LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037435.D
Acq On : 09 Nov 2022 13:30
Operator : CG/JU
Sample : N5436-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-03

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: BM037435.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	322	rBV	1143285	1527059	1.89%	0.293%
2	5.398	386	393	398	rBV	3650044	5124615	6.35%	0.982%
3	7.004	660	666	677	rVB	3478294	5645595	6.99%	1.082%
4	7.816	800	804	818	rVB	917694	1504435	1.86%	0.288%
5	8.604	933	938	955	rVB	674952	1269010	1.57%	0.243%
6	8.992	997	1004	1009	rBV	2256196	3767014	4.67%	0.722%
7	9.810	1135	1143	1153	rBV	1240445	2426965	3.01%	0.465%
8	10.057	1175	1185	1192	rBV2	553537	1372475	1.70%	0.263%
9	10.622	1276	1281	1285	rBV	1213699	1898209	2.35%	0.364%
10	10.669	1285	1289	1295	rVB	1178332	1869943	2.32%	0.358%
11	12.280	1558	1563	1574	rBV2	599900	1001919	1.24%	0.192%
12	13.086	1693	1700	1707	rVB	6225896	8646763	10.71%	1.657%
13	14.186	1881	1887	1894	rBV	1157944	1819490	2.25%	0.349%
14	14.463	1926	1934	1939	rVB	1946721	3050609	3.78%	0.585%
15	14.521	1939	1944	1953	rBV	1114371	1687861	2.09%	0.323%
16	14.857	1996	2001	2004	rBV	760045	1204424	1.49%	0.231%
17	15.504	2107	2111	2123	rVB	1295334	2034210	2.52%	0.390%
18	15.710	2142	2146	2151	rBV3	774473	1087966	1.35%	0.208%
19	15.951	2182	2187	2193	rBV	5549356	7659175	9.49%	1.468%
20	17.204	2396	2400	2403	rBV	2388692	3280921	4.06%	0.629%
21	17.251	2403	2408	2416	rVB	10204547	14180545	17.57%	2.717%
22	17.339	2418	2423	2427	rBV	3204357	4121315	5.11%	0.790%
23	17.804	2497	2502	2506	rBV6	445848	980678	1.22%	0.188%
24	17.856	2506	2511	2518	rVB	13350403	17080440	21.16%	3.273%
25	18.115	2545	2555	2564	rBV2	6910043	14621623	18.12%	2.802%
26	18.209	2568	2571	2577	rVB	1038678	1361617	1.69%	0.261%
27	18.280	2577	2583	2587	rBV3	3238460	5539019	6.86%	1.061%
28	18.398	2598	2603	2607	rBV2	1658191	2599691	3.22%	0.498%
29	18.609	2631	2639	2650	rVB3	5334162	10567264	13.09%	2.025%
30	18.992	2699	2704	2706	rBV2	2231790	3408658	4.22%	0.653%
31	19.027	2706	2710	2719	rVB	5713284	8543908	10.59%	1.637%
32	19.274	2745	2752	2757	rBV	29077005	48080209	59.57%	9.214%
33	19.315	2757	2759	2764	rVB2	2749053	3529109	4.37%	0.676%
34	19.392	2768	2772	2774	rBV	4801758	6104337	7.56%	1.170%
35	19.509	2789	2792	2796	rBV	1003346	1283966	1.59%	0.246%
36	19.639	2803	2814	2821	rBV3	37814879	80712384	100.00%	15.467%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037435.D
Acq On : 09 Nov 2022 13:30
Operator : CG/JU
Sample : N5436-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-03

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	19.698	2821	2824	2829	rBV2	1230208	1757839	2.18%	0.337%
38	19.833	2843	2847	2850	rVB	8346339	9188592	11.38%	1.761%
39	19.880	2850	2855	2860	rVB	28668431	40711839	50.44%	7.802%
40	19.950	2863	2867	2868	rBV	1606538	2127173	2.64%	0.408%
41	20.127	2894	2897	2902	rVB2	6200698	8031613	9.95%	1.539%
42	20.227	2910	2914	2917	rBV	4585868	5460337	6.77%	1.046%
43	20.268	2918	2921	2927	rVV2	3445408	6285721	7.79%	1.205%
44	20.550	2966	2969	2974	rBV3	2192209	2746813	3.40%	0.526%
45	20.850	3017	3020	3027	rBV2	5866902	9023357	11.18%	1.729%
46	21.009	3044	3047	3049	rBV	2917350	3770663	4.67%	0.723%
47	21.080	3055	3059	3060	rBV2	3474923	4322420	5.36%	0.828%
48	21.174	3072	3075	3082	rVB2	3872839	7062036	8.75%	1.353%
49	21.380	3105	3110	3113	rBV	16437295	27052058	33.52%	5.184%
50	21.433	3117	3119	3124	rVB	13887072	13825349	17.13%	2.649%
51	21.786	3175	3179	3186	rVB	8198077	10583385	13.11%	2.028%
52	21.856	3187	3191	3194	rBV	8674722	11589474	14.36%	2.221%
53	22.444	3287	3291	3298	rBV4	4778744	7103294	8.80%	1.361%
54	22.915	3367	3371	3380	rVB3	5724754	8890881	11.02%	1.704%
55	23.033	3385	3391	3397	rBV	7900014	22529180	27.91%	4.317%
56	23.533	3472	3476	3485	rVB	4951982	8761804	10.86%	1.679%
57	23.638	3489	3494	3506	rVB	8423032	17950065	22.24%	3.440%
58	23.962	3545	3549	3555	rVB	4094835	7327634	9.08%	1.404%
59	24.515	3640	3643	3649	rVB	3039750	5141951	6.37%	0.985%

Sum of corrected areas: 521836899

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037435.D
Acq On : 09 Nov 2022 13:30
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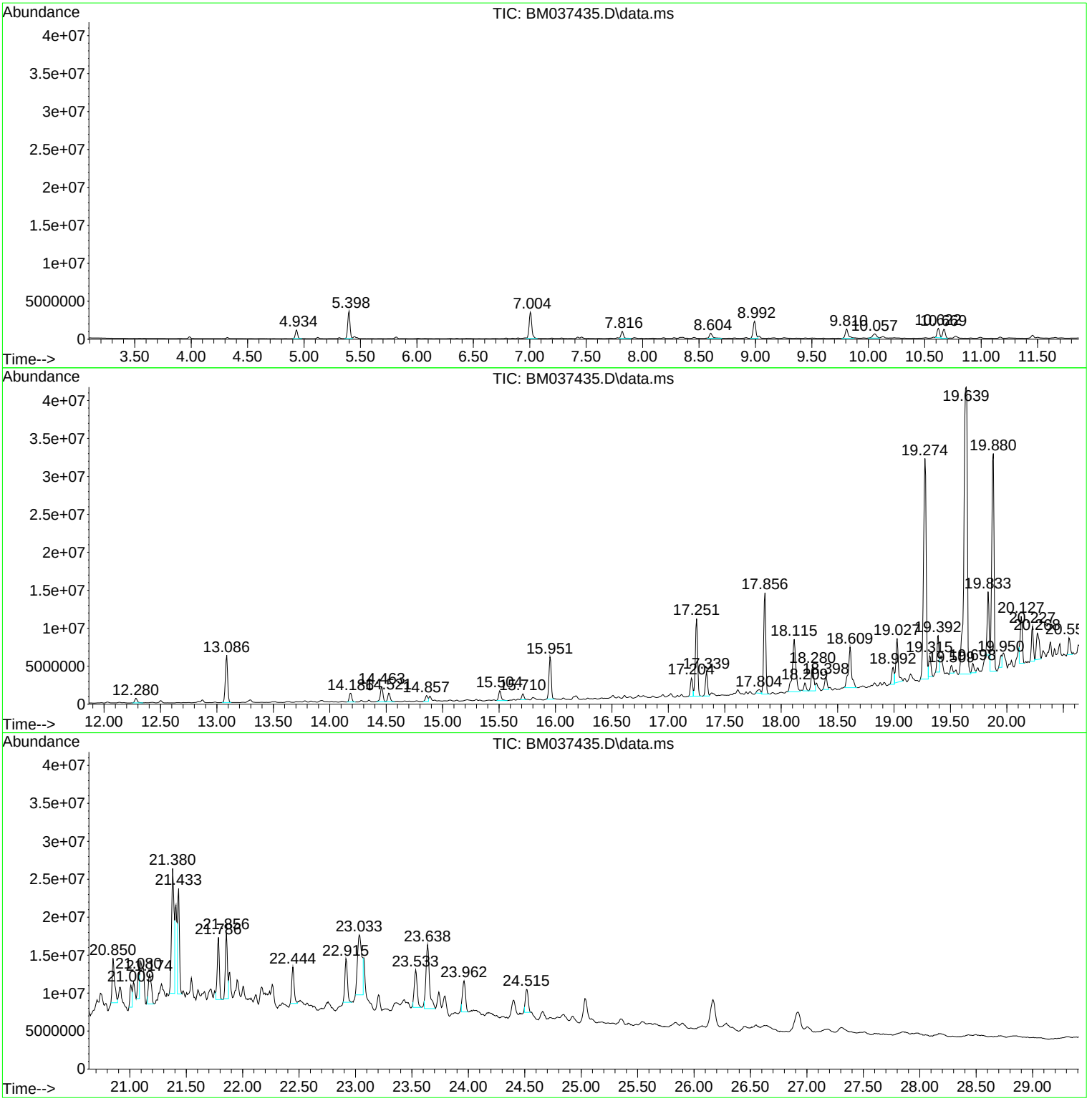
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-03

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 : BM037435.D
Acq On : 09 Nov 2022 13:30
Operator : CG/JU
Sample : N5436-03
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Instrument :
BNA_M
ClientSampleId :
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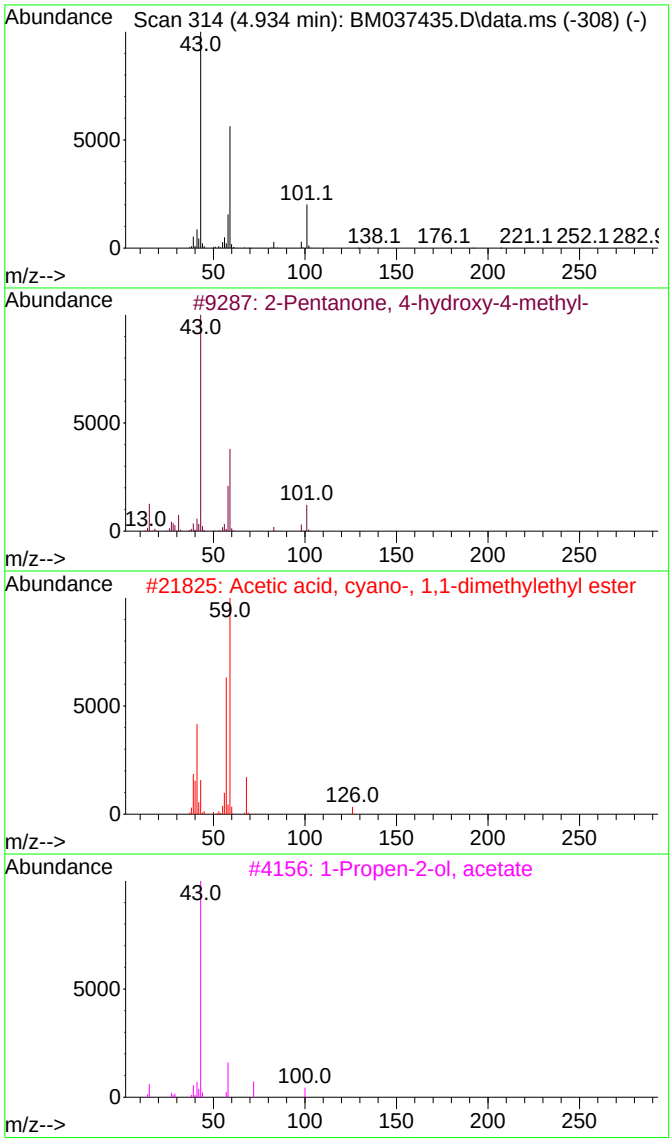
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

