LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037429.D
Acq On : 08 Nov 2022 15:19
Operator : CG/JU
Sample : N5436-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-12

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: BM037429.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	310	315	321	rVB	2025834	2776823	4.07%	0.426%
2	5.404	387	394	399	rBV	7293977	10194781	14.93%	1.564%
3	5.457	399	403	418	rVB	632745	1281540	1.88%	0.197%
4	5.828	458	466	472	rVB2	485101	758119	1.11%	0.116%
5	7.016	662	668	679	rVB	7477586	12232394	17.91%	1.876%
6	7.434	734	739	742	rBV	545647	759703	1.11%	0.117%
7	7.469	742	745	751	rVB	571950	813501	1.19%	0.125%
8	7.828	802	806	815	rVB	1411313	2104913	3.08%	0.323%
9	8.463	908	914	920	rBV3	402803	718905	1.05%	0.110%
10	8.610	929	939	951	rBV	2083067	4236869	6.20%	0.650%
11	9.004	998	1006	1010	rBV	4948777	7998535	11.71%	1.227%
12	9.039	1010	1012	1018	rVB	784094	1036292	1.52%	0.159%
13	9.263	1043	1050	1065	rBV6	247277	715454	1.05%	0.110%
14	9.816	1136	1144	1155	rBV	4863745	8937802	13.09%	1.371%
15	10.069	1175	1187	1194	rBV2	2311868	5178136	7.58%	0.794%
16	10.139	1194	1199	1205	rVB3	472501	916179	1.34%	0.141%
17	10.628	1278	1282	1287	rVV	2019753	3469897	5.08%	0.532%
18	10.680	1287	1291	1297	rVB	2523326	3981031	5.83%	0.611%
19	10.780	1303	1308	1317	rVB3	801392	1572781	2.30%	0.241%
20	10.998	1338	1345	1357	rBV	511408	1024353	1.50%	0.157%
21	11.175	1369	1375	1381	rBV	667582	1096453	1.61%	0.168%
22	11.463	1414	1424	1429	rBV	1094113	1946827	2.85%	0.299%
23	12.292	1559	1565	1575	rBV	1096477	1696591	2.48%	0.260%
24	12.510	1597	1602	1608	rVB	605474	930780	1.36%	0.143%
25	12.845	1649	1659	1661	rBV6	335860	697540	1.02%	0.107%
26	12.880	1661	1665	1671	rVB	1049962	1520914	2.23%	0.233%
27	13.098	1695	1702	1708	rVB	12131785	17265682	25.29%	2.648%
28	13.304	1729	1737	1746	rVB2	833060	1738401	2.55%	0.267%
29	13.939	1838	1845	1851	rBV4	463831	1300889	1.91%	0.200%
30	14.192	1883	1888	1899	rVB	1025799	1573511	2.30%	0.241%
31	14.357	1912	1916	1923	rVB	517855	685039	1.00%	0.105%
32	14.468	1925	1935	1940	rBV	3008648	4663877	6.83%	0.715%
33	14.533	1940	1946	1953	rVB	1926837	2982901	4.37%	0.458%
34	14.863	1997	2002	2011	rBV	1295576	2176504	3.19%	0.334%
35	15.515	2107	2113	2124	rVB	1936098	3083665	4.52%	0.473%
36	15.715	2143	2147	2152	rBV4	1312452	1868515	2.74%	0.287%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037429.D
Acq On : 08 Nov 2022 15:19
Operator : CG/JU
Sample : N5436-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-12

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	15.810	2159	2163	2169	rBV2	474255	928230	1.36%	0.142%
38	15.957	2180	2188	2193	rBV	8378146	12330742	18.06%	1.891%
39	16.168	2220	2224	2225	rBV	985795	1155506	1.69%	0.177%
40	16.292	2241	2245	2251	rBV	567868	1069239	1.57%	0.164%
41	16.351	2252	2255	2261	rVB2	562765	942170	1.38%	0.145%
42	16.415	2262	2266	2269	rBV2	530647	727450	1.07%	0.112%
43	16.515	2278	2283	2288	rBV4	617859	1055360	1.55%	0.162%
44	16.615	2296	2300	2305	rBV4	504284	790504	1.16%	0.121%
45	16.957	2355	2358	2362	rVB	623097	757628	1.11%	0.116%
46	17.015	2364	2368	2377	rVB2	535674	1345597	1.97%	0.206%
47	17.209	2397	2401	2405	rBV	2604075	3867581	5.66%	0.593%
48	17.256	2405	2409	2416	rVB	7971902	10688310	15.65%	1.639%
49	17.345	2419	2424	2428	rBV	2167228	2734666	4.00%	0.419%
50	17.392	2428	2432	2440	rBV5	578430	1227945	1.80%	0.188%
51	17.621	2468	2471	2475	rVB	567943	721457	1.06%	0.111%
52	17.815	2498	2504	2507	rVV4	754829	1709027	2.50%	0.262%
53	17.862	2507	2512	2519	rVB	24003256	30935813	45.31%	4.745%
54	18.121	2547	2556	2565	rBV3	5558320	11405605	16.70%	1.749%
55	18.215	2569	2572	2578	rVB2	914328	1283128	1.88%	0.197%
56	18.286	2579	2584	2588	rBV3	2176578	3565119	5.22%	0.547%
57	18.398	2598	2603	2608	rBV2	2737727	4234117	6.20%	0.649%
58	18.615	2632	2640	2644	rBV2	8694547	13102793	19.19%	2.010%
59	18.992	2700	2704	2707	rBV2	2586907	4025854	5.90%	0.618%
60	19.033	2707	2711	2719	rVB	9348262	13062242	19.13%	2.004%
61	19.274	2745	2752	2756	rBV	16773611	24711618	36.19%	3.790%
62	19.321	2757	2760	2765	rVB	6380965	8024106	11.75%	1.231%
63	19.392	2769	2772	2775	rBV	4623893	6176257	9.05%	0.947%
64	19.639	2804	2814	2816	rBV	36682030	68282578	100.00%	10.474%
65	19.839	2844	2848	2851	rBV	10707222	14294263	20.93%	2.193%
66	19.886	2851	2856	2860	rVB2	33465891	52563728	76.98%	8.063%
67	20.133	2892	2898	2902	rVB2	3226287	5993911	8.78%	0.919%
68	20.227	2911	2914	2918	rBV2	1811201	2238309	3.28%	0.343%
69	20.274	2918	2922	2927	rBV2	4417511	5938831	8.70%	0.911%
70	20.392	2939	2942	2945	rVB2	2956944	3401636	4.98%	0.522%
71	20.556	2966	2970	2976	rBV2	3832342	5043006	7.39%	0.774%
72	20.856	3017	3021	3026	rVV2	8691805	10476691	15.34%	1.607%
73	20.921	3029	3032	3036	rVB3	2527985	2929042	4.29%	0.449%
74	21.015	3044	3048	3051	rBV	5403957	7808004	11.43%	1.198%
75	21.103	3057	3063	3072	rVB2	10672209	24081398	35.27%	3.694%
76	21.192	3072	3078	3083	rVB2	3840119	7747606	11.35%	1.188%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037429.D
Acq On : 08 Nov 2022 15:19
Operator : CG/JU
Sample : N5436-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-12

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

77	21.286	3091	3094	3099	rBV3	1587313	2012646	2.95%	0.309%
78	21.380	3106	3110	3112	rBV	6936820	10700270	15.67%	1.641%
79	21.409	3112	3115	3123	rVB2	13512779	24827162	36.36%	3.808%
80	21.792	3175	3180	3187	rVB	11221341	15518904	22.73%	2.380%
81	21.862	3187	3192	3195	rBV	11958233	17042109	24.96%	2.614%
82	22.450	3287	3292	3298	rBV2	6541194	9770212	14.31%	1.499%
83	22.921	3367	3372	3380	rVB	8601366	13197077	19.33%	2.024%
84	23.027	3387	3390	3403	rVB	4455424	13787327	20.19%	2.115%
85	23.533	3472	3476	3485	rVB	2461674	4441971	6.51%	0.681%
86	23.633	3489	3493	3498	rBV	3770522	6839908	10.02%	1.049%
87	23.968	3544	3550	3556	rVB	5741296	11026077	16.15%	1.691%
88	24.403	3619	3624	3632	rVB	3165241	6621699	9.70%	1.016%
89	24.527	3639	3645	3660	rVB	4884409	12919111	18.92%	1.982%
90	25.044	3727	3733	3751	rVB	4787443	13928323	20.40%	2.136%

Sum of corrected areas: 651945960

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
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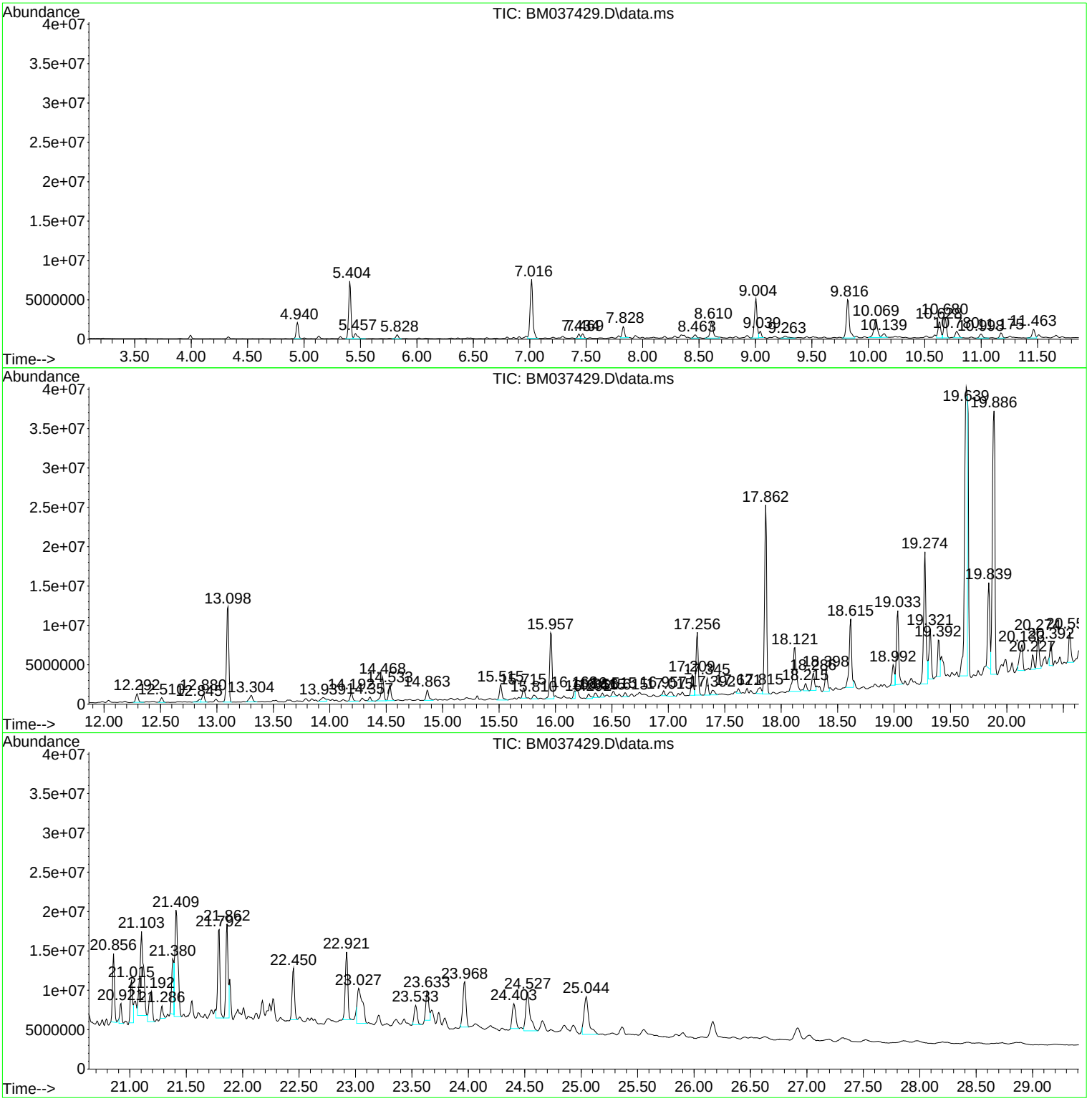
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-12

