LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112320\
Data File : BP004065.D
Acq On : 23 Nov 2020 20:46
Operator : CG/JU
Sample : L4858-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PHC-340EM-012

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_P\METHODS\8270E-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP004065.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.916	3	5	25	rVB	7866247	8977462	100.00%	12.079%
2	3.069	25	31	43	rBV	204966	436049	4.86%	0.587%
3	3.163	43	47	53	rBV	123481	151529	1.69%	0.204%
4	5.263	398	404	417	rBV	617490	879026	9.79%	1.183%
5	5.805	488	496	513	rBV	1912878	2959900	32.97%	3.982%
6	7.451	769	776	789	rVB	1734143	3152965	35.12%	4.242%
7	8.263	908	914	924	rVB	451023	721630	8.04%	0.971%
8	9.069	1044	1051	1059	rBV2	142436	337261	3.76%	0.454%
9	9.428	1098	1112	1120	rBV	1111221	1940287	21.61%	2.611%
10	10.275	1250	1256	1260	rBV	162753	314488	3.50%	0.423%
11	10.528	1289	1299	1305	rBV2	77366	228704	2.55%	0.308%
12	10.587	1305	1309	1320	rVB3	78322	164145	1.83%	0.221%
13	10.975	1365	1375	1385	rBV4	57439	146000	1.63%	0.196%
14	11.098	1386	1396	1401	rBV	540197	967989	10.78%	1.302%
15	11.240	1415	1420	1429	rVB2	40329	91086	1.01%	0.123%
16	11.922	1530	1536	1543	rBV2	117035	203078	2.26%	0.273%
17	11.998	1543	1549	1560	rVB2	55207	109508	1.22%	0.147%
18	12.110	1563	1568	1573	rBV	77033	137776	1.53%	0.185%
19	12.163	1573	1577	1591	rVB3	49499	131763	1.47%	0.177%
20	12.945	1705	1710	1719	rVB5	56397	123110	1.37%	0.166%
21	13.151	1739	1745	1750	rBV3	52758	137918	1.54%	0.186%
22	13.251	1757	1762	1771	rVB	514217	813439	9.06%	1.094%
23	13.386	1779	1785	1797	rBV	414068	844911	9.41%	1.137%
24	13.510	1797	1806	1813	rVB	2694589	3842451	42.80%	5.170%
25	13.710	1834	1840	1846	rBV3	203007	356913	3.98%	0.480%
26	13.775	1846	1851	1861	rVB	123919	211583	2.36%	0.285%
27	14.110	1903	1908	1911	rBV	356171	543433	6.05%	0.731%
28	14.145	1911	1914	1921	rVB	277349	448836	5.00%	0.604%
29	14.263	1930	1934	1939	rBV2	51009	106086	1.18%	0.143%
30	14.316	1939	1943	1946	rVV2	177843	319316	3.56%	0.430%
31	14.351	1946	1949	1961	rVB3	227931	502941	5.60%	0.677%
32	14.586	1984	1989	1998	rBV6	57205	149769	1.67%	0.202%
33	14.681	1999	2005	2010	rBV2	239336	458532	5.11%	0.617%
34	14.763	2016	2019	2025	rVB	86553	117671	1.31%	0.158%
35	14.828	2025	2030	2035	rBV2	68618	150842	1.68%	0.203%
36	14.886	2035	2040	2047	rVV	791329	1188788	13.24%	1.599%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112320\
Data File : BP004065.D
Acq On : 23 Nov 2020 20:46
Operator : CG/JU
Sample : L4858-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PHC-340EM-012