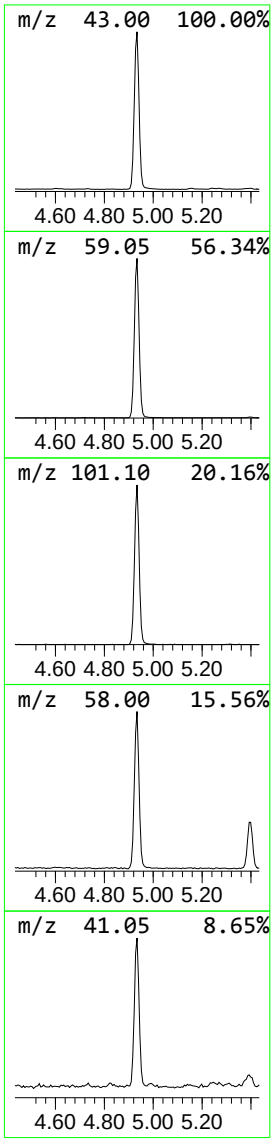
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.934	20.30 ng	1527060	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	47
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037435.D
Acq On : 09 Nov 2022 13:30
Operator : CG/JU
Sample : N5436-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-03

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

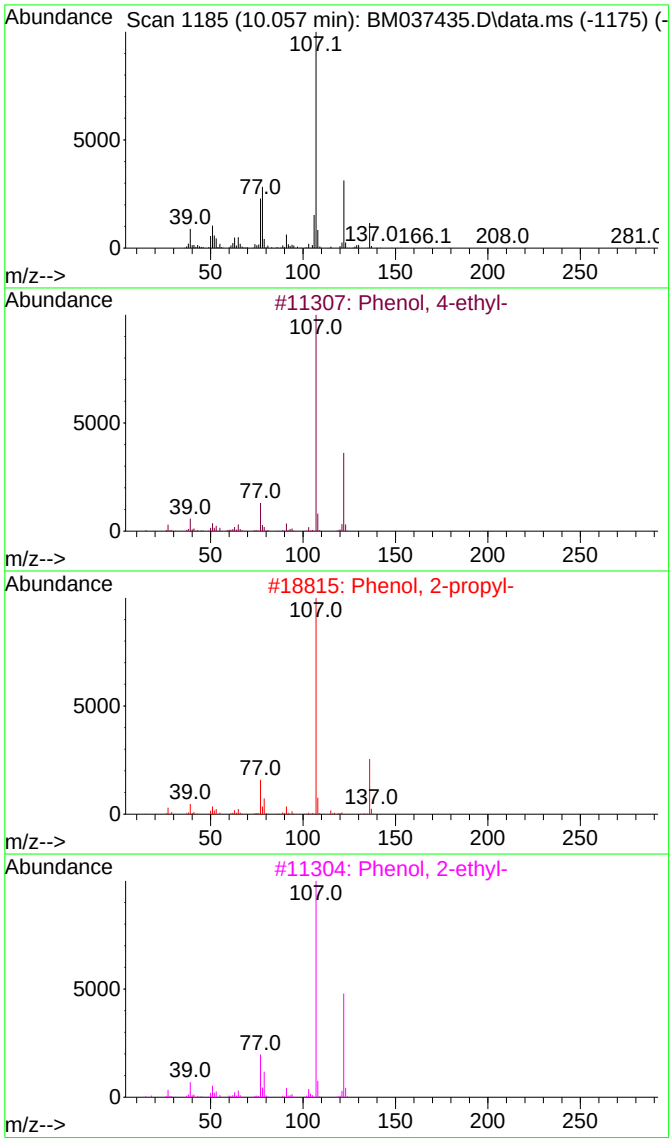
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

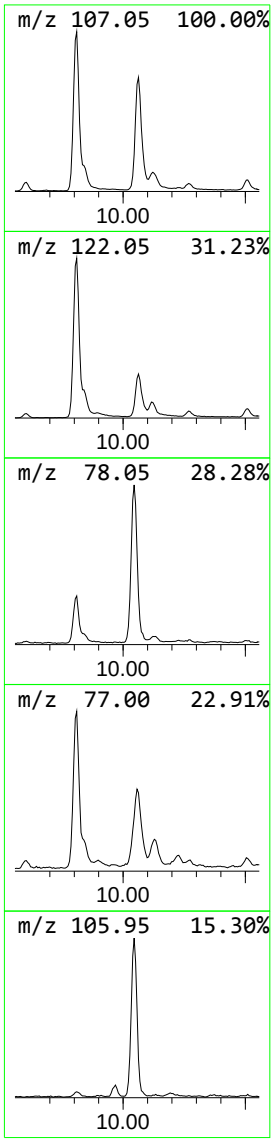
****

Peak Number 2 Phenol, 4-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.057	14.46 ng	1372480	Naphthalene-d8	10.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	76
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	70
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	64
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	62
5	Benzenemethanol, .alpha.-ethyl-	136	C9H12O	000093-54-9	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037435.D
Acq On : 09 Nov 2022 13:30
Operator : CG/JU
Sample : N5436-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

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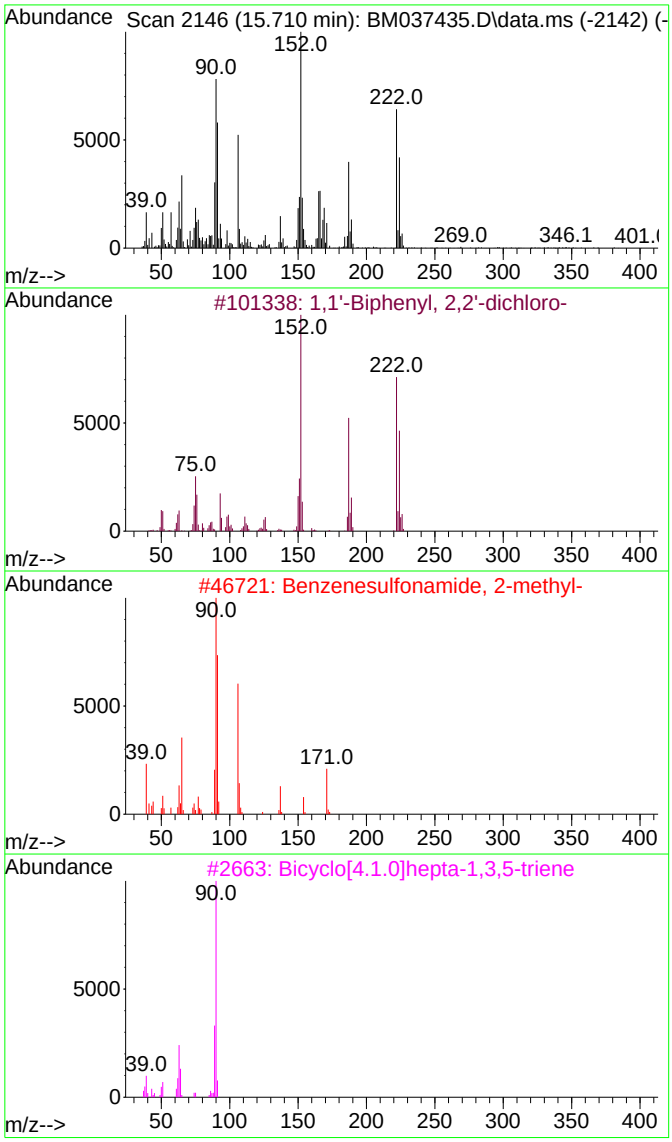
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

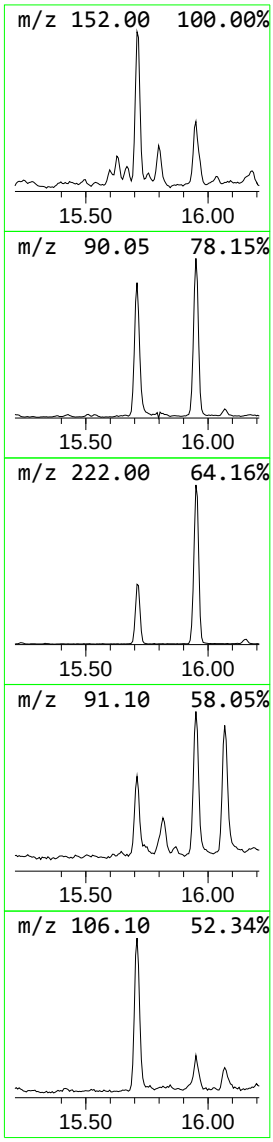
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.710	7.13 ng	1087970	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	93
2	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	55
3	Bicyclo[4.1.0]hepta-1,3,5-triene	90	C7H6	004646-69-9	49
4	1,1'-Biphenyl, 2,6-dichloro-	222	C12H8Cl2	033146-45-1	45
5	1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	44





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037435.D
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Sample : N5436-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-03