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 : BM037429.D
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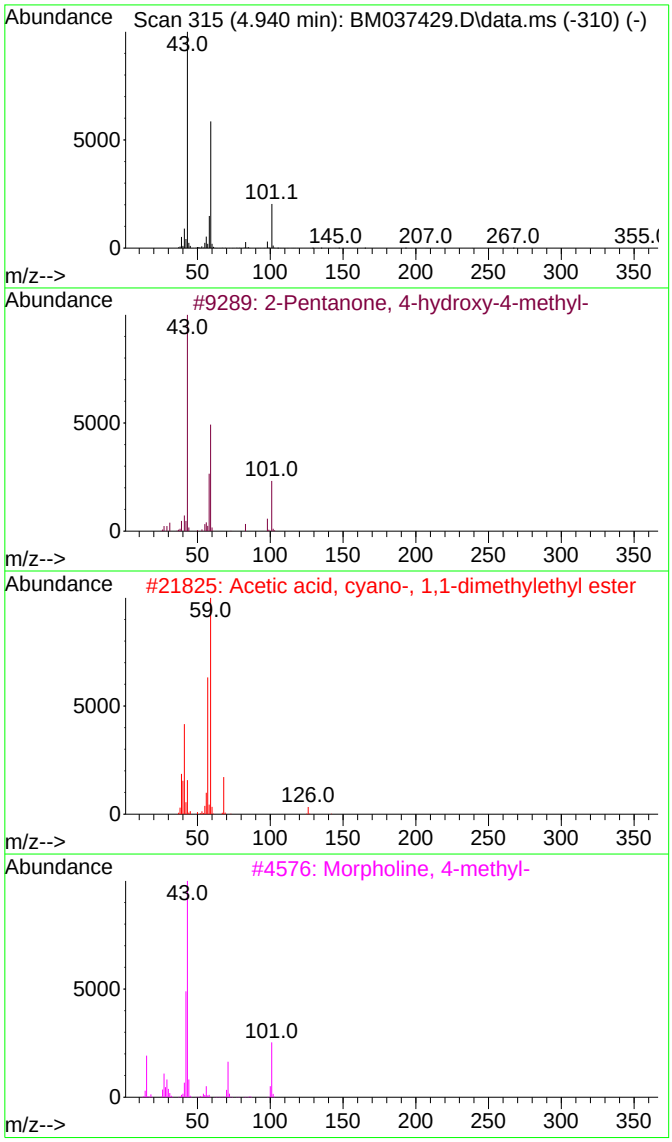
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

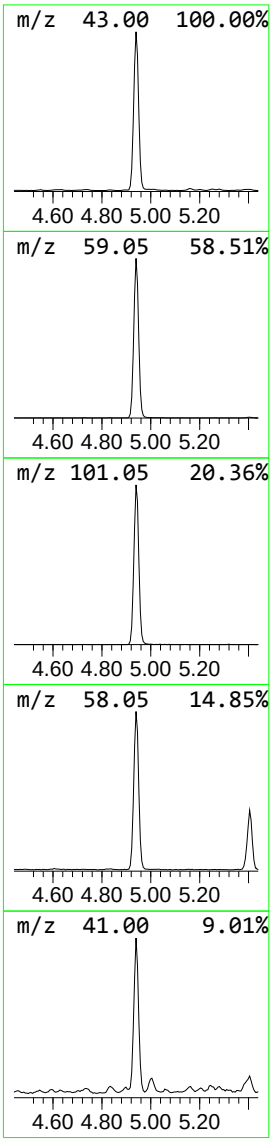
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.940	26.38 ng	2776820	1,4-Dichlorobenzene-d4	7.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037429.D
Acq On : 08 Nov 2022 15:19
Operator : CG/JU
Sample : N5436-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-12

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

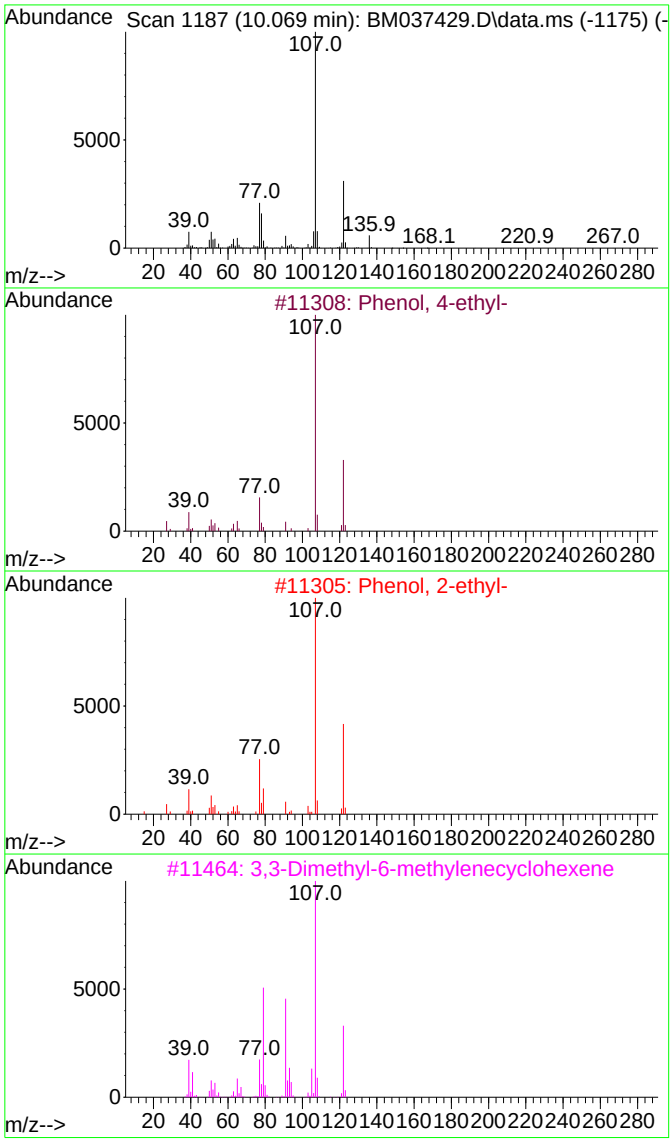
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

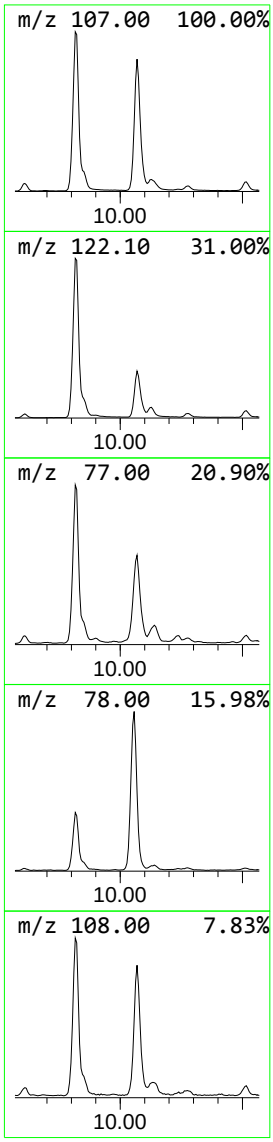
****

Peak Number 2 Phenol, 4-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.069	29.85 ng	5178140	Naphthalene-d8	10.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	93
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87
3	3,3-Dimethyl-6-methylenecyclohexene	122	C9H14	020185-16-4	72
4	Phenol, 2-propyl-	136	C9H12O	000644-35-9	68
5	Benzenemethanol, .alpha.-ethyl-	136	C9H12O	000093-54-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037429.D
Acq On : 08 Nov 2022 15:19
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Sample : N5436-12
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BNA_M
ClientSampleId :
250FERRYBLVD-TFS-12

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

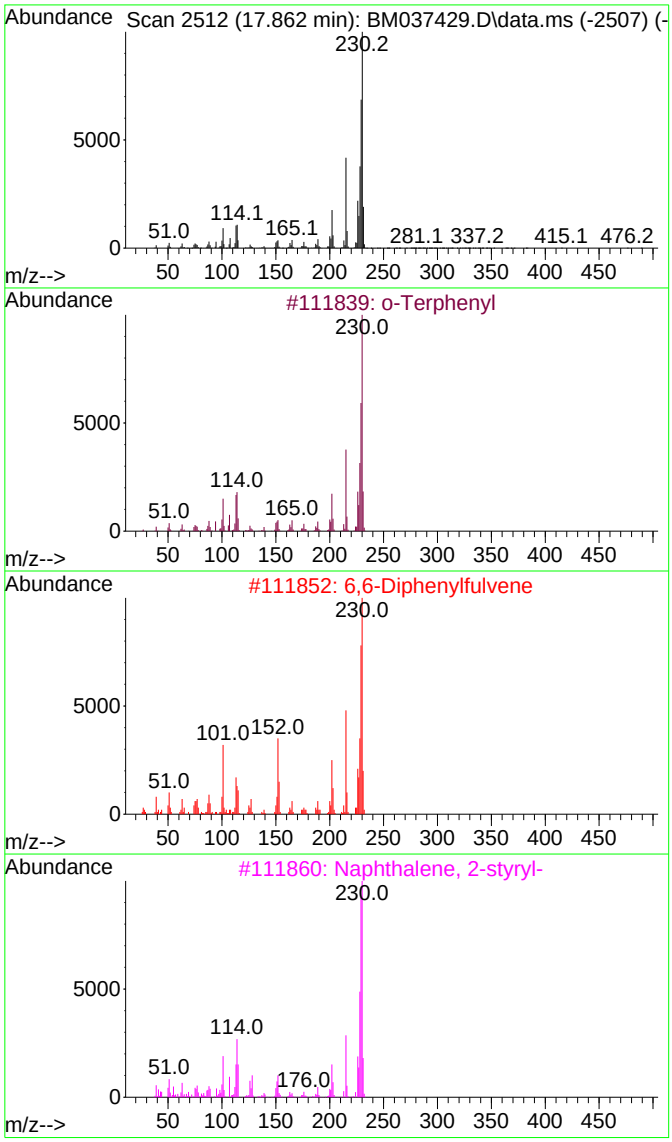
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