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_P\METHODS\8270E-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.710	2176	2180	2184	rVB	106573	134887	1.50%	0.181%
38	16.116	2246	2249	2257	rVB2	74702	125045	1.39%	0.168%
39	16.375	2287	2293	2301	rBV	1810110	2574808	28.68%	3.464%
40	16.563	2321	2325	2328	rBV	150317	205876	2.29%	0.277%
41	16.592	2328	2330	2335	rVB2	162900	189489	2.11%	0.255%
42	17.351	2455	2459	2464	rBV	172004	212366	2.37%	0.286%
43	17.410	2465	2469	2473	rBV2	140619	196157	2.18%	0.264%
44	17.622	2499	2505	2509	rBV	958646	1373706	15.30%	1.848%
45	17.663	2509	2512	2519	rVB	288539	400089	4.46%	0.538%
46	18.080	2579	2583	2586	rBV	168324	209472	2.33%	0.282%
47	18.474	2645	2650	2655	rBV2	967909	1522027	16.95%	2.048%
48	18.739	2691	2695	2709	rBV2	674349	1089865	12.14%	1.466%
49	18.939	2724	2729	2744	rVB	3288822	4669522	52.01%	6.283%
50	19.298	2786	2790	2791	rBV3	237253	308200	3.43%	0.415%
51	19.327	2791	2795	2804	rVB	2630076	3525995	39.28%	4.744%
52	19.598	2837	2841	2845	rVB	457448	641608	7.15%	0.863%
53	19.680	2852	2855	2858	rBV	272981	305781	3.41%	0.411%
54	19.716	2858	2861	2875	rVB2	338899	623606	6.95%	0.839%
55	19.880	2887	2889	2892	rVB	164306	160308	1.79%	0.216%
56	19.951	2897	2901	2907	rVB	402899	548884	6.11%	0.738%
57	20.121	2925	2930	2935	rVB	3706171	4342982	48.38%	5.843%
58	20.339	2964	2967	2971	rVB	347171	384749	4.29%	0.518%
59	20.392	2973	2976	2984	rVB4	288406	545722	6.08%	0.734%
60	20.568	3003	3006	3010	rVB2	492777	527088	5.87%	0.709%
61	20.757	3035	3038	3044	rVB	530841	604832	6.74%	0.814%
62	20.833	3049	3051	3054	rVV2	444450	565254	6.30%	0.761%
63	20.863	3054	3056	3060	rVB2	391816	391886	4.37%	0.527%
64	21.127	3098	3101	3108	rVB2	959421	1200921	13.38%	1.616%
65	21.227	3116	3118	3124	rVB	330480	402731	4.49%	0.542%
66	21.310	3129	3132	3141	rVV3	725957	1193830	13.30%	1.606%
67	21.386	3143	3145	3149	rVB3	277777	284271	3.17%	0.382%
68	21.462	3155	3158	3162	rVB	446788	518877	5.78%	0.698%
69	21.657	3187	3191	3201	rVB3	996765	2336033	26.02%	3.143%
70	21.751	3204	3207	3211	rVB	430573	481573	5.36%	0.648%
71	22.080	3259	3263	3272	rVB	1147207	1577185	17.57%	2.122%
72	22.157	3272	3276	3282	rBV	1019854	1297133	14.45%	1.745%
73	22.210	3283	3285	3289	rVV	278017	314919	3.51%	0.424%
74	22.715	3368	3371	3374	rBV	253168	288580	3.21%	0.388%
75	22.921	3403	3406	3419	rVB	631734	1097561	12.23%	1.477%
76	23.280	3462	3467	3473	rVB2	891105	1578305	17.58%	2.124%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112320\
Data File : BP004065.D
Acq On : 23 Nov 2020 20:46
Operator : CG/JU
Sample : L4858-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012

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_P\METHODS\8270E-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	24.133	3607	3612	3619	rVB2	663815	1289850	14.37%	1.735%
78	24.727	3708	3713	3735	rVB	608711	1716255	19.12%	2.309%