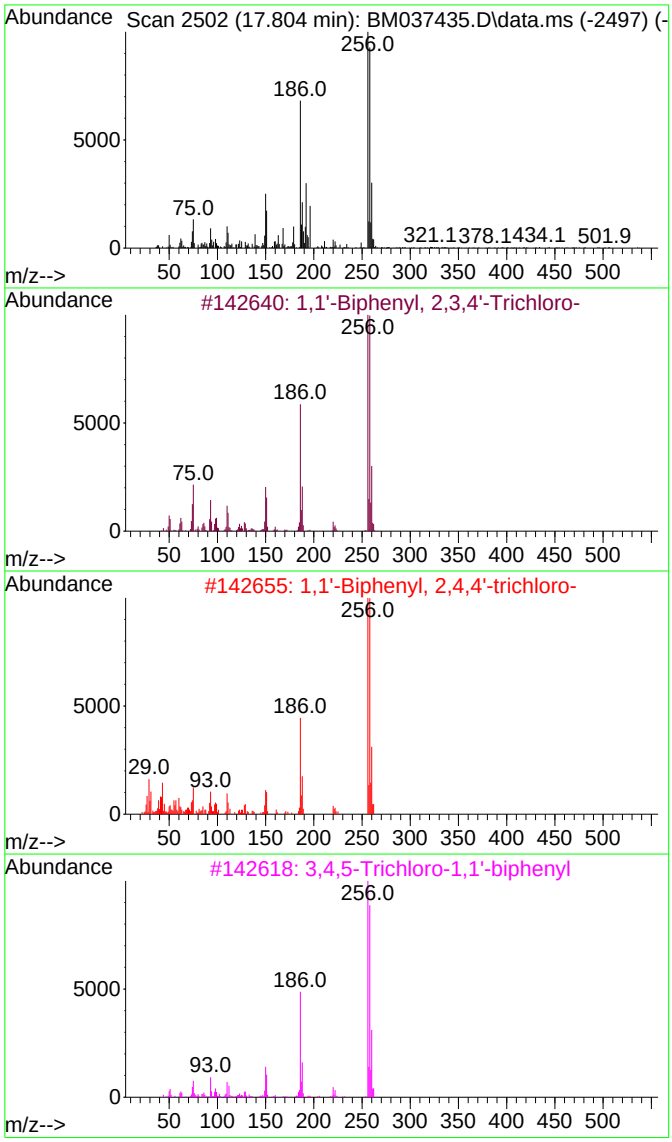
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

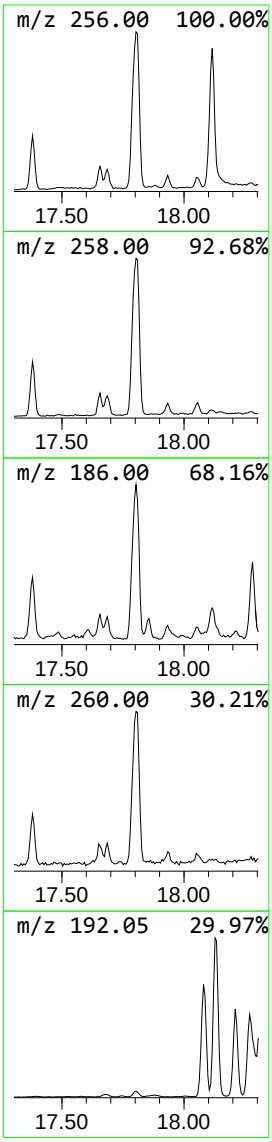
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.804	5.98 ng	980678	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	98
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98
3	3,4,5-Trichloro-1,1'-biphenyl	256	C12H7Cl3	053555-66-1	97
4	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	96
5	2,4',6-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-77-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037435.D
Acq On : 09 Nov 2022 13:30
Operator : CG/JU
Sample : N5436-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-03

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

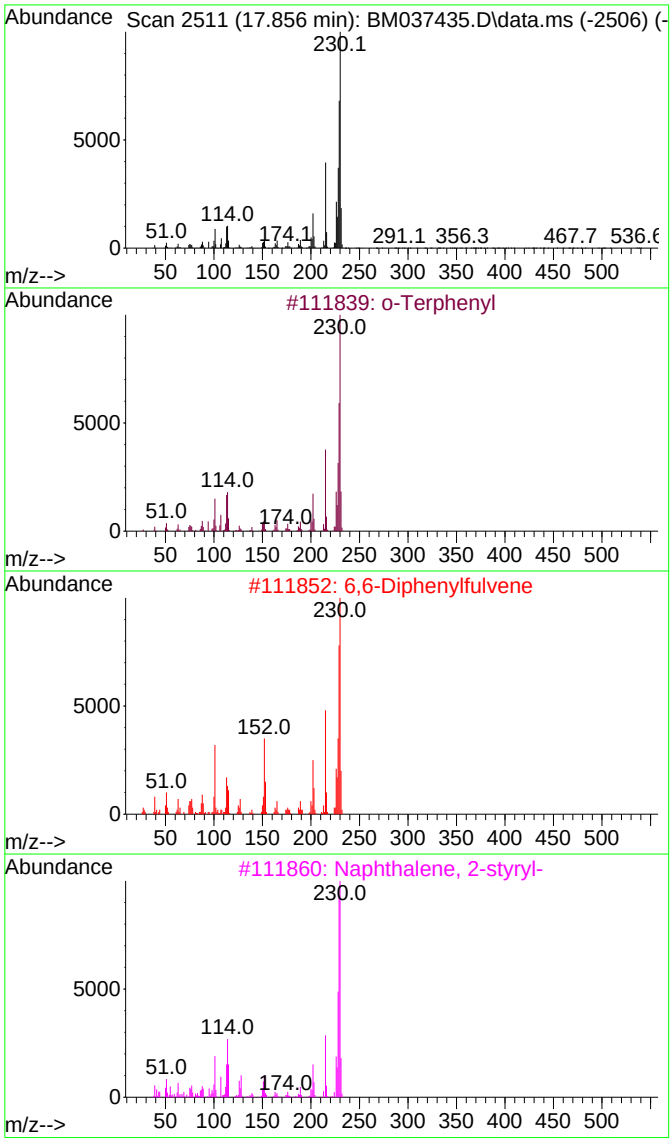
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

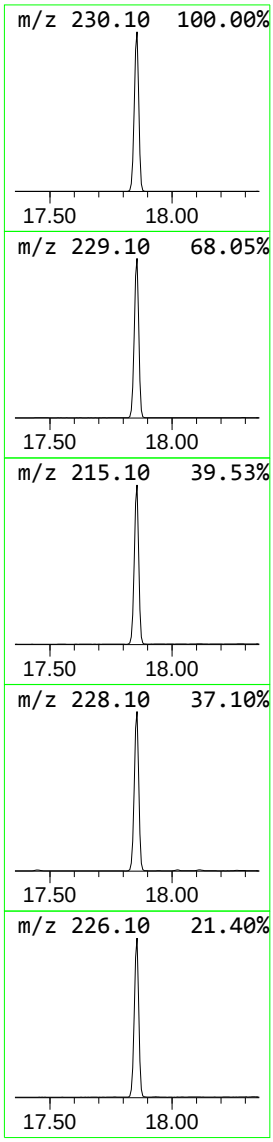
****

Peak Number 5 o-Terphenyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.857	104.12 ng	17080400	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Terphenyl	230	C18H14	000084-15-1	98
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	Naphthacene, 5,12-dihydro-	230	C18H14	000959-02-4	60





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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

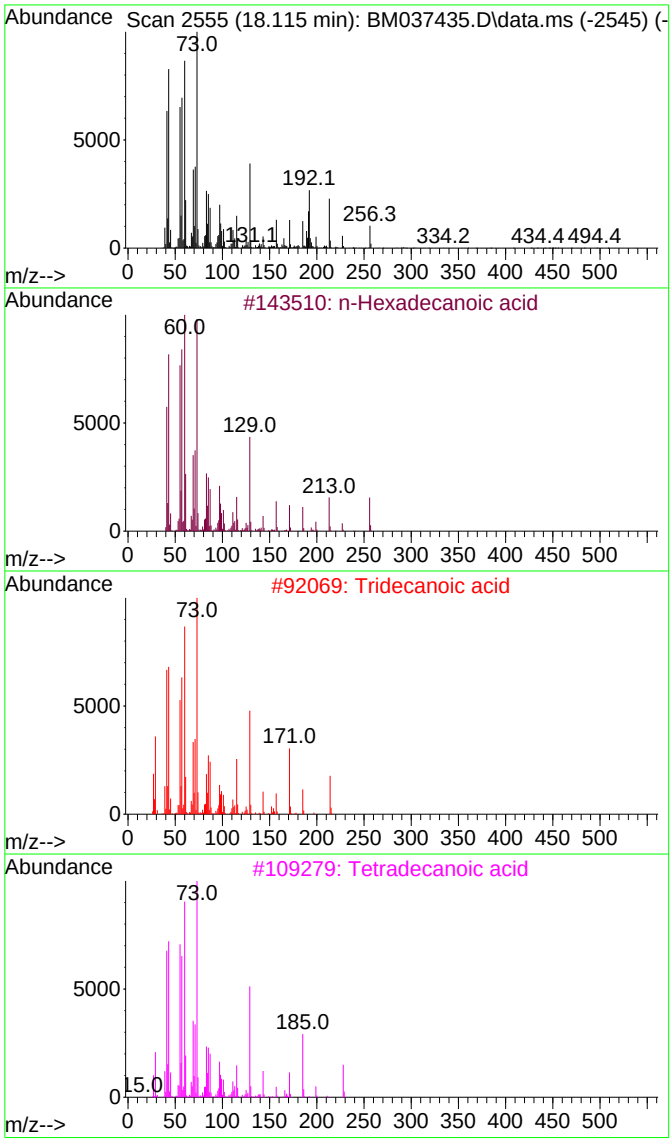
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

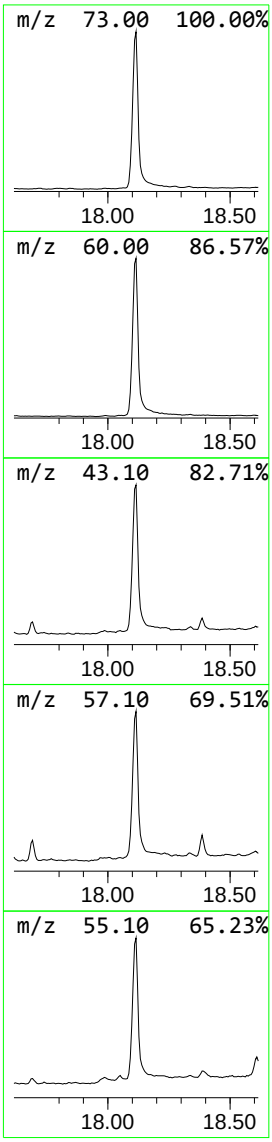
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.115	89.13 ng	14621600	Phenanthrene-d10	17.204

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	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Octadecanoic acid	284	C18H36O2	000057-11-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037435.D
Acq On : 09 Nov 2022 13:30
Operator : CG/JU
Sample : N5436-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-03