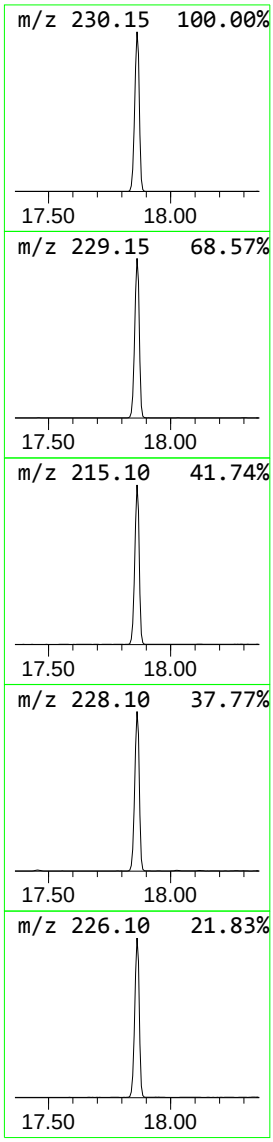
****

Peak Number 3 o-Terphenyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.862	159.97 ng	30935800	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	86
4	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	83
5	Naphthacene, 5,12-dihydro-	230	C18H14	000959-02-4	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

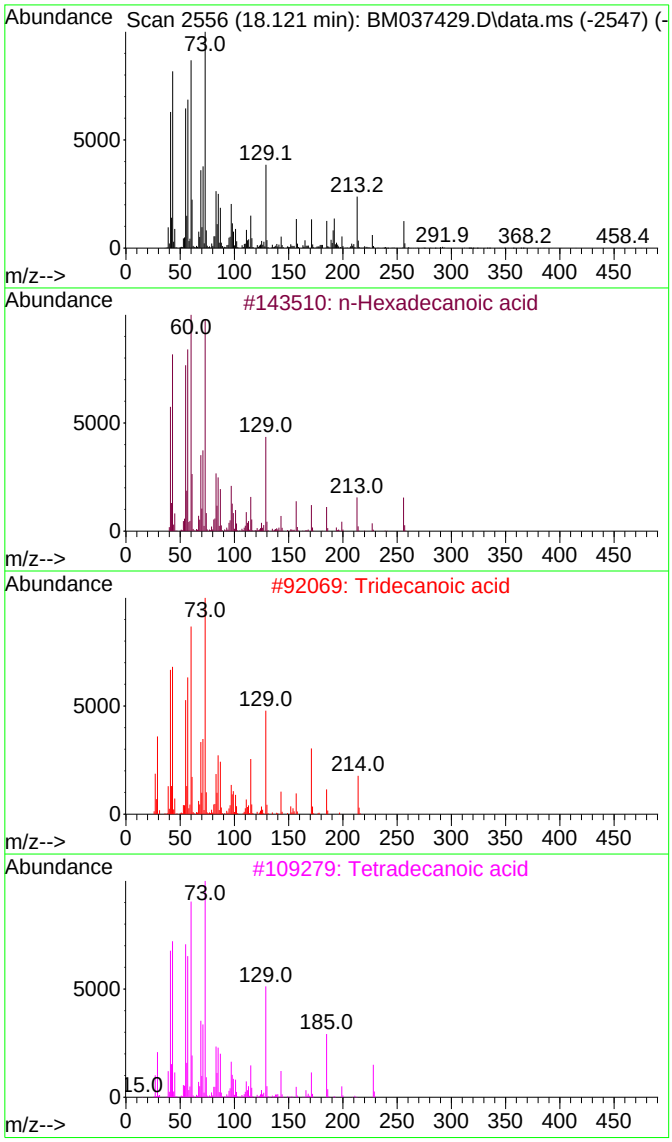
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

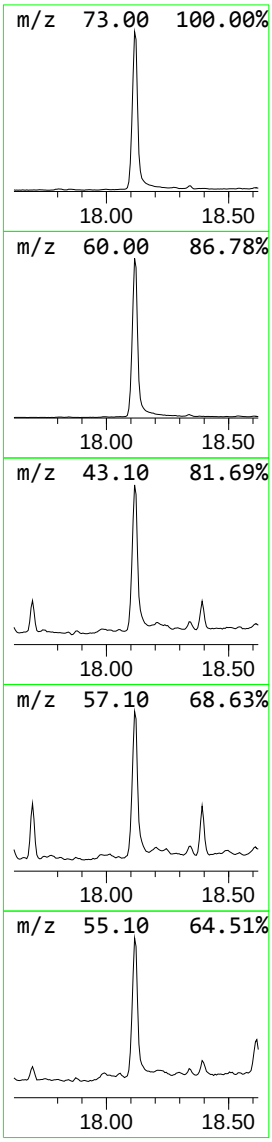
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	58.98 ng	11405600	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	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037429.D
Acq On : 08 Nov 2022 15:19
Operator : CG/JU
Sample : N5436-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-12

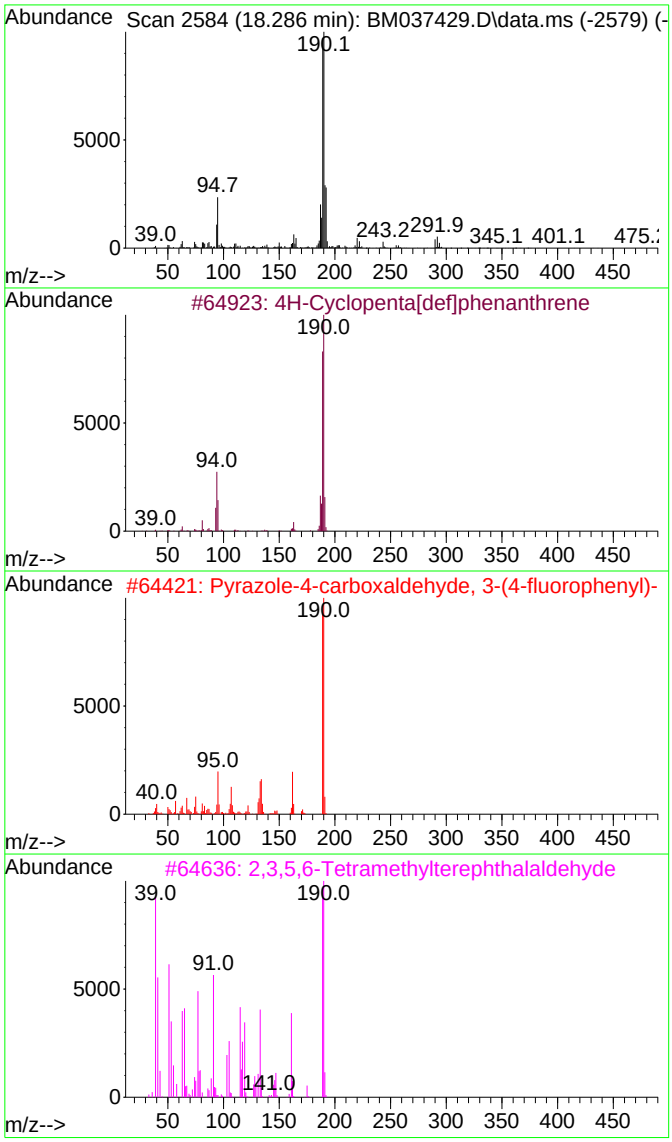
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

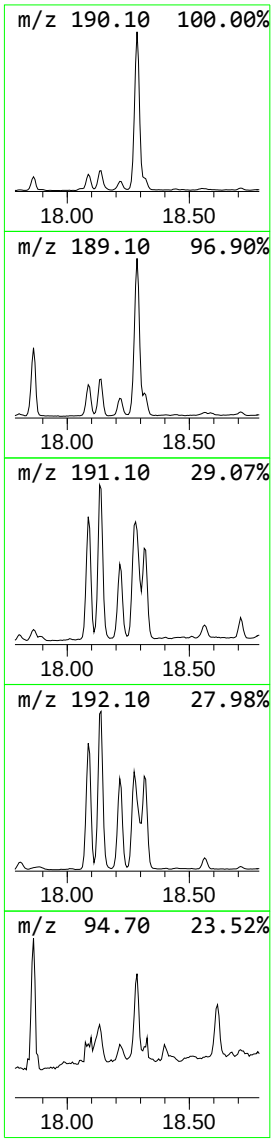
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	18.44 ng	3565120	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	58
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037429.D
Acq On : 08 Nov 2022 15:19
Operator : CG/JU
Sample : N5436-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-12

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

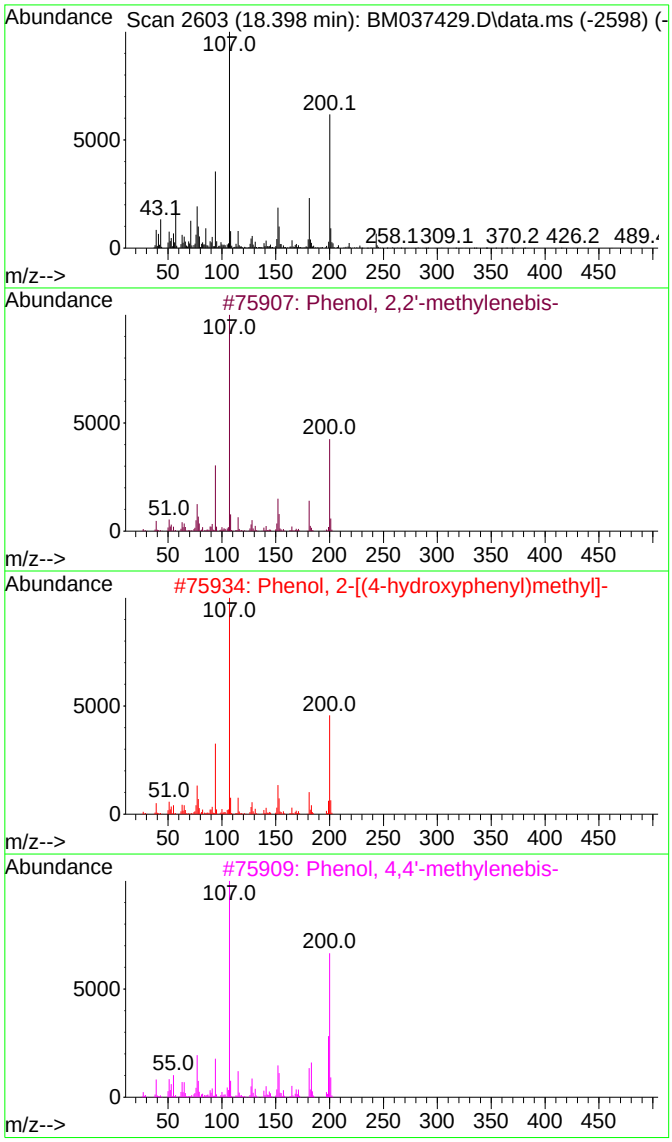
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

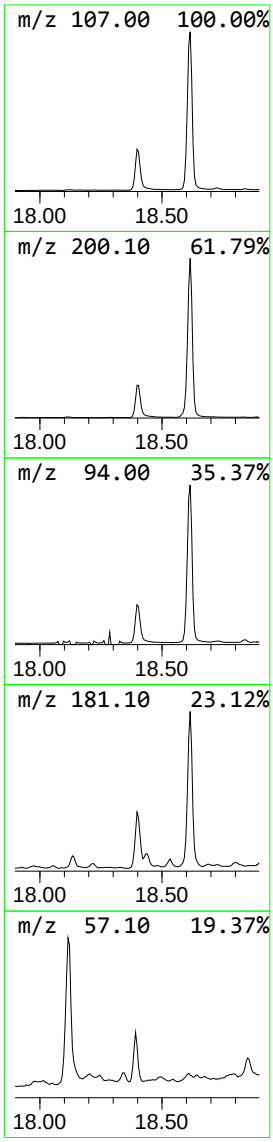
****

Peak Number 6 Phenol, 2,2'-methylenebis- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.398	21.90 ng	4234120	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	83
4	4-(2-Methoxyethyl)phenol	152	C9H12O2	056718-71-9	43
5	Benzeneacetic acid, 4-hydroxy-	152	C8H8O3	000156-38-7	43