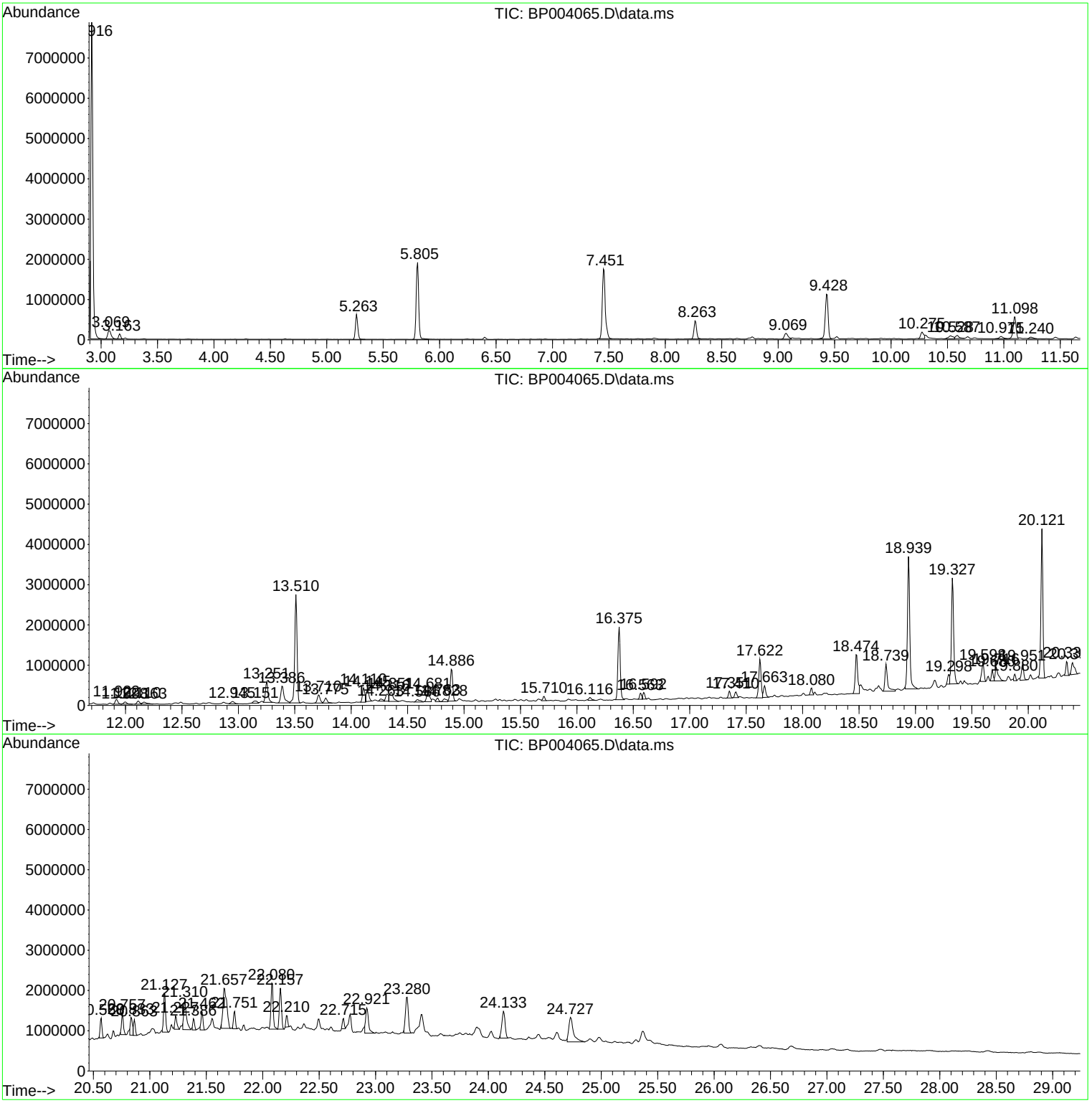
Sum of corrected areas: 74325413

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112320\
Data File : BP004065.D
Acq On : 23 Nov 2020 20:46
Operator : CG/JU
Sample : L4858-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112320\
Data File : BP004065.D
Acq On : 23 Nov 2020 20:46
Operator : CG/JU
Sample : L4858-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PHC-340EM-012