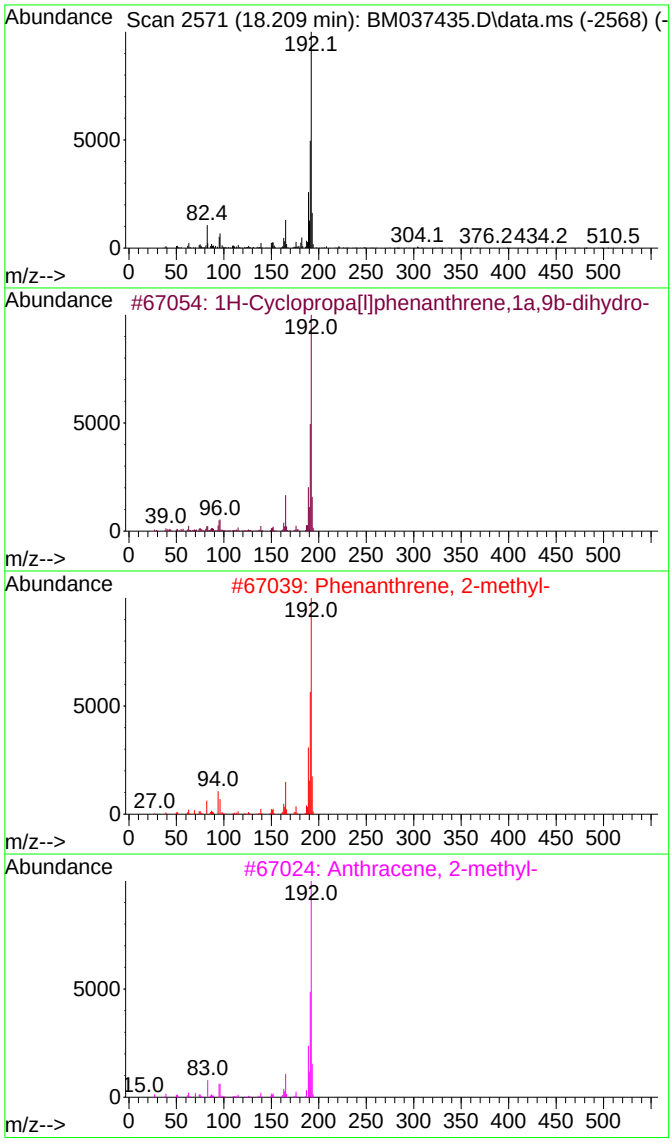
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

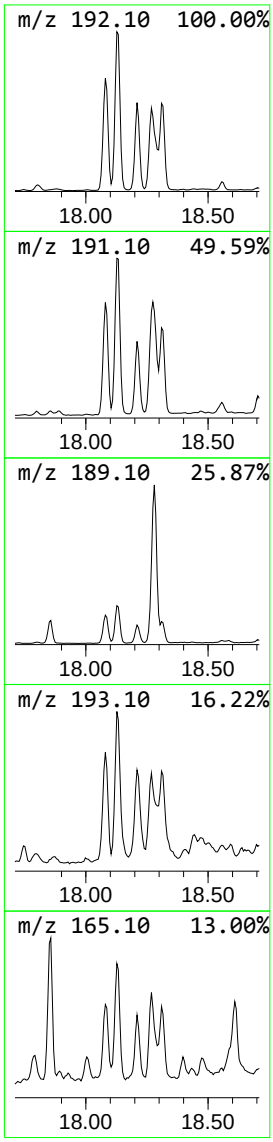
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.209	8.30 ng	1361620	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95





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Data File : BM037435.D
Acq On : 09 Nov 2022 13:30
Operator : CG/JU
Sample : N5436-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-03

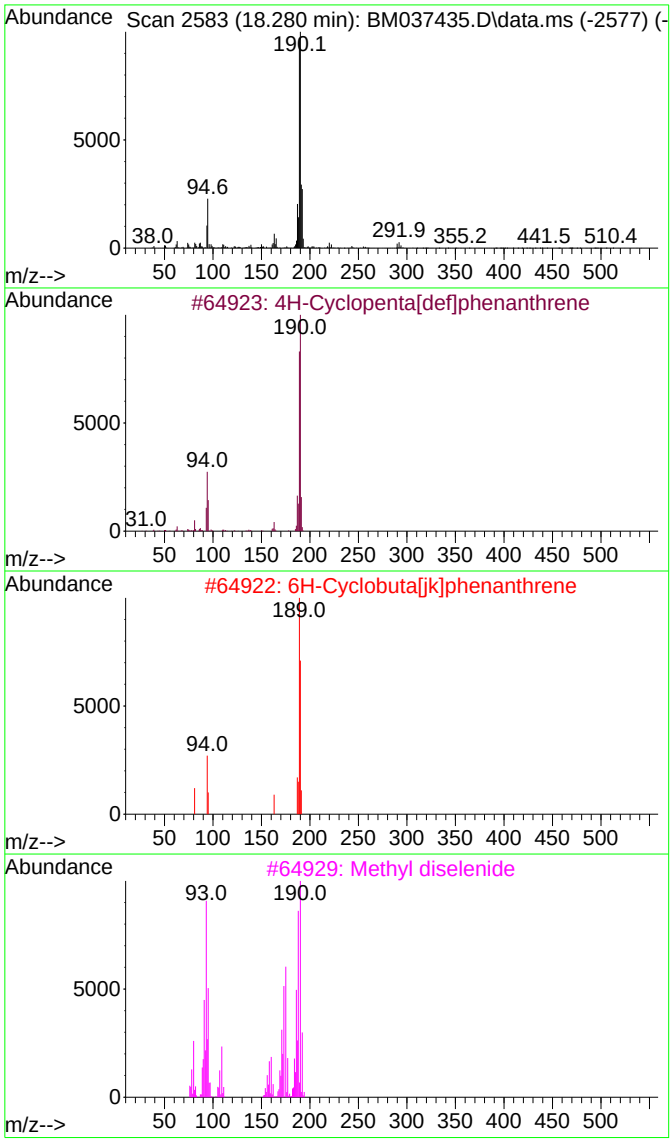
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

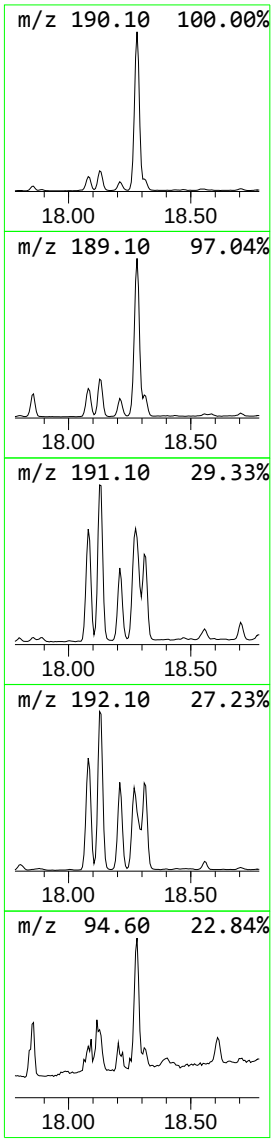
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	33.77 ng	5539020	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Methyl diselenide	190	C2H6Se2	007101-31-7	53
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Operator : CG/JU
Sample : N5436-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-03

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

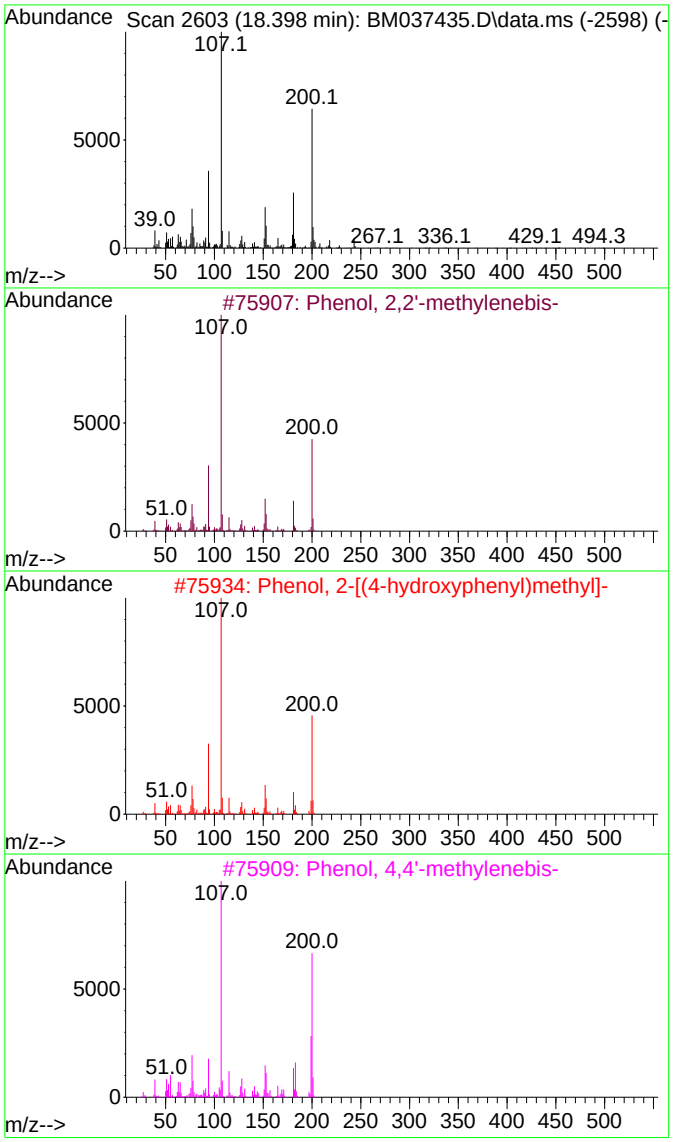
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

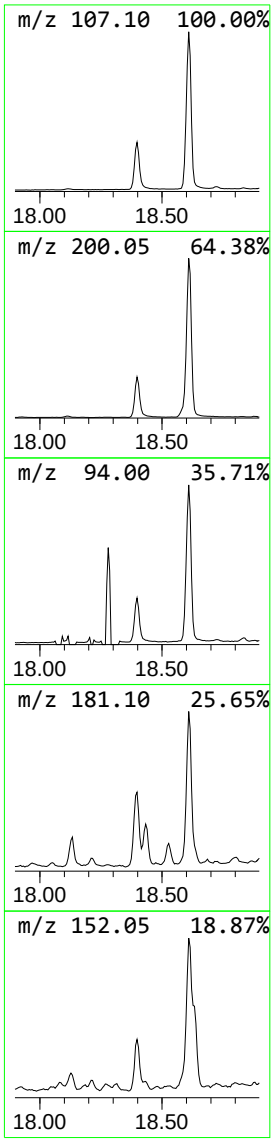
****

Peak Number 9 Phenol, 2,2'-methylenebis- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.398	15.85 ng	2599690	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	91
3	Phenol, 4,4'-methylenebis-	200	C13H12O2	000620-92-8	74
4	4-(n-Butoxyphenyl)acetic acid	208	C12H16O3	004547-57-3	41
5	Benzeneacetic acid, 4-hydroxy-	152	C8H8O3	000156-38-7	38





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Acq On : 09 Nov 2022 13:30
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Sample : N5436-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-03