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Operator : CG/JU
Sample : N5436-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-12

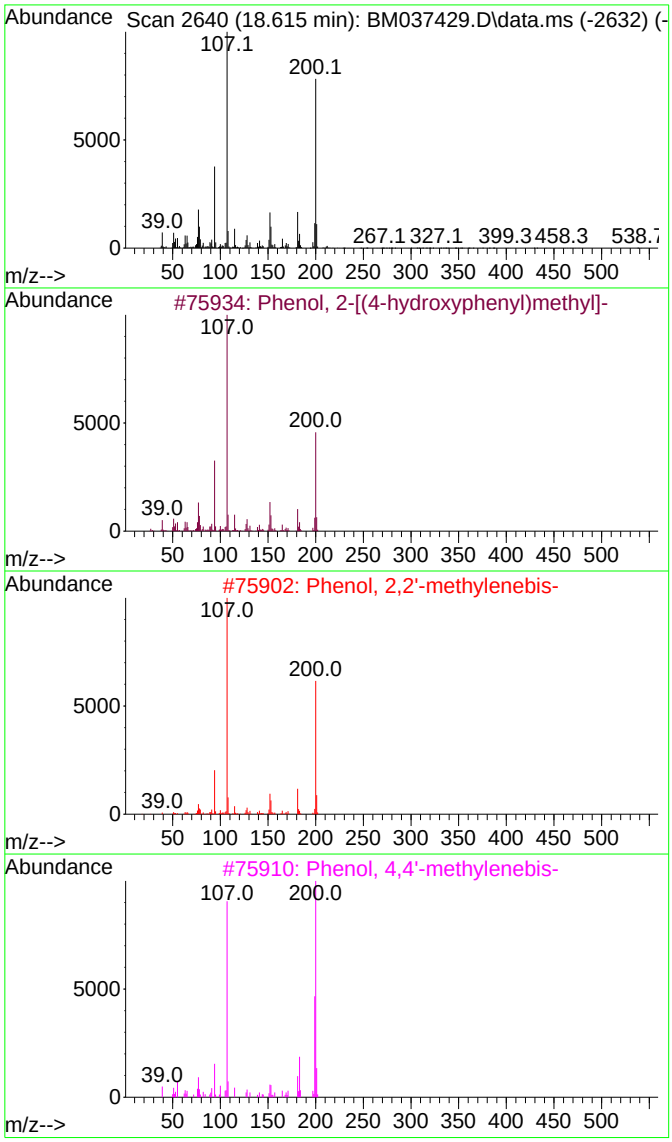
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

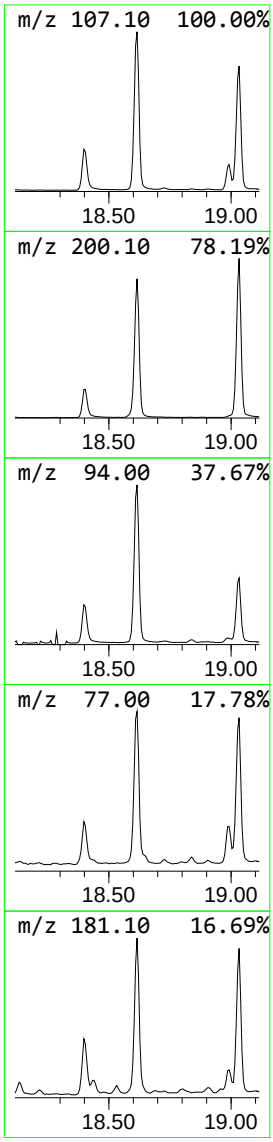
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenol, 2-[(4-hydroxyphenyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.615	67.76 ng	13102800	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	72
4	1,3-Benzenediol, 4-(phenylmethyl)-	200	C13H12O2	002284-30-2	50
5	Phosphine, methyldiphenyl-	200	C13H13P	001486-28-8	47





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-12

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

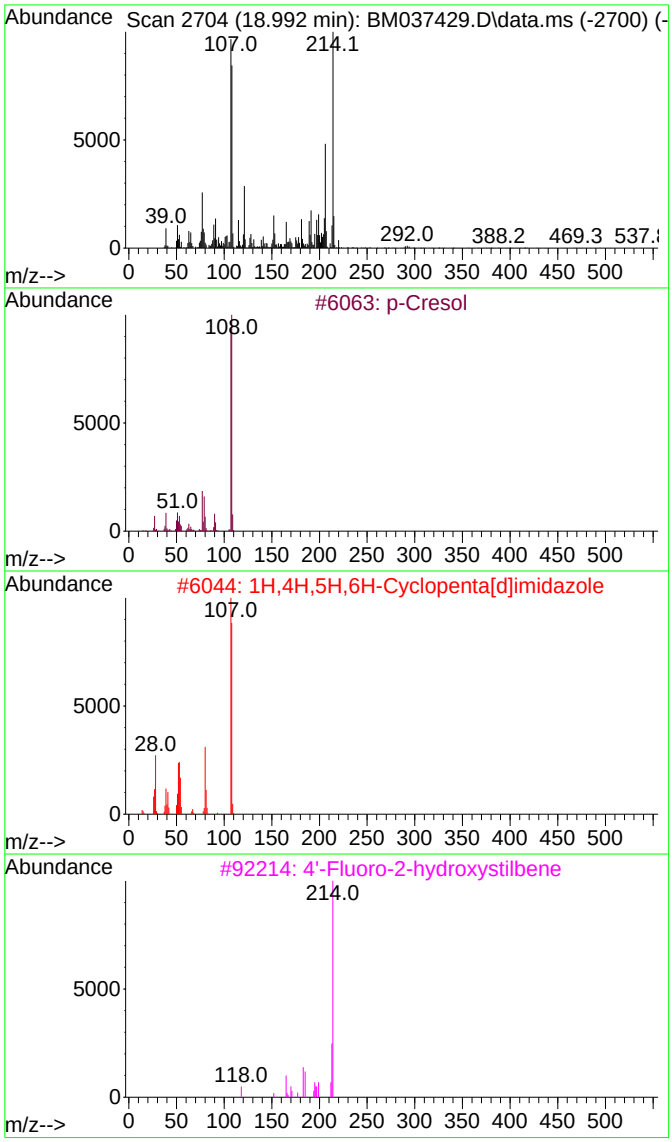
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

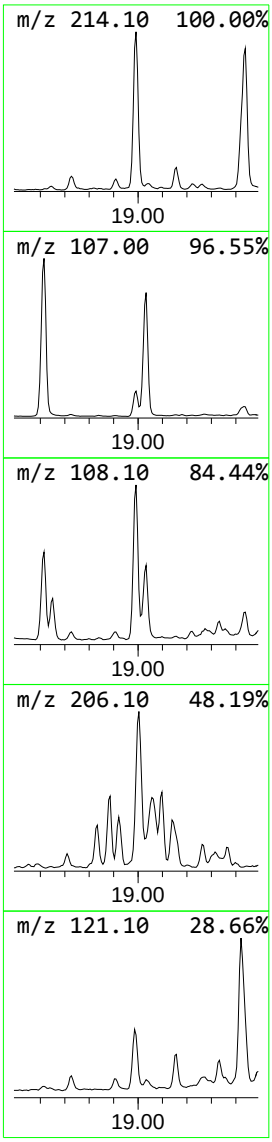
****

Peak Number 8 unknown18.992 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	20.82 ng	4025850	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cresol	108	C7H8O	000106-44-5	41
2	1H,4H,5H,6H-Cyclopenta[d]imidazole	108	C6H8N2	1000489-30-2	38
3	4'-Fluoro-2-hydroxystilbene	214	C14H11FO	1000147-76-7	38
4	Phenol, 2-methyl-	108	C7H8O	000095-48-7	35
5	Thiazolo[5,4-f]quinoline, 7,9-di...	214	C12H10N2S	038463-46-6	30





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Operator : CG/JU
Sample : N5436-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-12

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

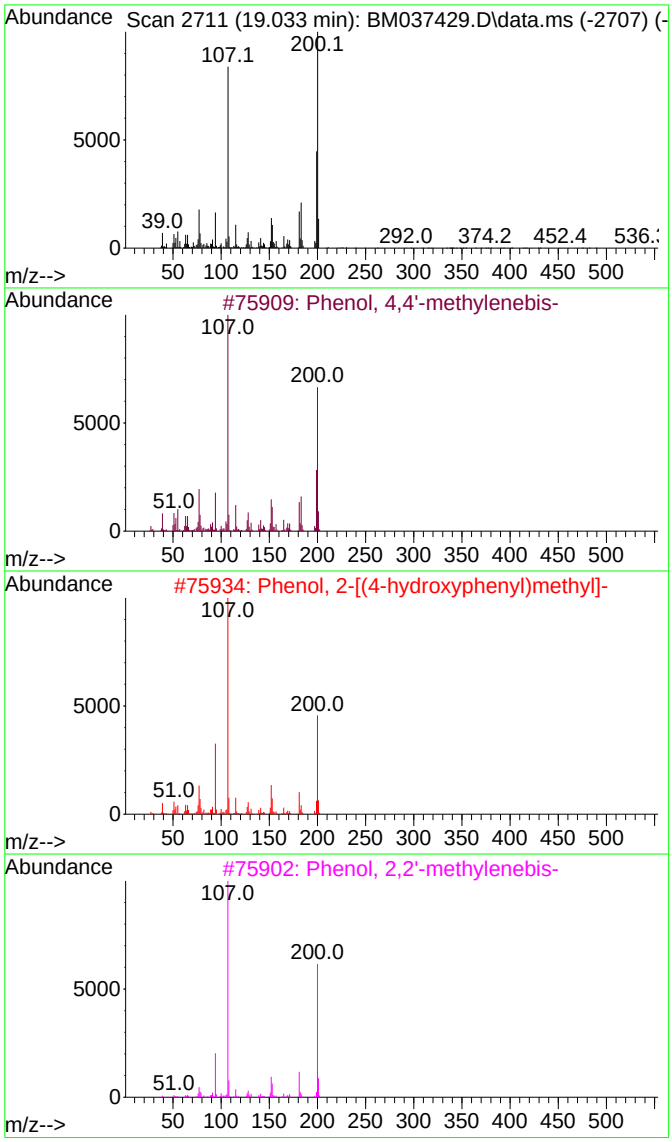
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