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

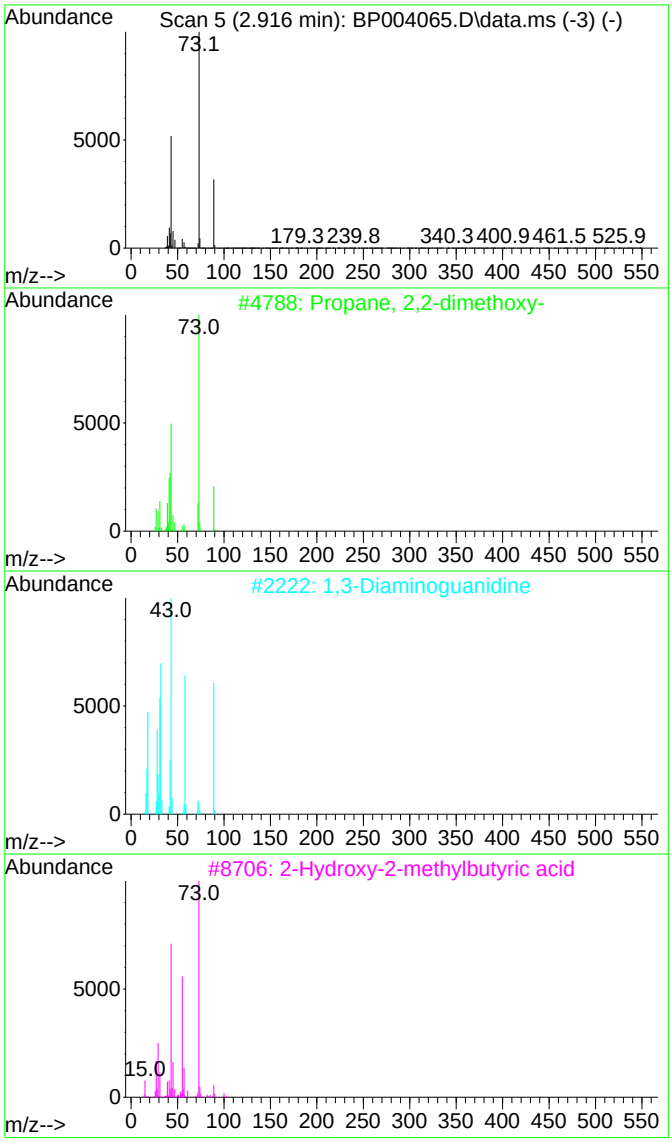
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

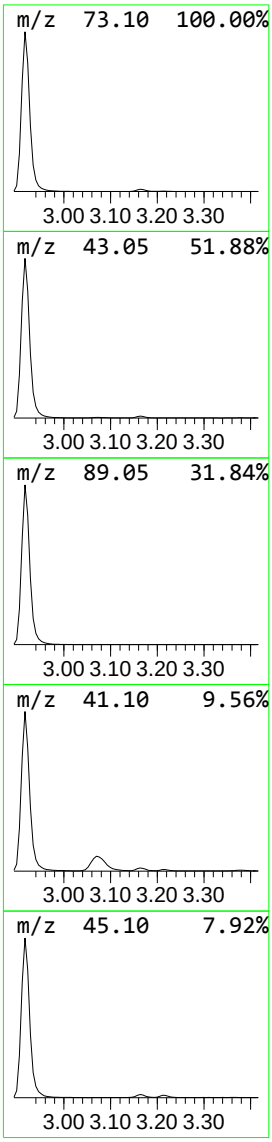
****

Peak Number 1 unknown2.916 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.916	248.81 ng	8977460	1,4-Dichlorobenzene-d4	8.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	40
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112320\
Data File : BP004065.D
Acq On : 23 Nov 2020 20:46
Operator : CG/JU
Sample : L4858-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012

