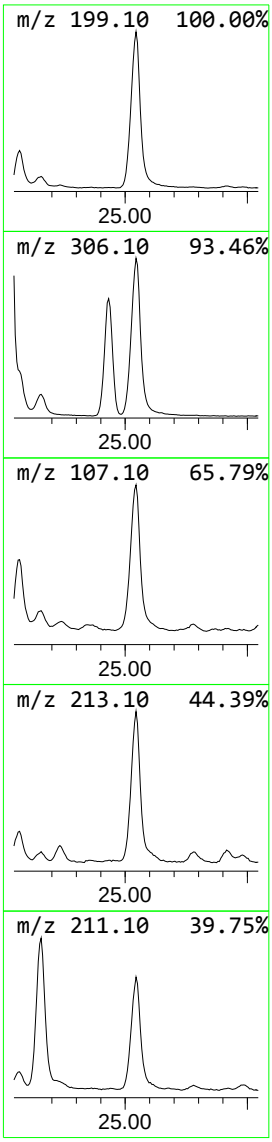
Peak Number 20 unknown25.044 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.044	55.06 ng	13402600	Perylene-d12	23.738

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-7-Carbomethoxy-2-octenedioic...	258	C12H18O6	1010298-82-7	22
2	n-Heptanoic acid,methyl(tramet...	228	C12H24O2Si	1000217-03-6	22
3	1,1':3',1''-Terphenyl, 5'-phenyl-	306	C24H18	000612-71-5	18
4	1,1':4',1'':4'',1'''-Quaterphenyl	306	C24H18	000135-70-6	15
5	4,4'-Ethylidenediphenol	214	C14H14O2	002081-08-5	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037436.D
Acq On : 09 Nov 2022 14:42
Operator : CG/JU
Sample : N5436-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-07

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-...	4.934	25.6	ng	1991640	1	7.822	1558170	20.0
Phenol, 4-ethyl-	10.057	25.9	ng	3042350	2	10.622	2351510	20.0
Phenol, 2,4,6-t...	10.775	8.7	ng	1027730	2	10.622	2351510	20.0
4-Chromanol	11.457	11.7	ng	1374720	2	10.622	2351510	20.0
Hexadecane, 2,6...	16.180	8.8	ng	1833150	4	17.204	4191200	20.0
o-Terphenyl	17.857	125.5	ng	26305100	4	17.204	4191200	20.0
n-Hexadecanoic ...	18.115	64.6	ng	13545600	4	17.204	4191200	20.0
4H-Cyclopenta[d...	18.274	14.8	ng	3100270	4	17.204	4191200	20.0
Phenol, 2,2'-me...	18.398	17.9	ng	3743030	4	17.204	4191200	20.0
Phenol, 2-[(4-h...	18.609	57.3	ng	11997900	4	17.204	4191200	20.0
unknown18.986	18.986	16.5	ng	3460400	4	17.204	4191200	20.0
Phenol, 4,4'-me...	19.027	57.9	ng	12126400	4	17.204	4191200	20.0
(Z)-3-(pentadec...	21.098	13.4	ng	22216900	5	21.392	33200000	20.0
1,1'-Biphenyl, ...	21.786	9.0	ng	14894600	5	21.392	33200000	20.0
1,1'-Biphenyl, ...	21.856	9.2	ng	15234000	5	21.392	33200000	20.0
1,1'-Biphenyl, ...	22.915	49.0	ng	11919900	6	23.738	4867950	20.0
m,m-Quaterphenyl	23.962	45.7	ng	11115100	6	23.738	4867950	20.0
unknown24.403	24.403	25.9	ng	6298620	6	23.738	4867950	20.0
m,p-Quaterphenyl	24.521	52.4	ng	12743600	6	23.738	4867950	20.0
unknown25.044	25.044	55.1	ng	13402600	6	23.738	4867950	20.0