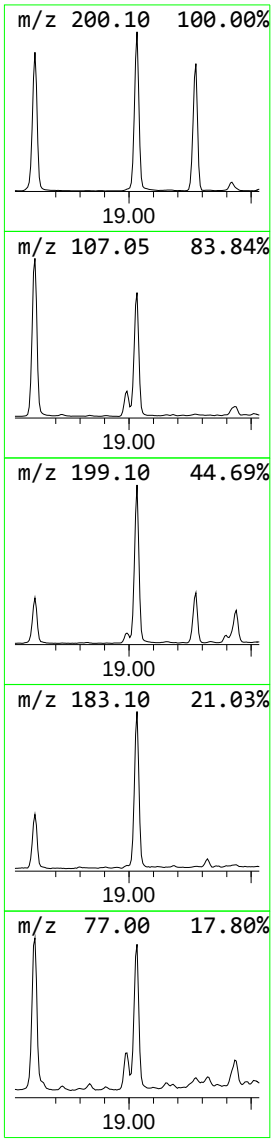
****

Peak Number 9 Phenol, 4,4'-methylenebis- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.033	67.55 ng	13062200	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-methylenebis-	200	C13H12O2	000620-92-8	98
2	Phenol, 2-[(4-hydroxyphenyl)meth...	200	C13H12O2	002467-03-0	89
3	Phenol, 2,2'-methylenebis-	200	C13H12O2	002467-02-9	68
4	1,3-Benzenediol, 4-(phenylmethyl)-	200	C13H12O2	002284-30-2	55
5	Thiazolo[5,4-f]quinoline, 7-methyl-	200	C11H8N2S	003119-56-0	38





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Acq On : 08 Nov 2022 15:19
Operator : CG/JU
Sample : N5436-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-12

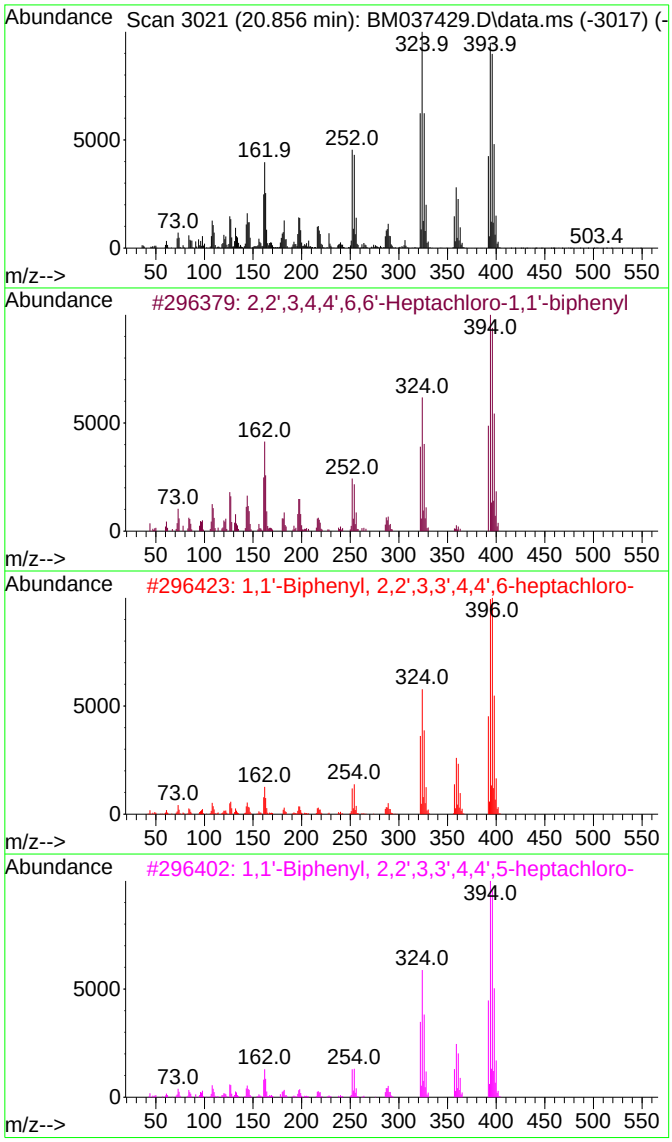
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

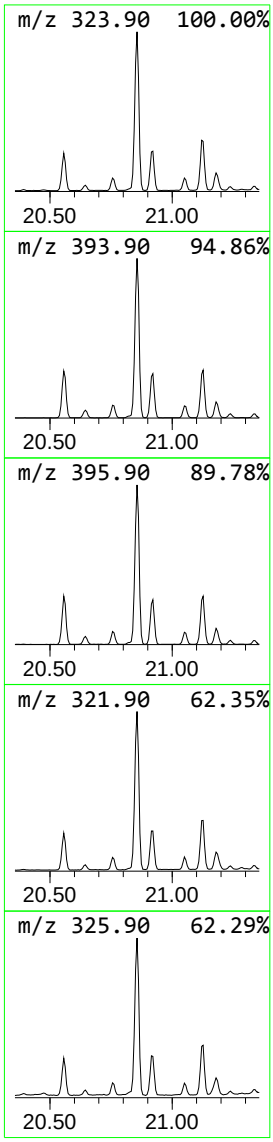
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2,2',3,4,4',6,6'-Heptachlor... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.856	19.58 ng	10476700	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',6-...	392	C12H3Cl7	052663-71-5	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	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',5,6,6'-...	392	C12H3Cl7	052663-64-6	99





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-12

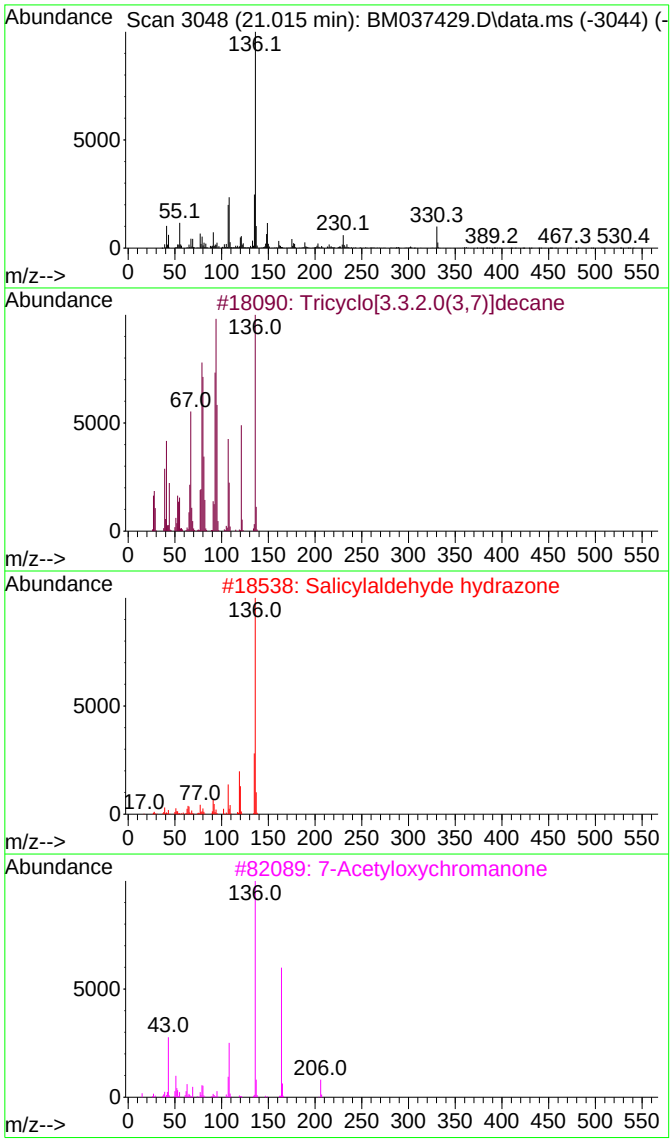
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

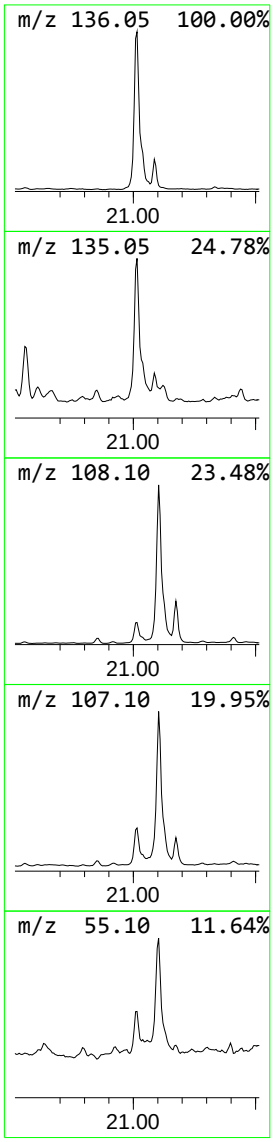
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Tricyclo[3.3.2.0(3,7)]decane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.015	14.59 ng	7808000	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[3.3.2.0(3,7)]decane	136	C10H16	049700-60-9	58
2	Salicylaldehyde hydrazone	136	C7H8N2O	003291-00-7	50
3	7-Acetyloxychromanone	206	C11H10O4	1000451-97-0	47
4	Allopurinol	136	C5H4N4O	000315-30-0	43
5	Glutaric acid, monoamide, N-(2-m...	279	C15H21NO4	1000360-02-3	43





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Operator : CG/JU
Sample : N5436-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-12

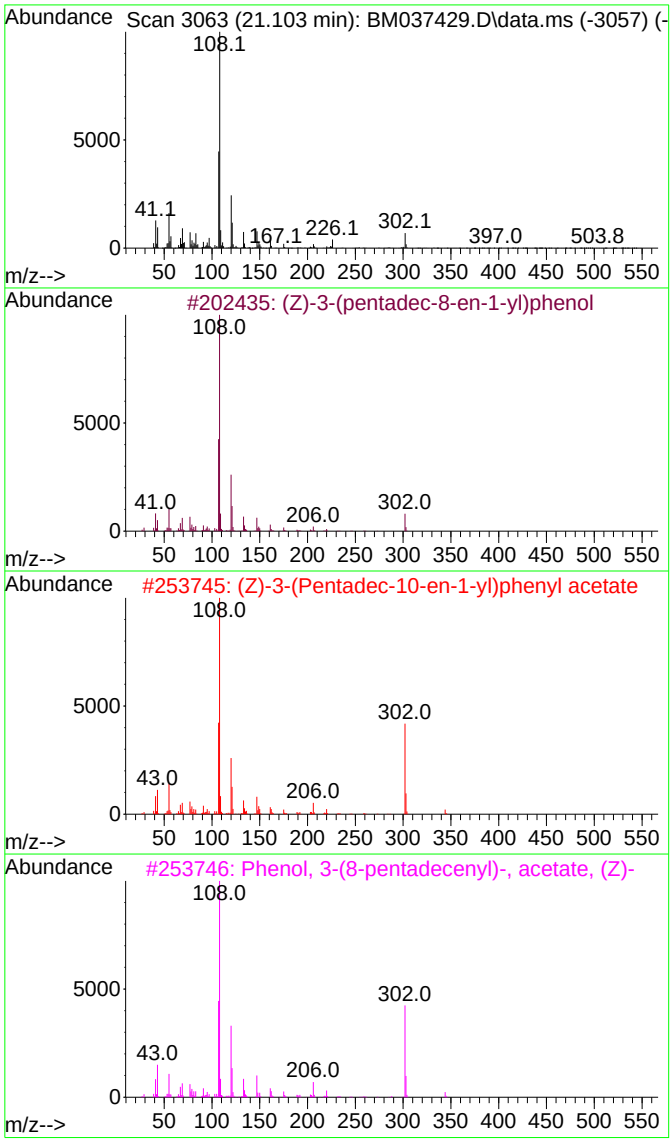
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