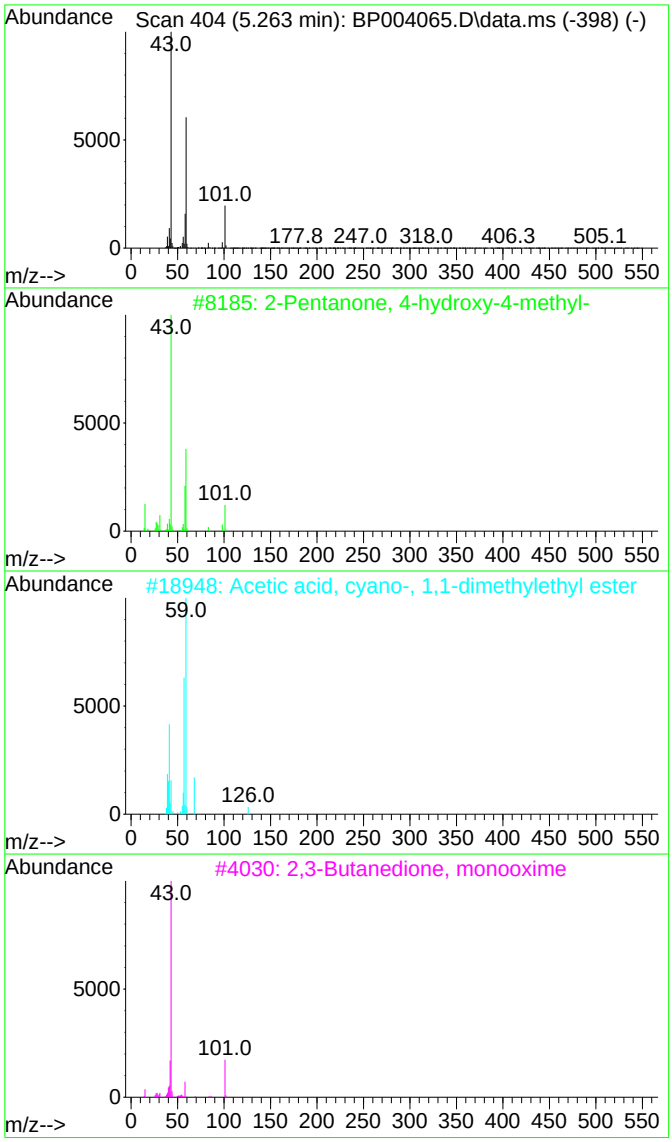
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

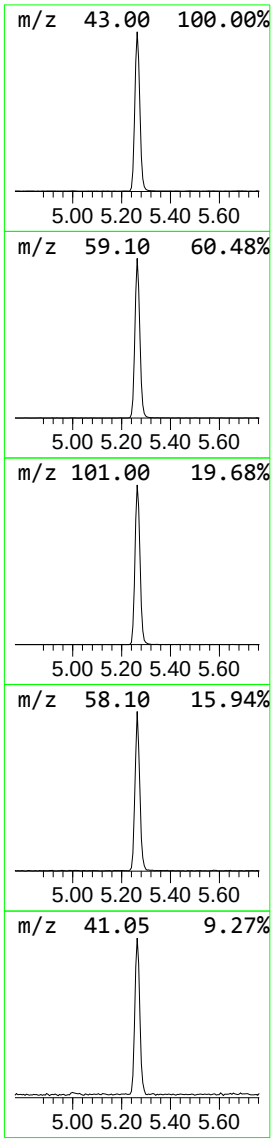
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.263	24.36 ng	879026	1,4-Dichlorobenzene-d4	8.263

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	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112320\
Data File : BP004065.D
Acq On : 23 Nov 2020 20:46
Operator : CG/JU
Sample : L4858-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