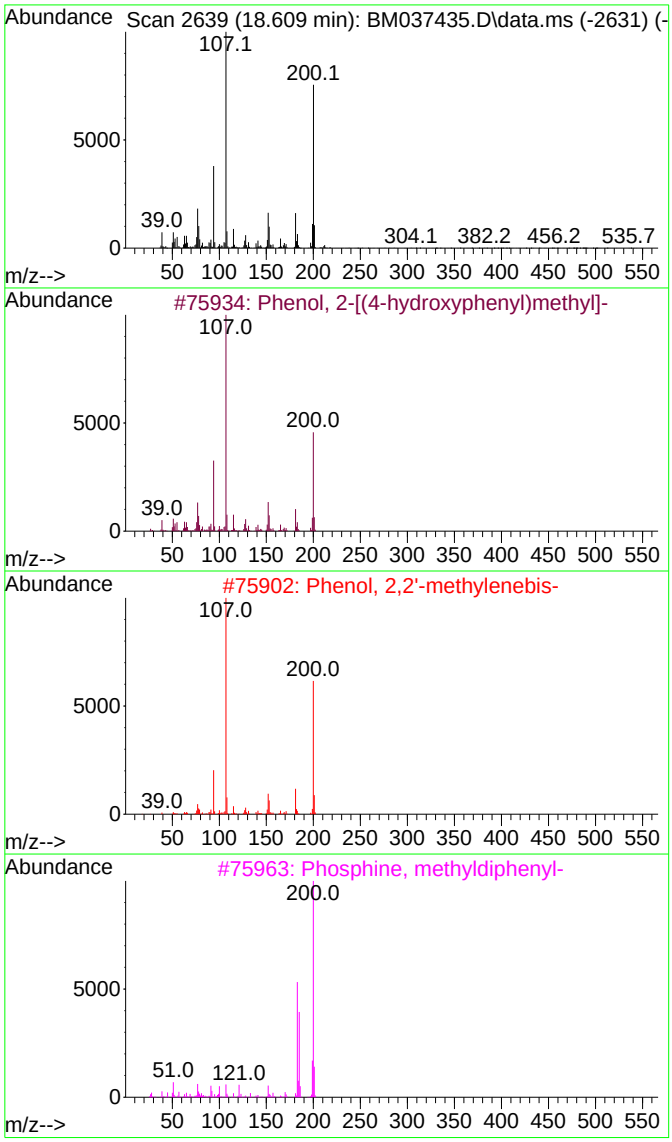
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

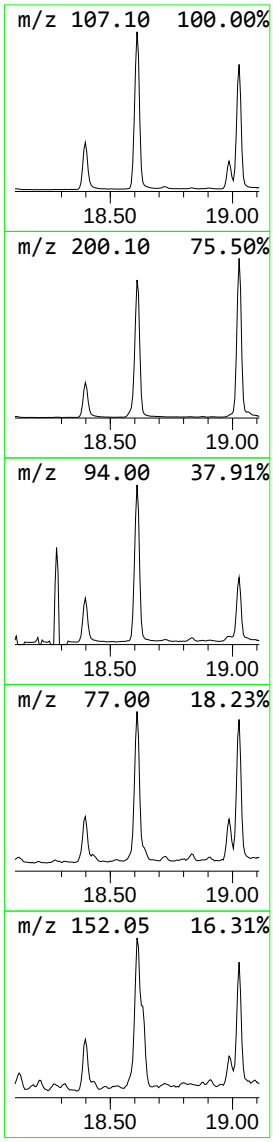
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenol, 2-[(4-hydroxyphenyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.609	64.42 ng	10567300	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	Phosphine, methyldiphenyl-	200	C13H13P	001486-28-8	47
4	Thiazolo[4,5-f]quinoline, 2-methyl-	200	C11H8N2S	038463-33-1	35
5	Benzeneacetic acid, 4-hydroxy-	152	C8H8O3	000156-38-7	30





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Sample : N5436-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-03

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

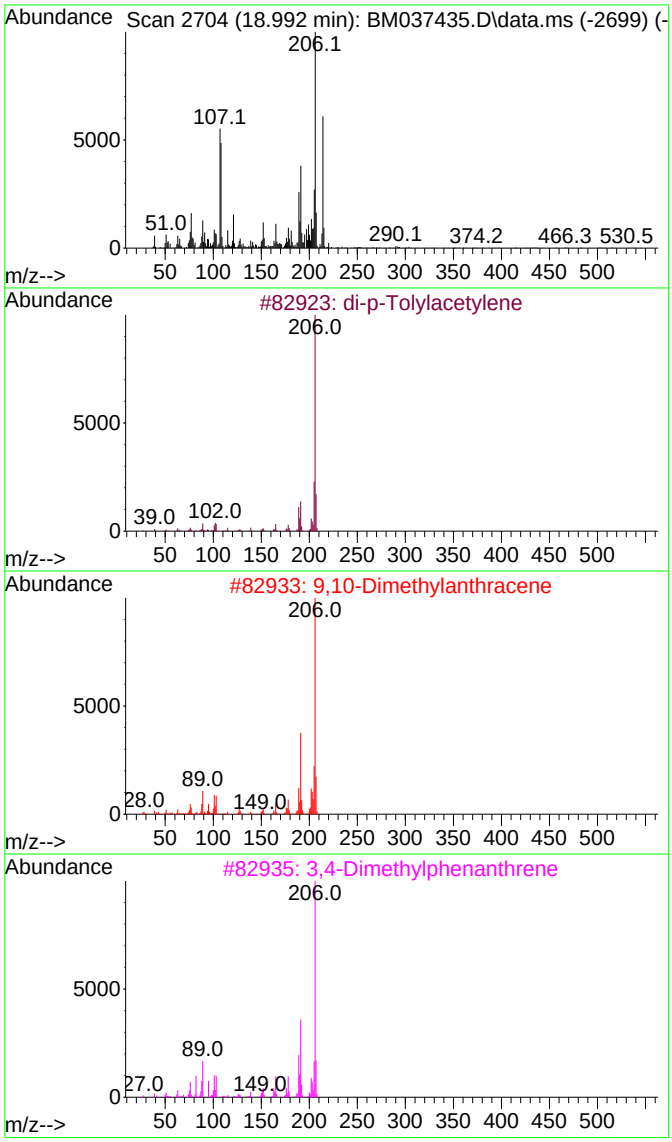
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

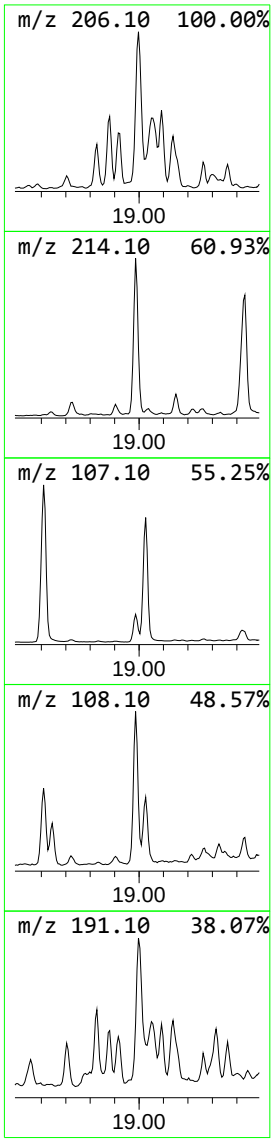
****

Peak Number 11 di-p-Tolylacetylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	20.78 ng	3408660	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	89
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





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Acq On : 09 Nov 2022 13:30
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Sample : N5436-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-03

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

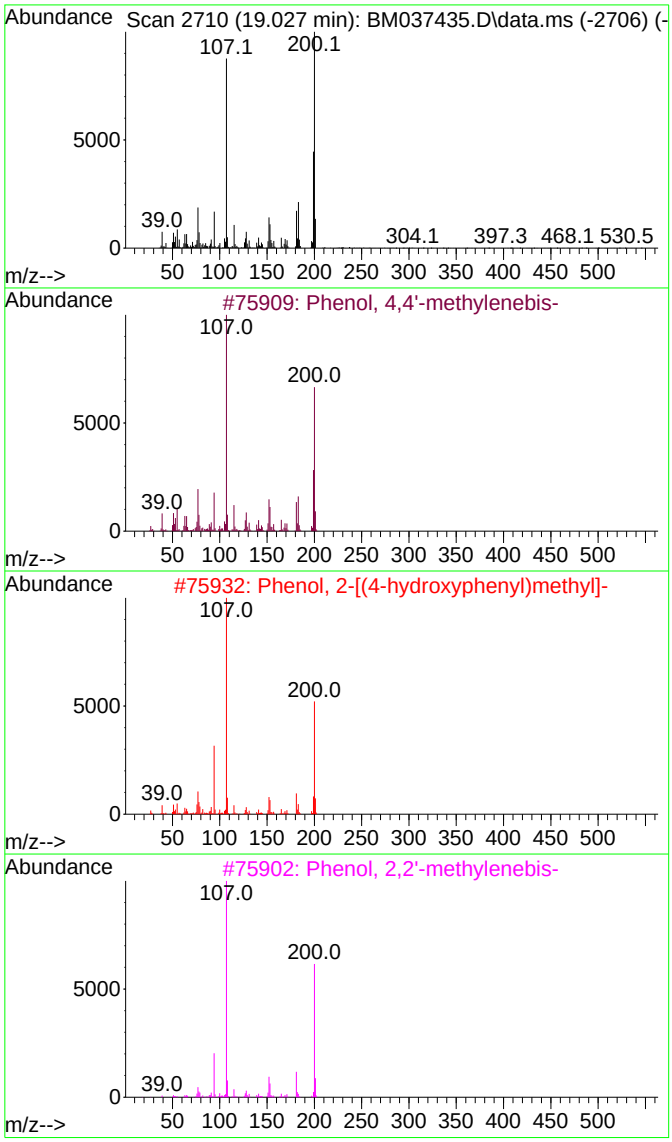
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

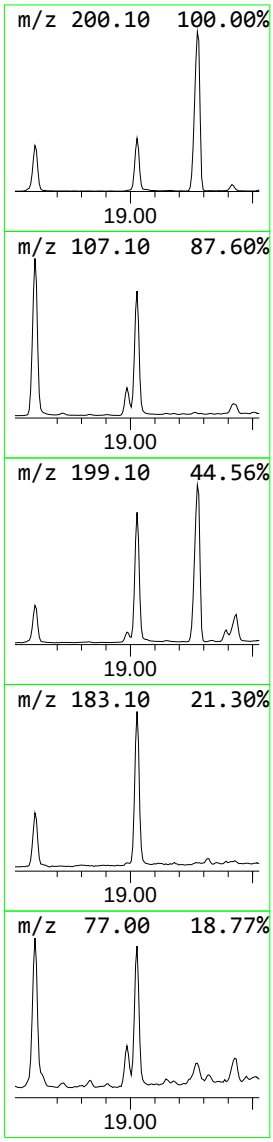
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.027	52.08 ng	8543910	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	81
4	1,3-Benzenediol, 4-(phenylmethyl)-	200	C13H12O2	002284-30-2	49
5	4-Phenoxybenzylalcohol	200	C13H12O2	1000433-81-4	46