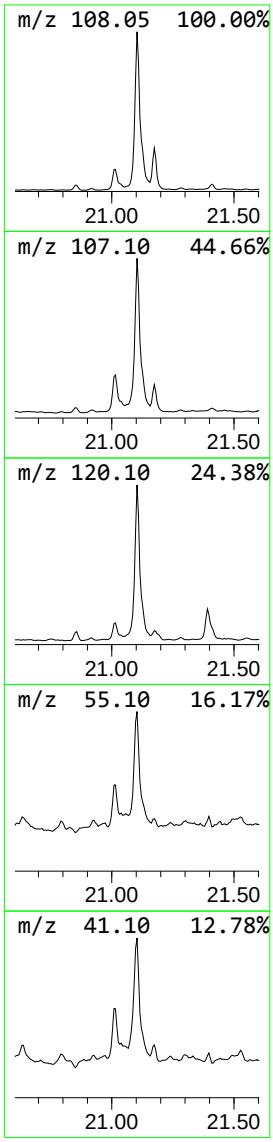
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (Z)-3-(pentadec-8-en-1-yl)p... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.103	45.01 ng	24081400	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	(Z)-3-(Pentadec-10-en-1-yl)pheny...	344	C23H36O2	1000478-00-3	91
3	Phenol, 3-(8-pentadecenyl)-, ace...	344	C23H36O2	111047-34-8	83
4	Phenol, 3-pentadecyl-	304	C21H36O	000501-24-6	52
5	Phenol, 3-nonyl-	220	C15H24O	000139-84-4	50





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Sample : N5436-12
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Instrument :
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ClientSampleId :
250FERRYBLVD-TFS-12

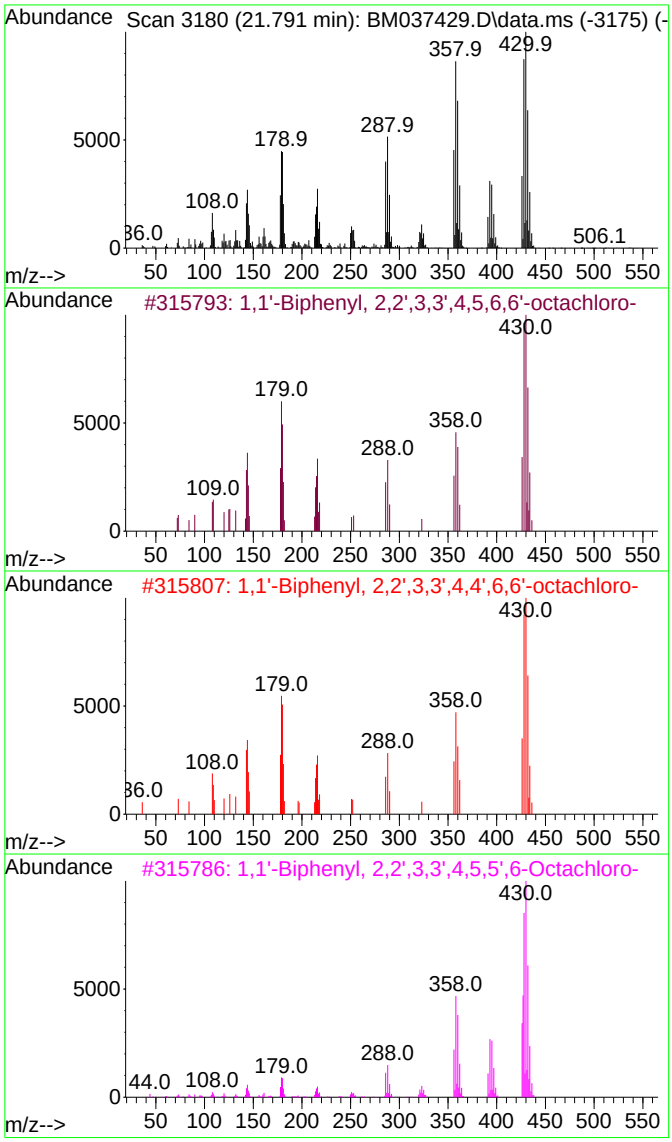
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

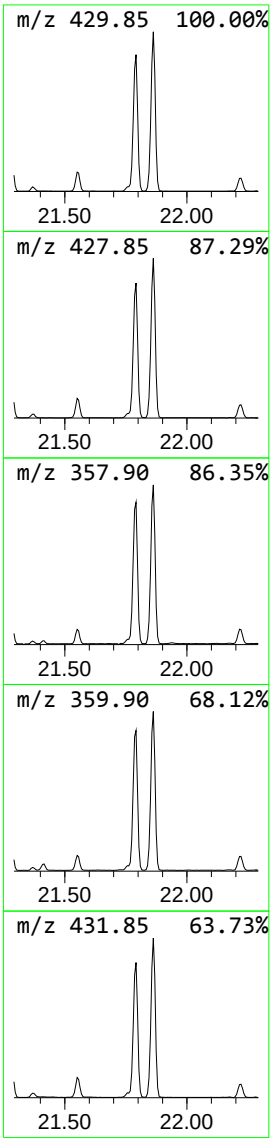
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.791	29.01 ng	15518900	Chrysene-d12	21.392

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





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Operator : CG/JU
Sample : N5436-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-12

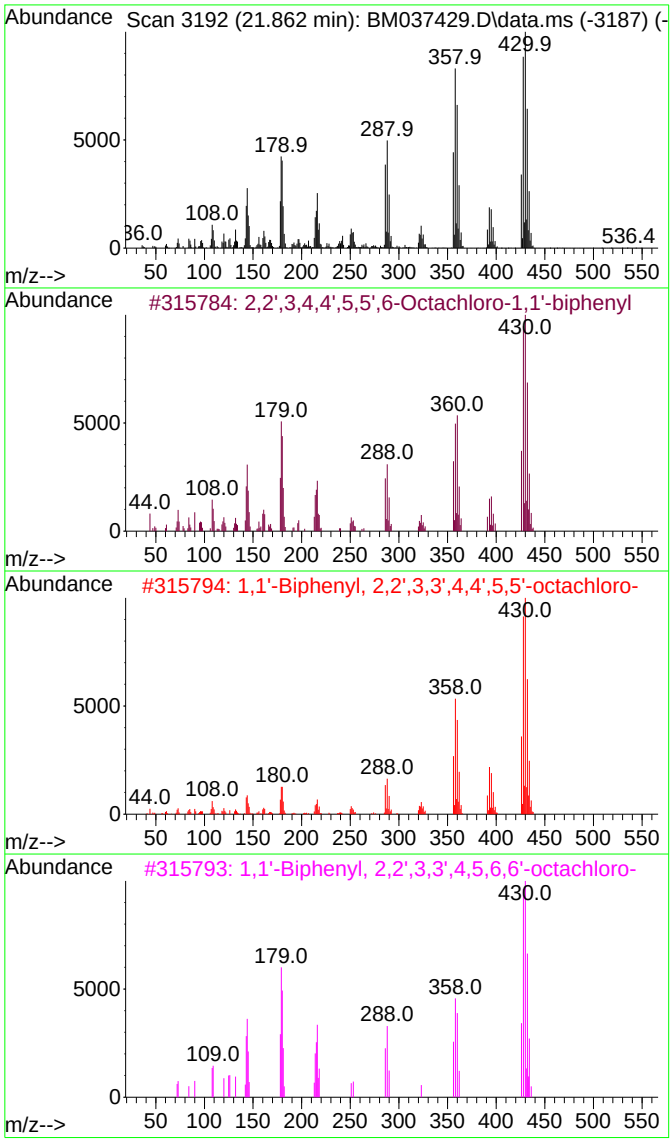
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

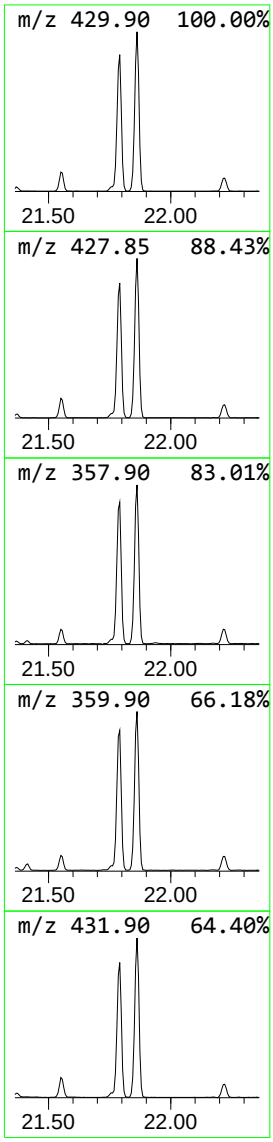
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2,2',3,4,4',5,5',6-Octachlo... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.862	31.85 ng	17042100	Chrysene-d12	21.392

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





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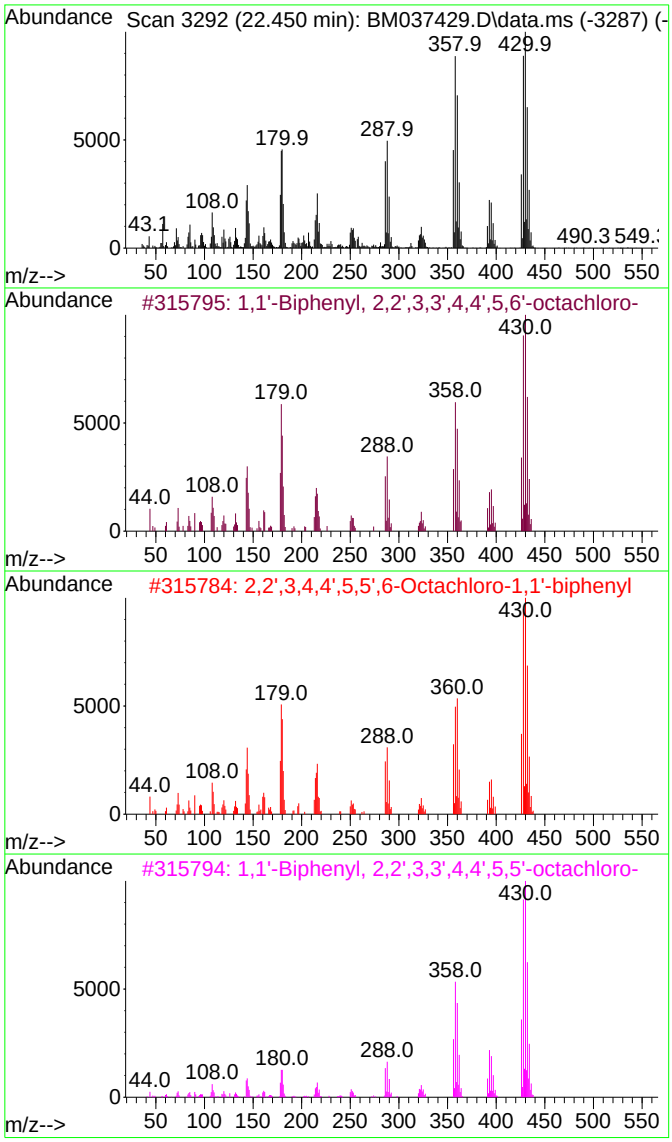
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