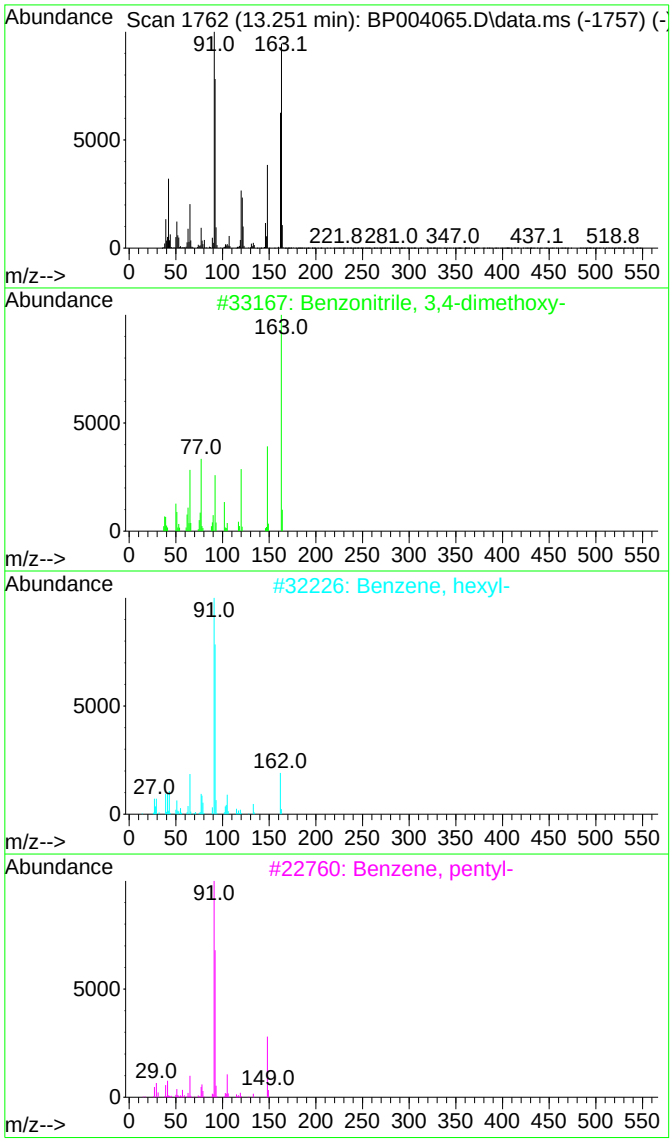
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