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Operator : CG/JU
Sample : N5436-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
250FERRYBLVD-TFS-03

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

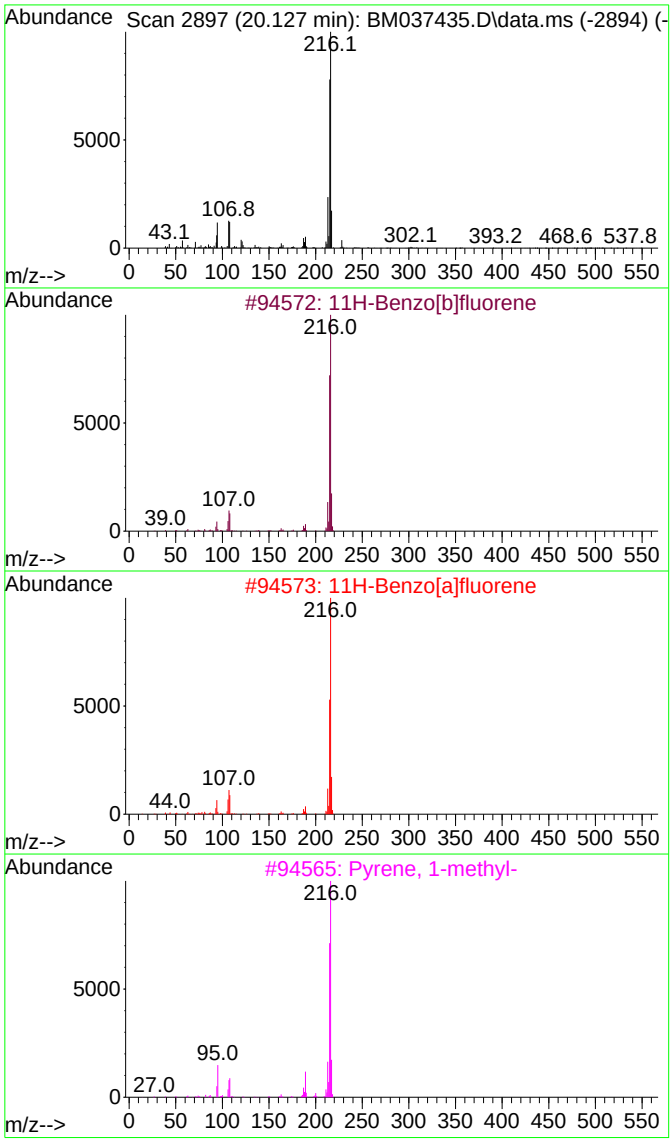
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

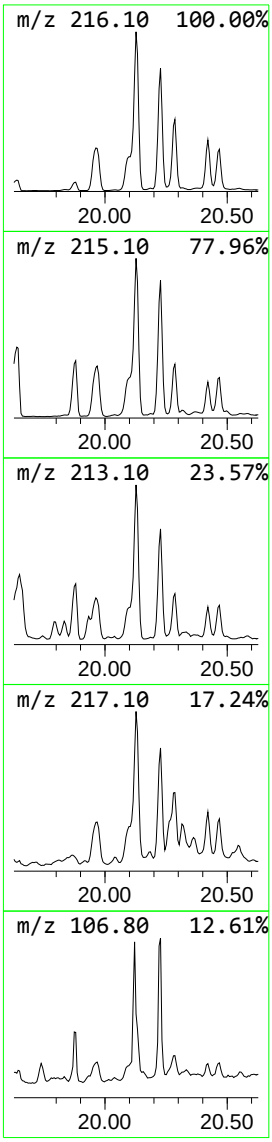
****

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.127	5.94 ng	8031610	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Sample : N5436-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-03

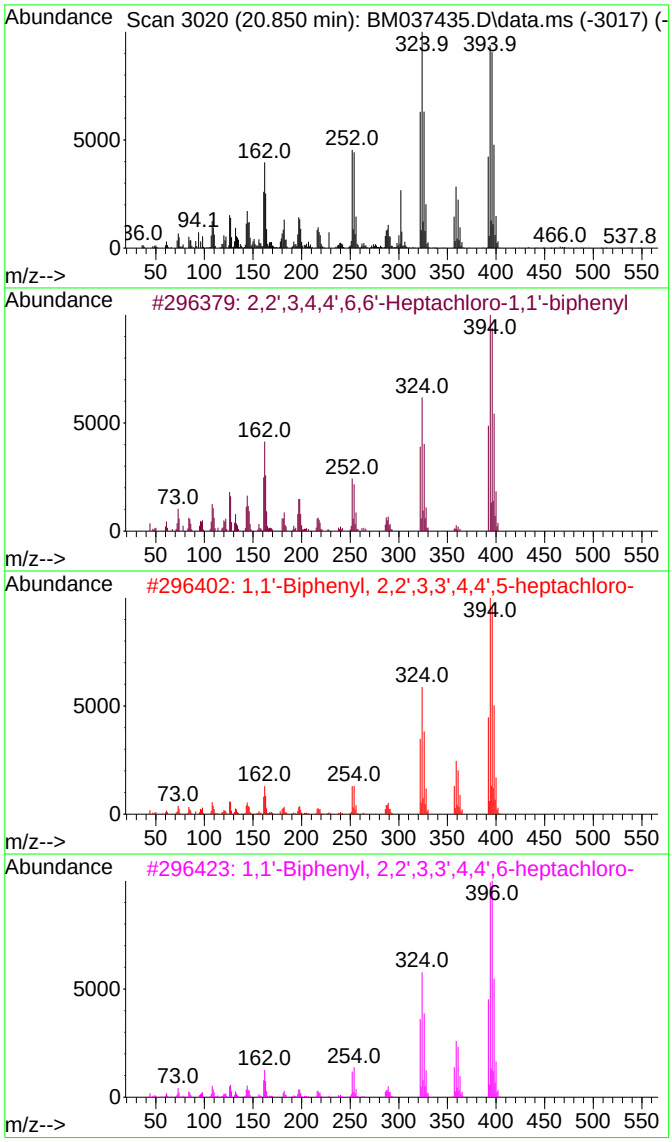
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

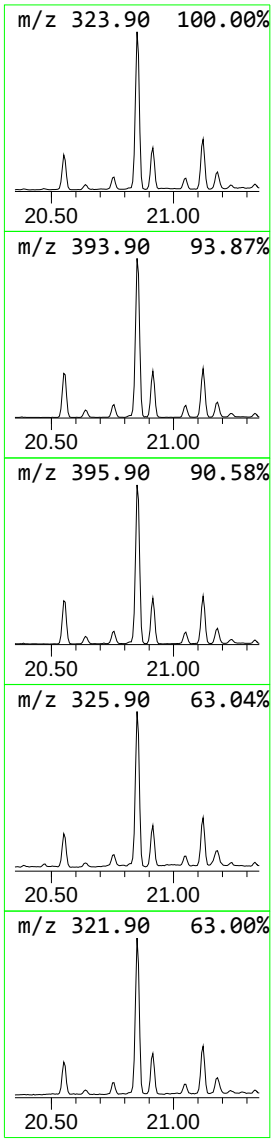
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2,2',3,4,4',6,6'-Heptachlor... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.850	6.67 ng	9023360	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	99
2	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
4	1,1'-Biphenyl, 2,2',3,3',5,6,6'-...	392	C12H3Cl7	052663-64-6	99
5	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99





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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
250FERRYBLVD-TFS-03

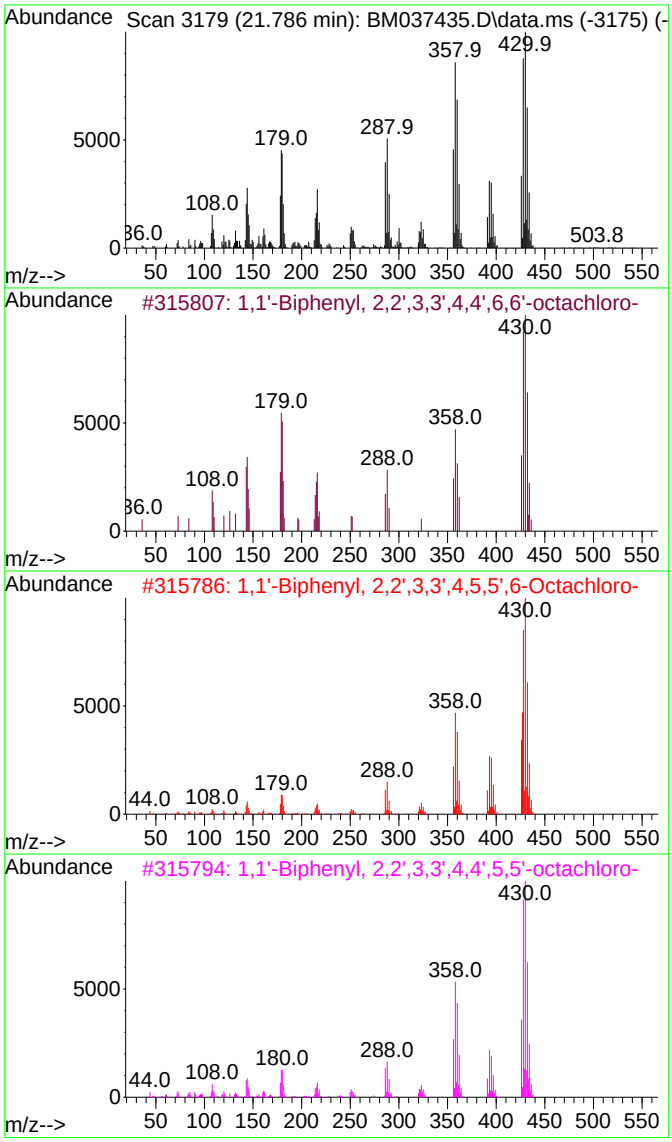
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

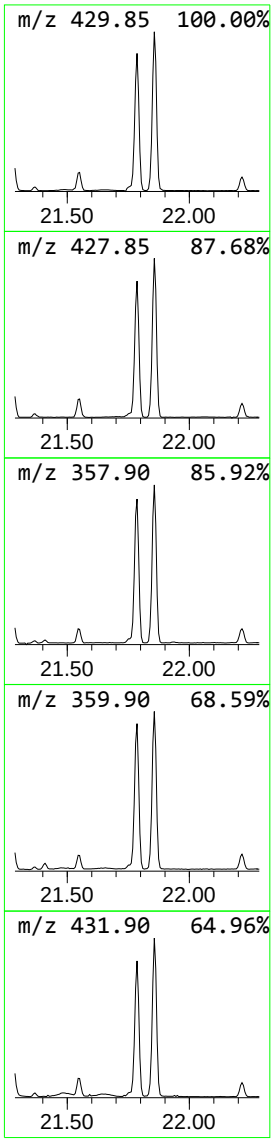
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.786	7.82 ng	10583400	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',4,5,5',...	426	C12H2Cl8	068194-17-2	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	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',4,4',5,...	426	C12H2Cl8	042740-50-1	99