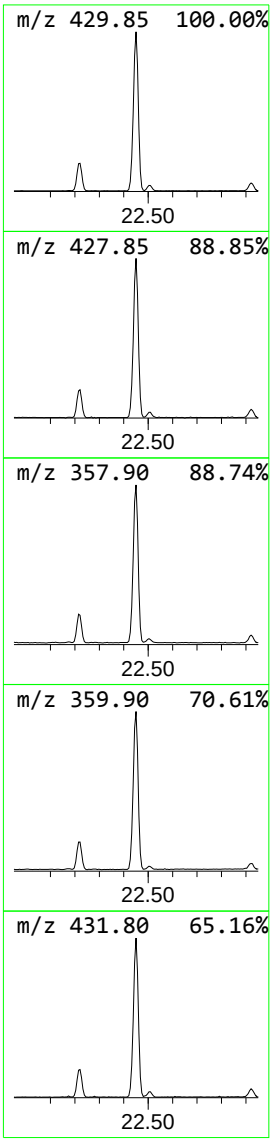
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.450	18.26 ng	9770210	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	2,2',3,4,4',5,5',6-Octachloro-1,...	426	C12H2Cl8	052663-76-0	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99
4	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	068194-17-2	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	99





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Acq On : 08 Nov 2022 15:19
Operator : CG/JU
Sample : N5436-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-12

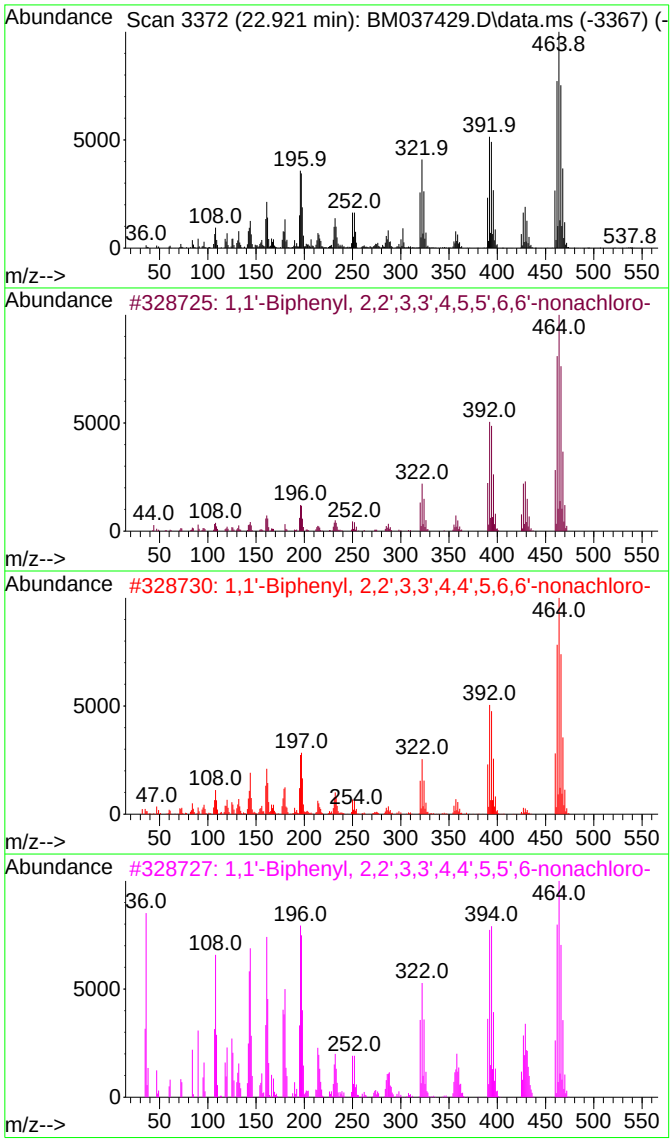
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

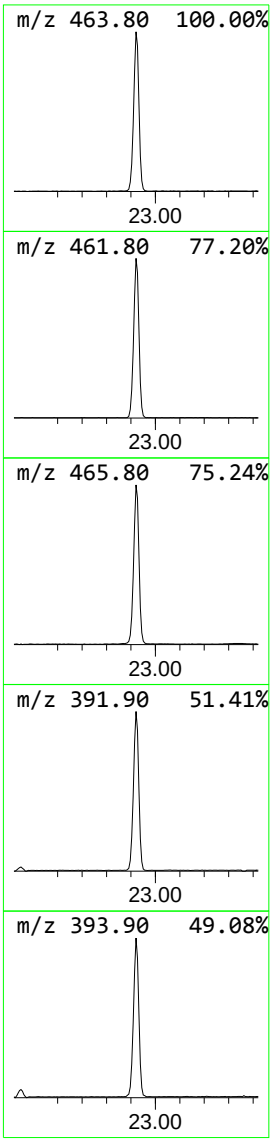
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.921	38.59 ng	13197100	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	97
3	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	460	C12HCl9	040186-72-9	68
4	Spiro[benzofuran-2(3H),1'-[2,5]c...	462	C14H9Br3O3	052498-93-8	35
5	4,4'-Dibromo-2,2'-dichloro-3,3'-...	390	C8H2Br2Cl2S2	1000305-62-6	15





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Data File : BM037429.D
Acq On : 08 Nov 2022 15:19
Operator : CG/JU
Sample : N5436-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-12

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

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

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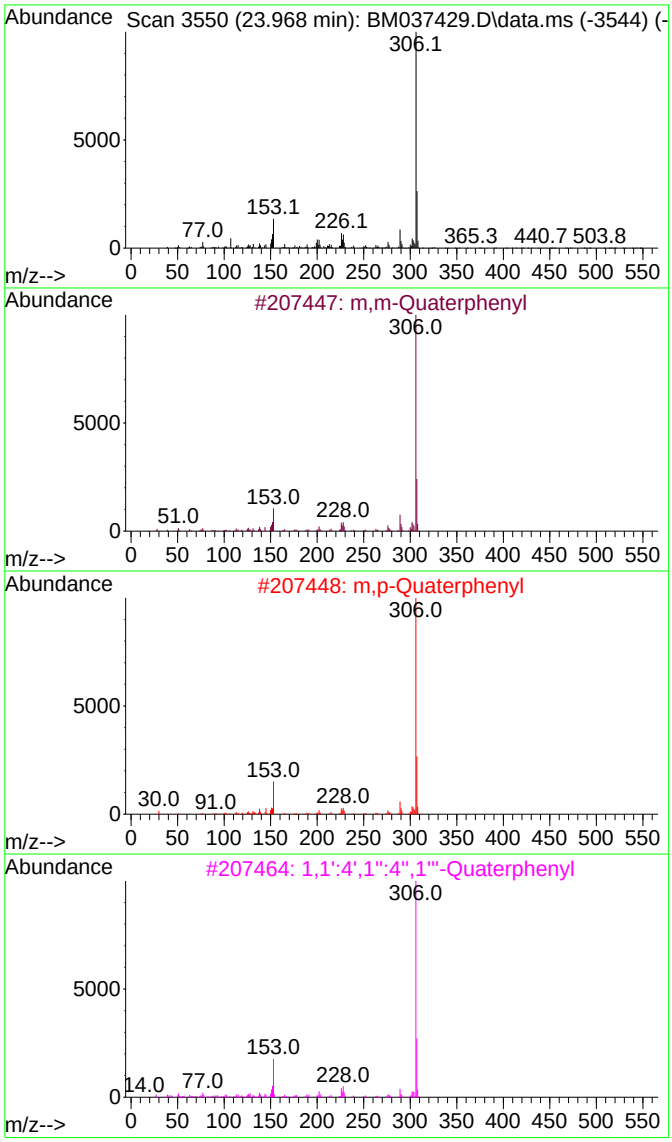
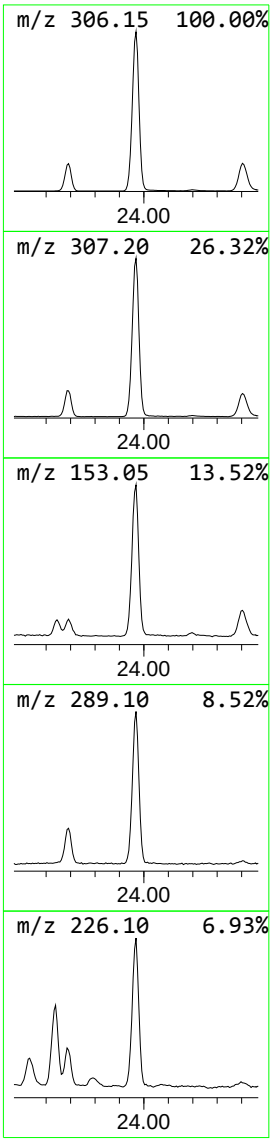
Peak Number 17 m,m-Quaterphenyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.968	32.24 ng	11026100	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	1,1':2',1'':3'',1'''-Quaterphenyl	306	C24H18	001165-57-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037429.D
Acq On : 08 Nov 2022 15:19
Operator : CG/JU
Sample : N5436-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-12

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

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

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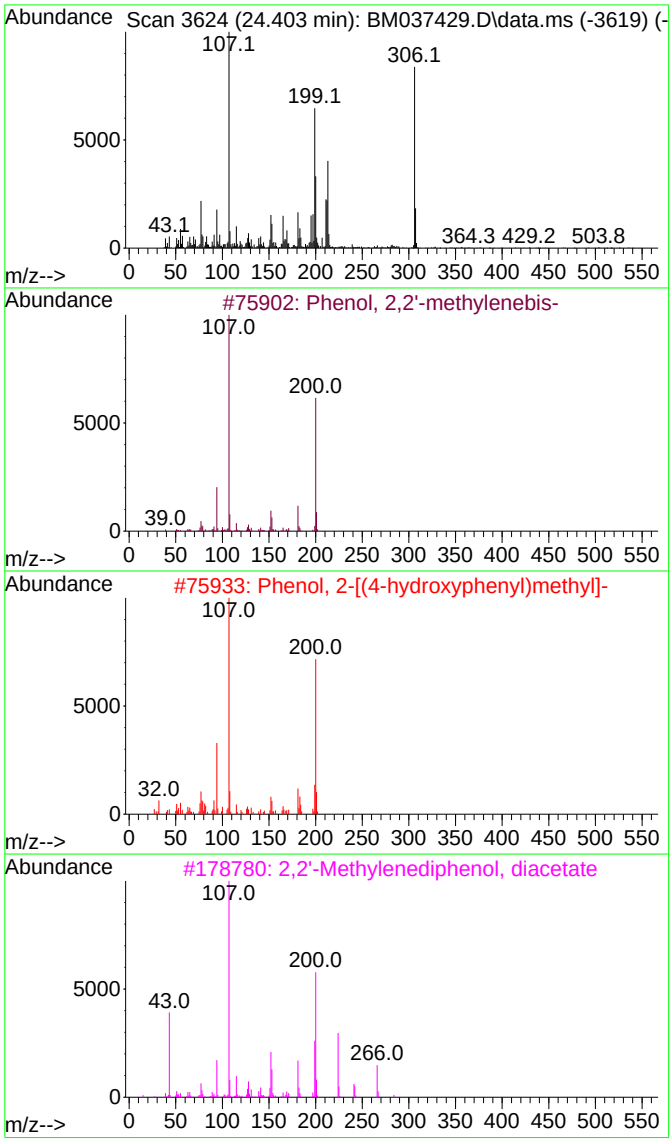
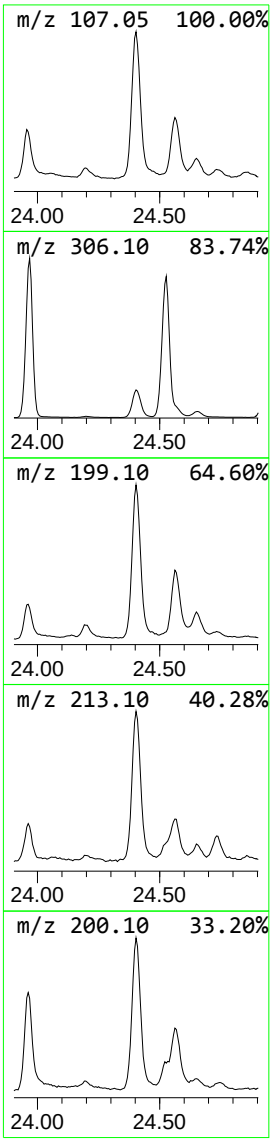
Peak Number 18 unknown24.403 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.403	19.36 ng	6621700	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	Bisphenol F, acetate	242	C15H14O3	035250-15-8	25
5	phenol, 2-[(2,4-dinitrophenyl)th...	306	C13H10N2O5S	1000397-61-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037429.D
Acq On : 08 Nov 2022 15:19
Operator : CG/JU
Sample : N5436-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-12