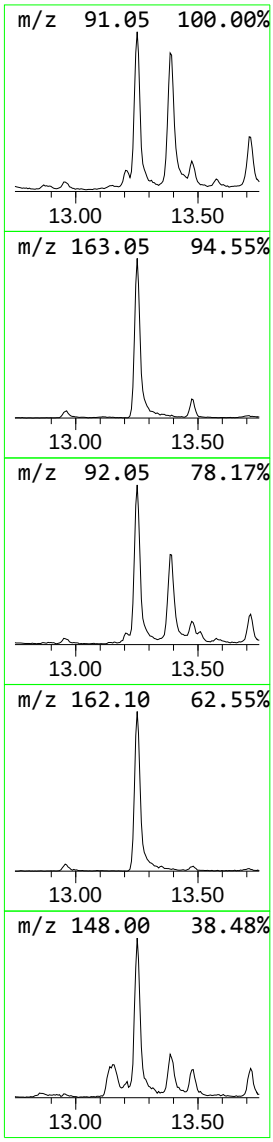
****

Peak Number 4 unknown13.251 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.251	13.69 ng	813439	Acenaphthene-d10	14.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 3,4-dimethoxy-	163	C9H9NO2	002024-83-1	49
2	Benzene, hexyl-	162	C12H18	001077-16-3	43
3	Benzene, pentyl-	148	C11H16	000538-68-1	38
4	Phenylethyl Alcohol	122	C8H10O	000060-12-8	38
5	Benzenamine, 2,3,4,5,6-pentamethyl-	163	C11H17N	002243-30-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112320\
Data File : BP004065.D
Acq On : 23 Nov 2020 20:46
Operator : CG/JU
Sample : L4858-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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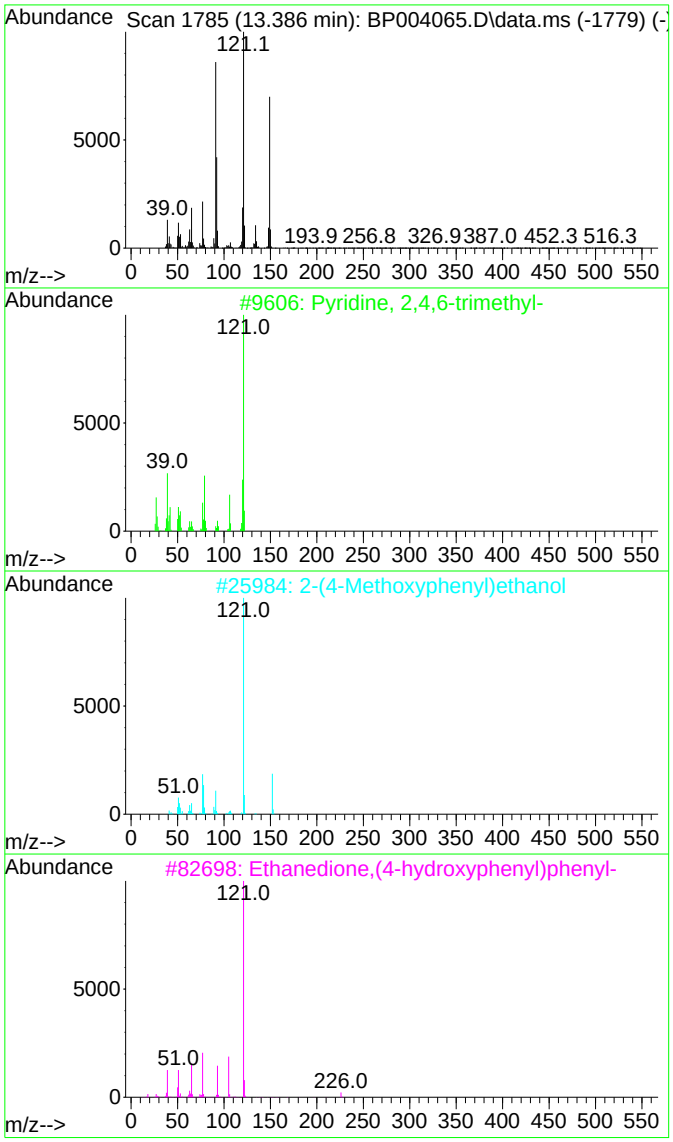
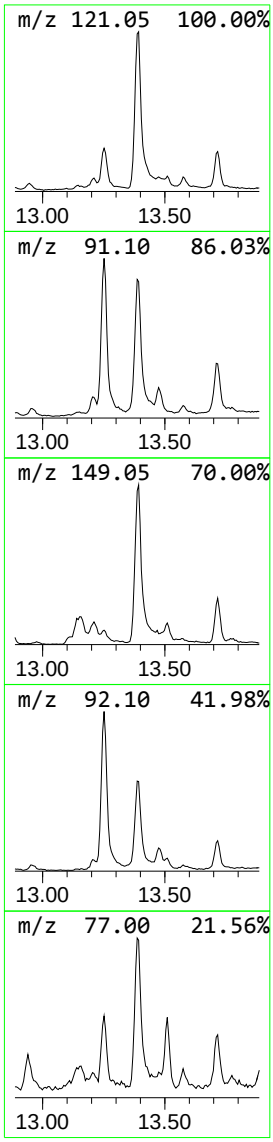
Peak Number 5 unknown13.387 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.387	14.21 ng	844911	Acenaphthene-d10	14.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,4,6-trimethyl-	121	C8H11N	000108-75-8	38
2	2-(4-Methoxyphenyl)ethanol	152	C9H12O2	000702-23-8	38
3	Ethanedione,(4-hydroxyphenyl)phe...	226	C14H10O3	038469-73-7	35
4	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	35
5	2-Propanone, 1-(4-methoxyphenyl)-	164	C10H12O2	000122-84-9	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112320\
Data File : BP004065.D
Acq On : 23 Nov 2020 20:46
Operator : CG/JU
Sample : L4858-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