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Sample : N5436-03
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-03

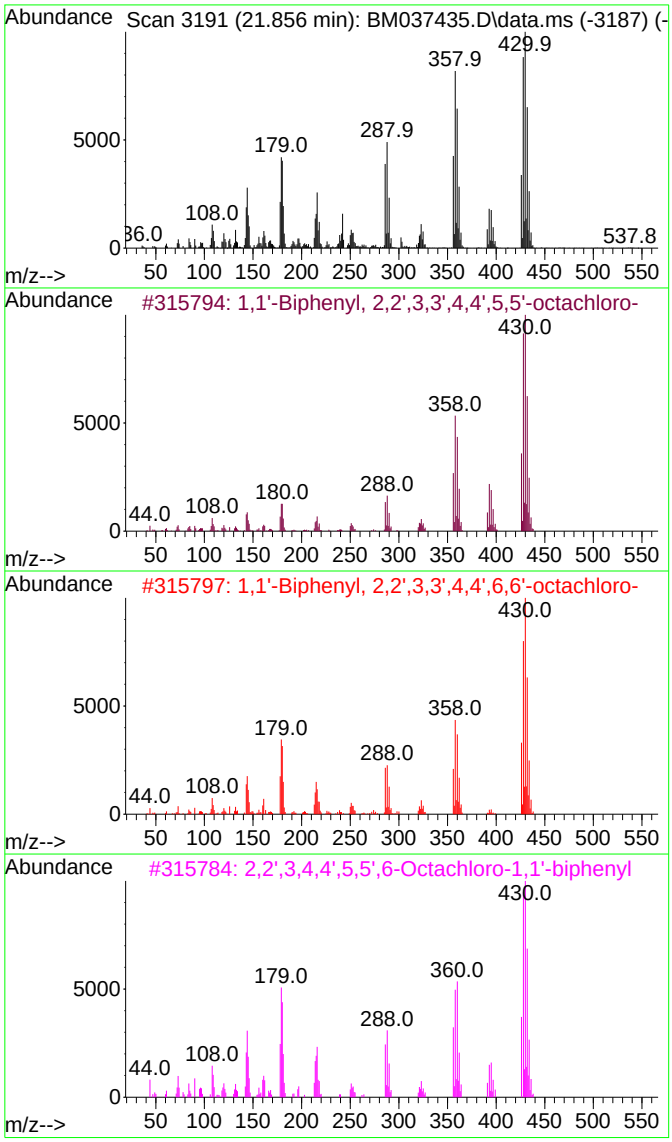
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

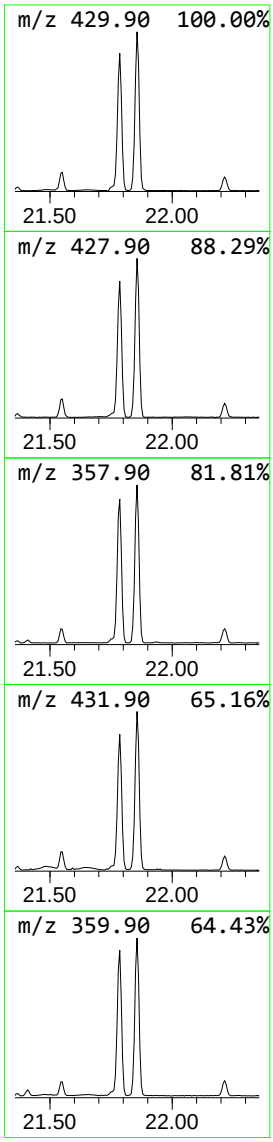
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.856	8.57 ng	11589500	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',4,4',6,...	426	C12H2Cl8	033091-17-7	99
3	2,2',3,4,4',5,5',6-Octachloro-1,...	426	C12H2Cl8	052663-76-0	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	042740-50-1	99
5	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99





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Sample : N5436-03
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ALS Vial : 4 Sample Multiplier: 1

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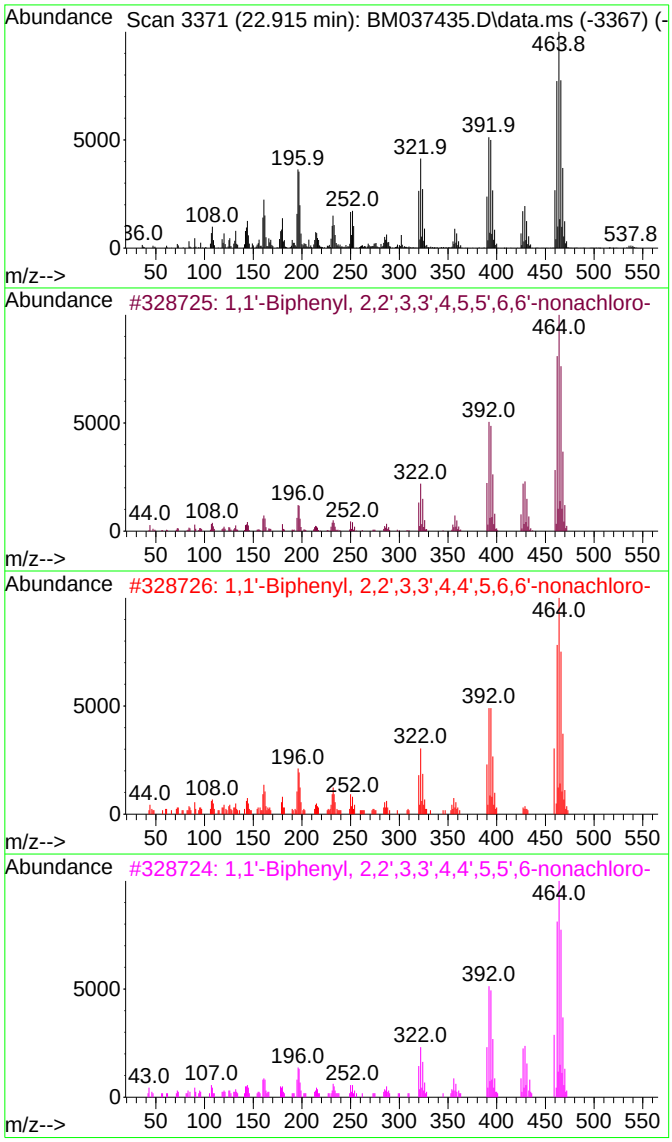
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

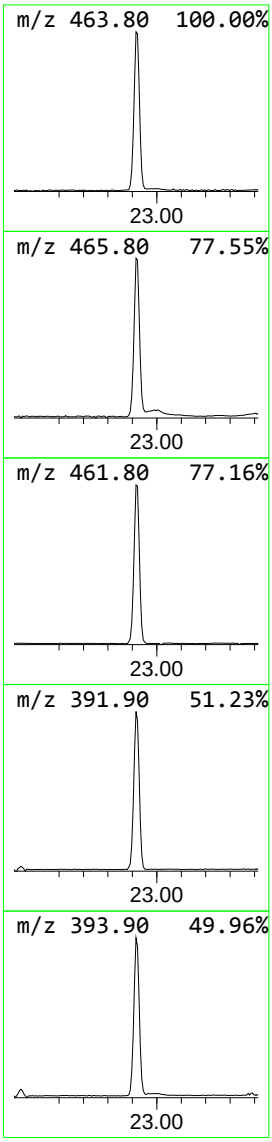
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.915	9.91 ng	8890880	Perylene-d12	23.738

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	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	460	C12HCl9	040186-72-9	96
4	Spiro[benzofuran-2(3H),1'-[2,5]c...	462	C14H9Br3O3	052498-93-8	35
5	l-Allylglycine, N-pentadecafluor...	539	C15H12F15NO3	1010325-30-3	10





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ALS Vial : 4 Sample Multiplier: 1

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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

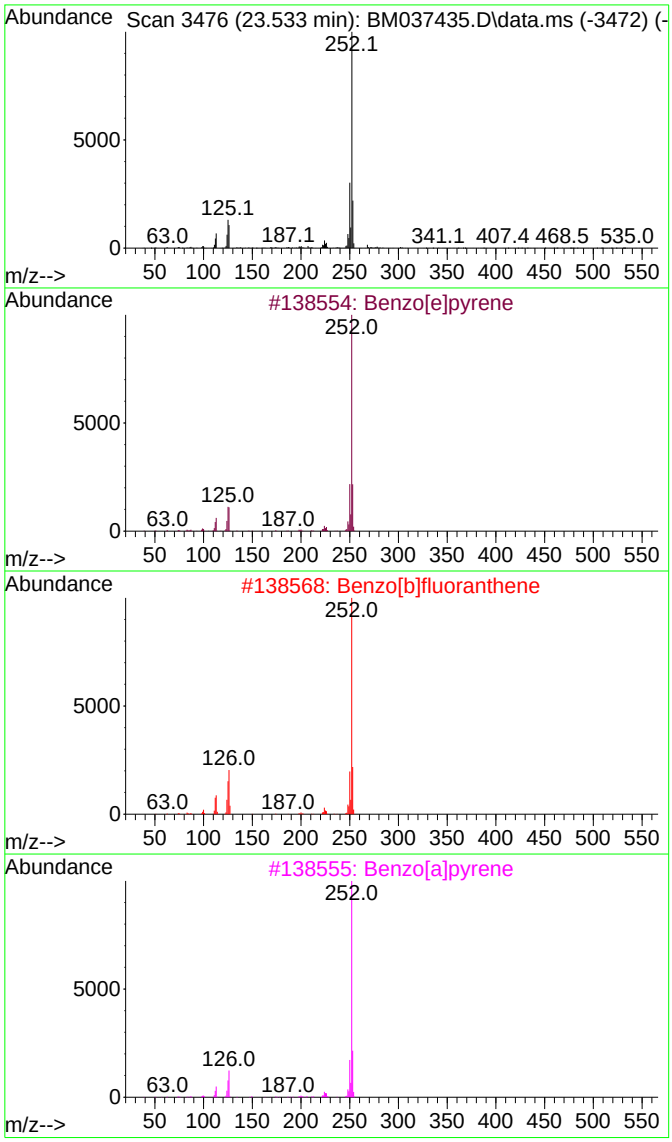
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