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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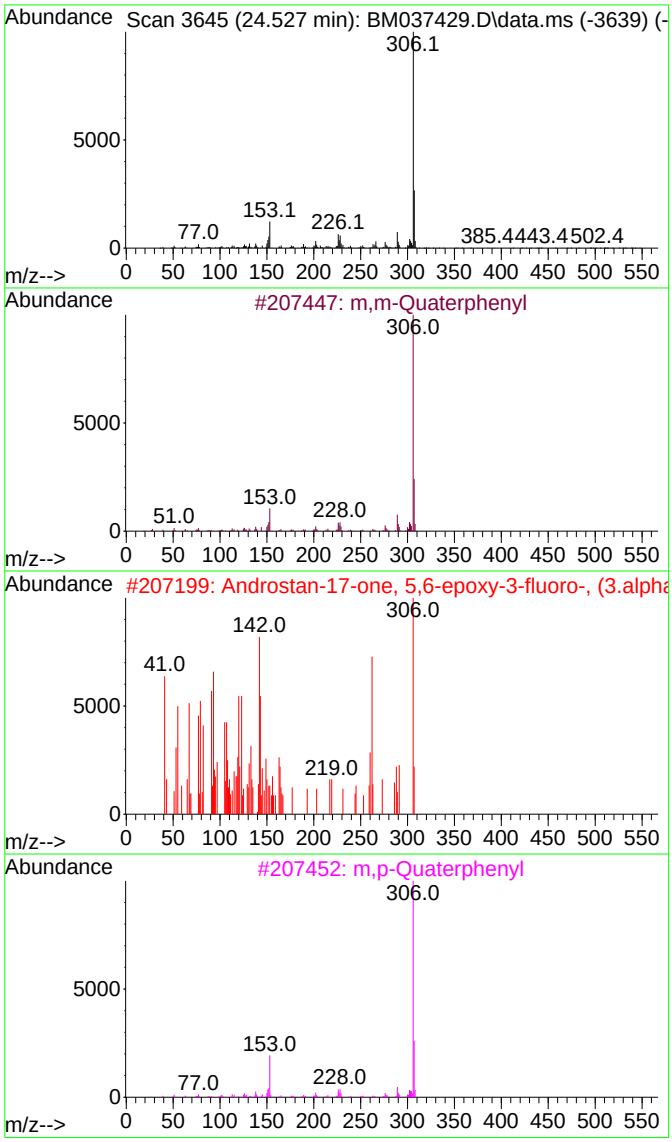
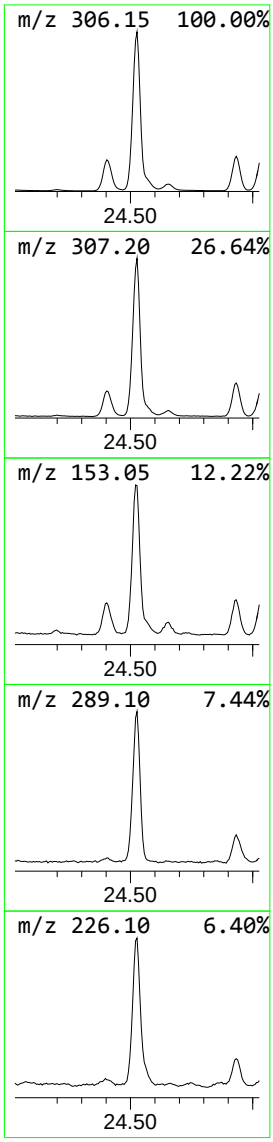
Peak Number 19 Androstan-17-one, 5,6-epoxy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.527	37.78 ng	12919100	Perylene-d12	23.738

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m,m-Quaterphenyl	306	C24H18	001166-18-3	99
2	Androstan-17-one, 5,6-epoxy-3-fl...	306	C19H27FO2	028344-36-7	97
3	m,p-Quaterphenyl	306	C24H18	001166-19-4	97
4	1,1':4',1'':4'',1'''-Quaterphenyl	306	C24H18	000135-70-6	96
5	1,1':3',1''-Terphenyl, 5'-phenyl-	306	C24H18	000612-71-5	94





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Data File : BM037429.D
Acq On : 08 Nov 2022 15:19
Operator : CG/JU
Sample : N5436-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-12

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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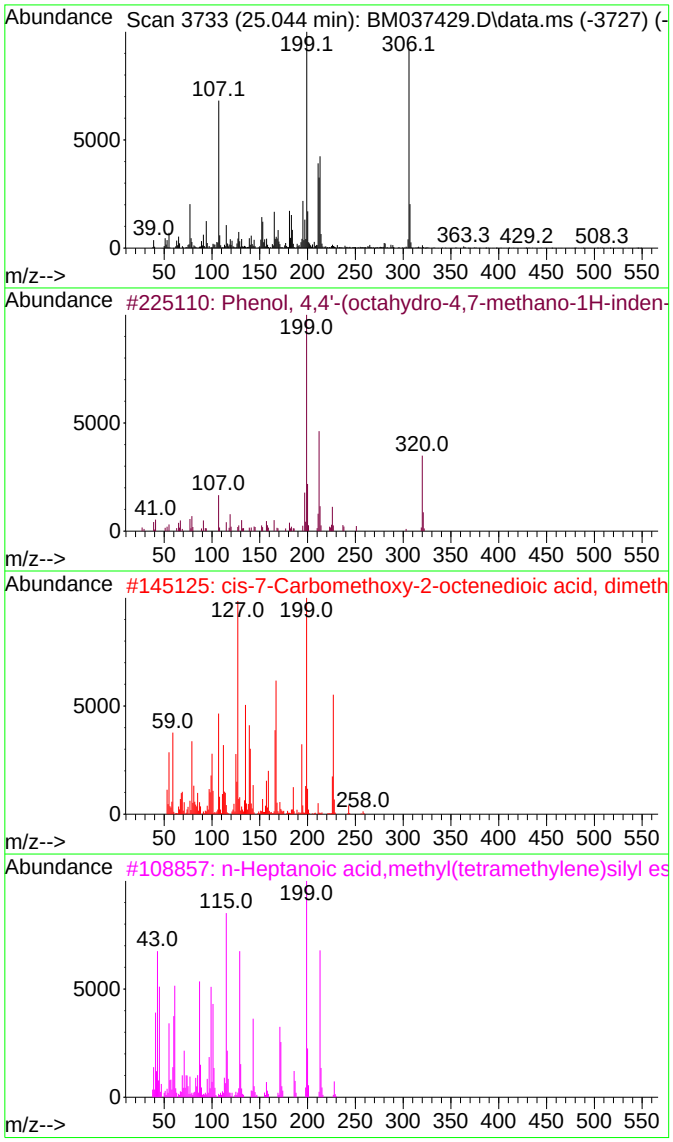
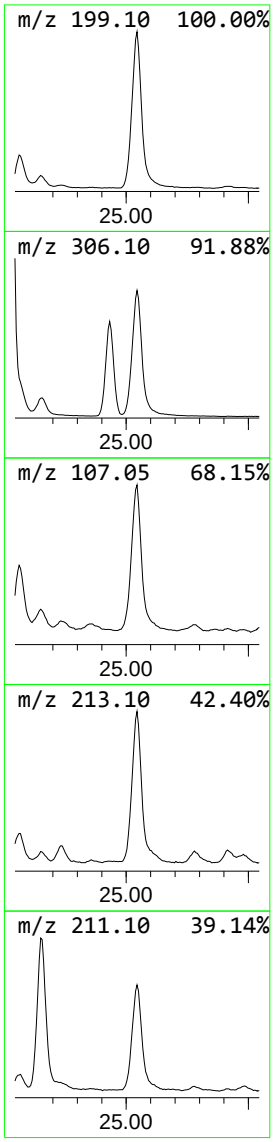
Peak Number 20 unknown25.044 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.044	40.73 ng	13928300	Perylene-d12	23.738

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(octahydro-4,7-meth...	320	C22H24O2	001943-97-1	38
2	cis-7-Carbomethoxy-2-octenedioic...	258	C12H18O6	1010298-82-7	22
3	n-Heptanoic acid,methyl(tetramet...	228	C12H24O2Si	1000217-03-6	22
4	Cobalt, azobenzene-cyclopentadie...	306	C17H15CoN2	1000150-53-2	18
5	4,4'-Ethylidenediphenol	214	C14H14O2	002081-08-5	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110822\
Data File : BM037429.D
Acq On : 08 Nov 2022 15:19
Operator : CG/JU
Sample : N5436-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-12

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	26.4	ng	2776820	1	7.828	2104910	20.0
Phenol, 4-ethyl-	10.069	29.9	ng	5178140	2	10.628	3469900	20.0
o-Terphenyl	17.862	160.0	ng	30935800	4	17.209	3867580	20.0
n-Hexadecanoic ...	18.121	59.0	ng	11405600	4	17.209	3867580	20.0
4H-Cyclopenta[d...	18.286	18.4	ng	3565120	4	17.209	3867580	20.0
Phenol, 2,2'-me...	18.398	21.9	ng	4234120	4	17.209	3867580	20.0
Phenol, 2-[(4-h...	18.615	67.8	ng	13102800	4	17.209	3867580	20.0
unknown18.992	18.992	20.8	ng	4025850	4	17.209	3867580	20.0
Phenol, 4,4'-me...	19.033	67.5	ng	13062200	4	17.209	3867580	20.0
2,2',3,4,4',6,6...	20.856	19.6	ng	10476700	5	21.392	10700300	20.0
Tricyclo[3.3.2....	21.015	14.6	ng	7808000	5	21.392	10700300	20.0
(Z)-3-(pentadec...	21.103	45.0	ng	24081400	5	21.392	10700300	20.0
1,1'-Biphenyl, ...	21.791	29.0	ng	15518900	5	21.392	10700300	20.0
2,2',3,4,4',5,5...	21.862	31.9	ng	17042100	5	21.392	10700300	20.0
1,1'-Biphenyl, ...	22.450	18.3	ng	9770210	5	21.392	10700300	20.0
1,1'-Biphenyl, ...	22.921	38.6	ng	13197100	6	23.738	6839910	20.0
m,m-Quaterphenyl	23.968	32.2	ng	11026100	6	23.738	6839910	20.0
unknown24.403	24.403	19.4	ng	6621700	6	23.738	6839910	20.0
Androstan-17-on...	24.527	37.8	ng	12919100	6	23.738	6839910	20.0
unknown25.044	25.044	40.7	ng	13928300	6	23.738	6839910	20.0