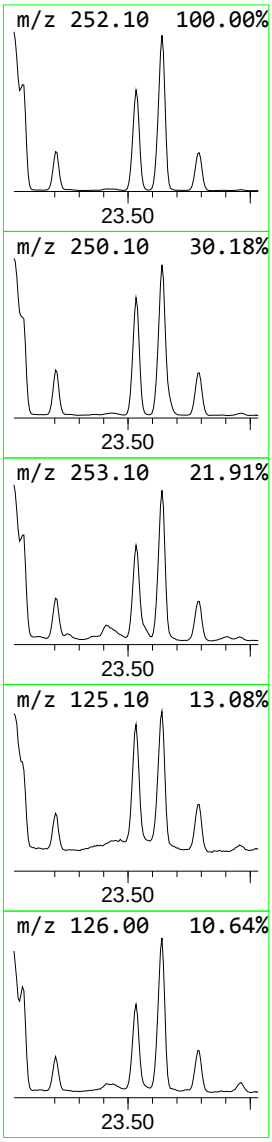
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.533	9.76 ng	8761800	Perylene-d12	23.738

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037435.D
Acq On : 09 Nov 2022 13:30
Operator : CG/JU
Sample : N5436-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-03

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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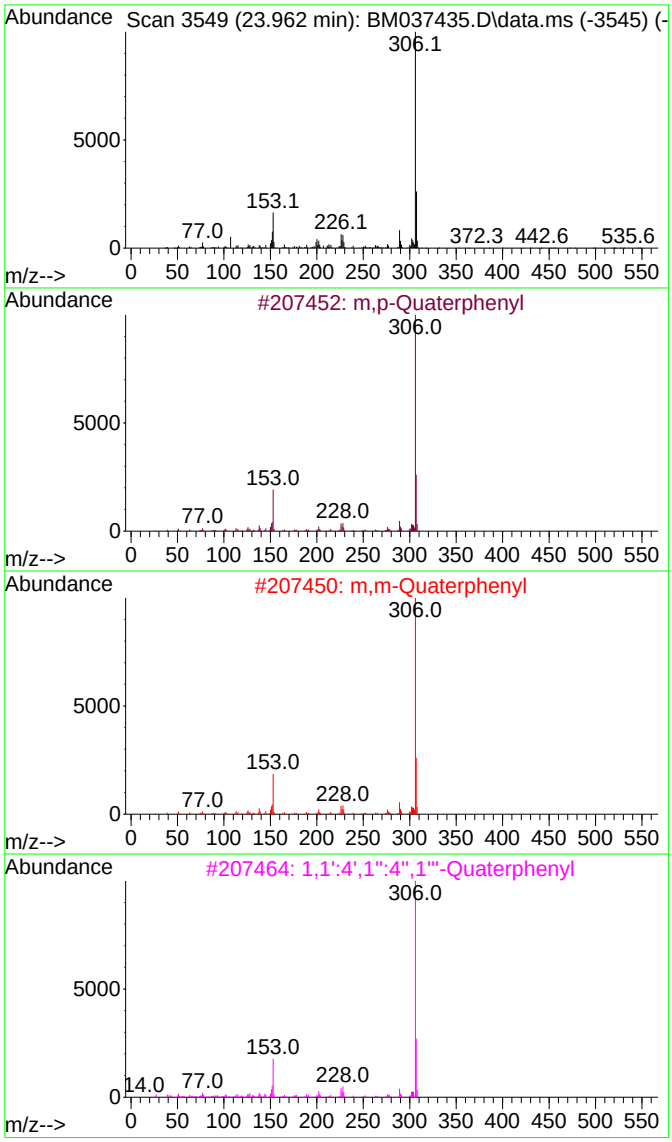
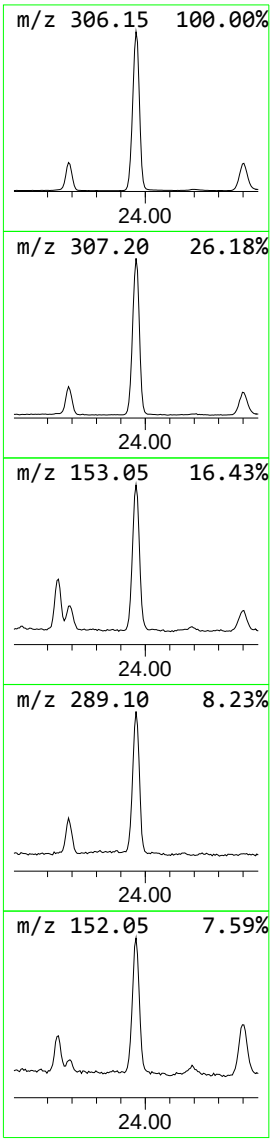
Peak Number 19 m,p-Quaterphenyl Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.962	8.16 ng	7327630	Perylene-d12	23.738

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m,p-Quaterphenyl	306	C24H18	001166-19-4	99
2	m,m-Quaterphenyl	306	C24H18	001166-18-3	99
3	1,1':4',1'':4'',1'''-Quaterphenyl	306	C24H18	000135-70-6	98
4	1,1':3',1''-Terphenyl, 5'-phenyl-	306	C24H18	000612-71-5	95
5	Dibenzo[def,mno]chrysene-6,12-dione	306	C22H10O2	000641-13-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037435.D
Acq On : 09 Nov 2022 13:30
Operator : CG/JU
Sample : N5436-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-03

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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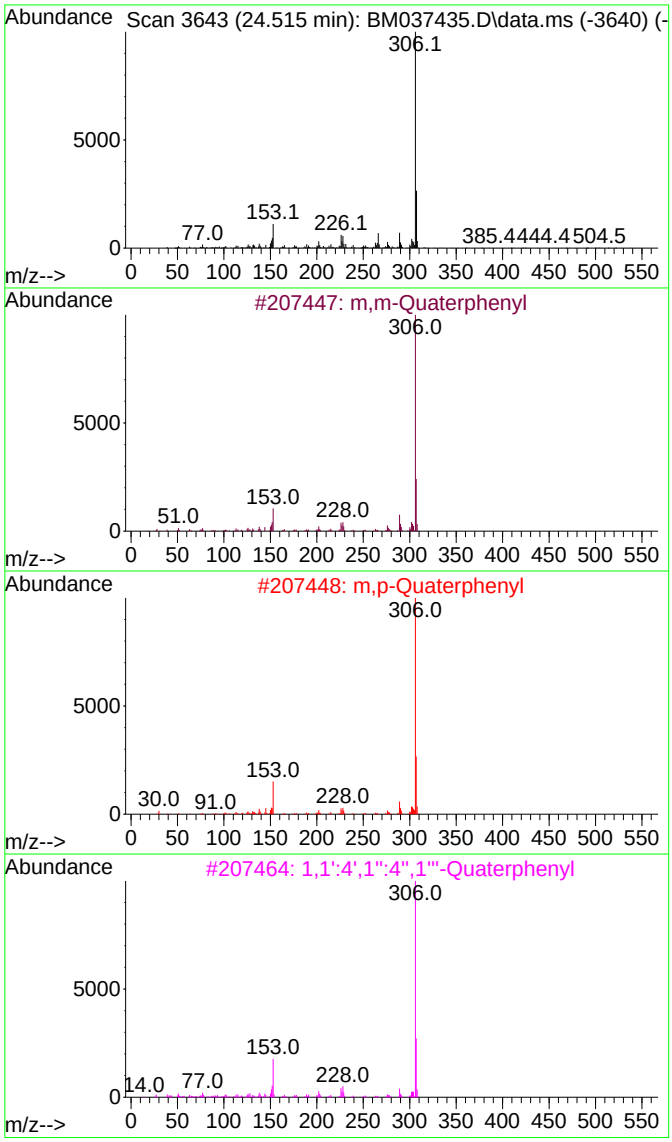
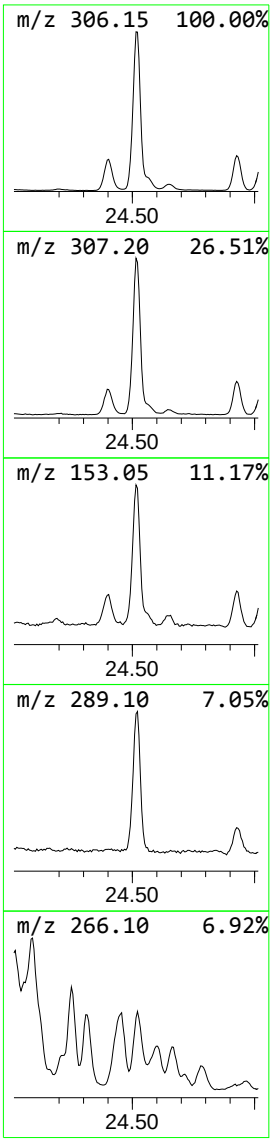
Peak Number 20 m,m-Quaterphenyl Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.515	5.73 ng	5141950	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	97
3	1,1':4',1'':4'',1'''-Quaterphenyl	306	C24H18	000135-70-6	94
4	1,1':3',1''-Terphenyl, 5'-phenyl-	306	C24H18	000612-71-5	91
5	2-(Naphthalen-1-yl)-3-(2-phenyle...	306	C22H14N2	1000486-91-5	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037435.D
Acq On : 09 Nov 2022 13:30
Operator : CG/JU
Sample : N5436-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-03

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	20.3	ng	1527060	1	7.822	1504440	20.0
Phenol, 4-ethyl-	10.057	14.5	ng	1372480	2	10.622	1898210	20.0
1,1'-Biphenyl, ...	15.710	7.1	ng	1087970	3	14.463	3050610	20.0
1,1'-Biphenyl, ...	17.804	6.0	ng	980678	4	17.204	3280920	20.0
o-Terphenyl	17.857	104.1	ng	17080400	4	17.204	3280920	20.0
n-Hexadecanoic ...	18.115	89.1	ng	14621600	4	17.204	3280920	20.0
1H-Cyclopropa[l...	18.209	8.3	ng	1361620	4	17.204	3280920	20.0
4H-Cyclopenta[d...	18.280	33.8	ng	5539020	4	17.204	3280920	20.0
Phenol, 2,2'-me...	18.398	15.9	ng	2599690	4	17.204	3280920	20.0
Phenol, 2-[(4-h...	18.609	64.4	ng	10567300	4	17.204	3280920	20.0
di-p-Tolylacety...	18.992	20.8	ng	3408660	4	17.204	3280920	20.0
Phenol, 4,4'-me...	19.027	52.1	ng	8543910	4	17.204	3280920	20.0
11H-Benzo[b]flu...	20.127	5.9	ng	8031610	5	21.392	27052100	20.0
2,2',3,4,4',6,6...	20.850	6.7	ng	9023360	5	21.392	27052100	20.0
1,1'-Biphenyl, ...	21.786	7.8	ng	10583400	5	21.392	27052100	20.0
1,1'-Biphenyl, ...	21.856	8.6	ng	11589500	5	21.392	27052100	20.0
1,1'-Biphenyl, ...	22.915	9.9	ng	8890880	6	23.738	17950100	20.0
Benzo[e]pyrene	23.533	9.8	ng	8761800	6	23.738	17950100	20.0
m,p-Quaterphenyl	23.962	8.2	ng	7327630	6	23.738	17950100	20.0
m,m-Quaterphenyl	24.515	5.7	ng	5141950	6	23.738	17950100	20.0