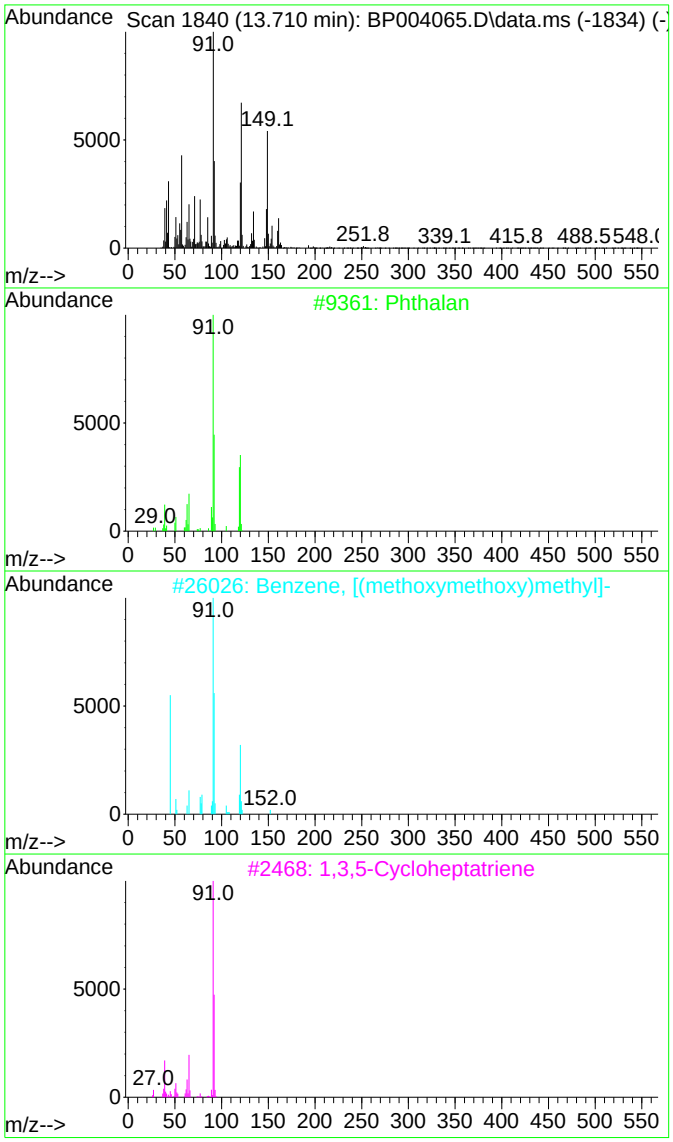
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

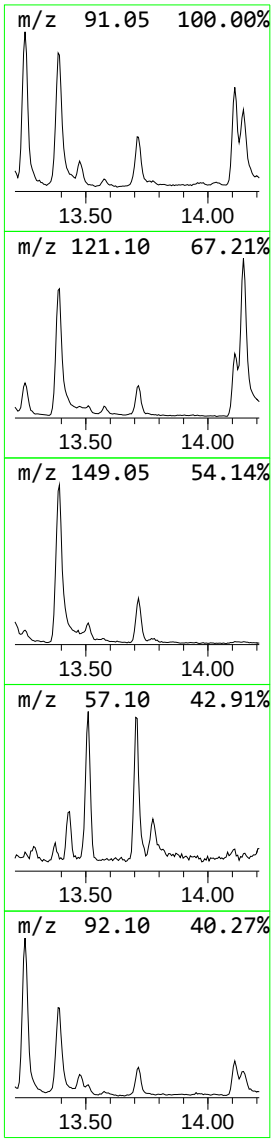
****

Peak Number 6 unknown13.710 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.710	6.00 ng	356913	Acenaphthene-d10	14.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalan	120	C8H8O	000496-14-0	41
2	Benzene, [(methoxymethoxy)methyl]-	152	C9H12O2	031600-55-2	38
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	35
4	3',4'-Formoxylidide	149	C9H11NO	006639-60-7	30
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112320\
Data File : BP004065.D
Acq On : 23 Nov 2020 20:46
Operator : CG/JU
Sample : L4858-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PHC-340EM-012

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

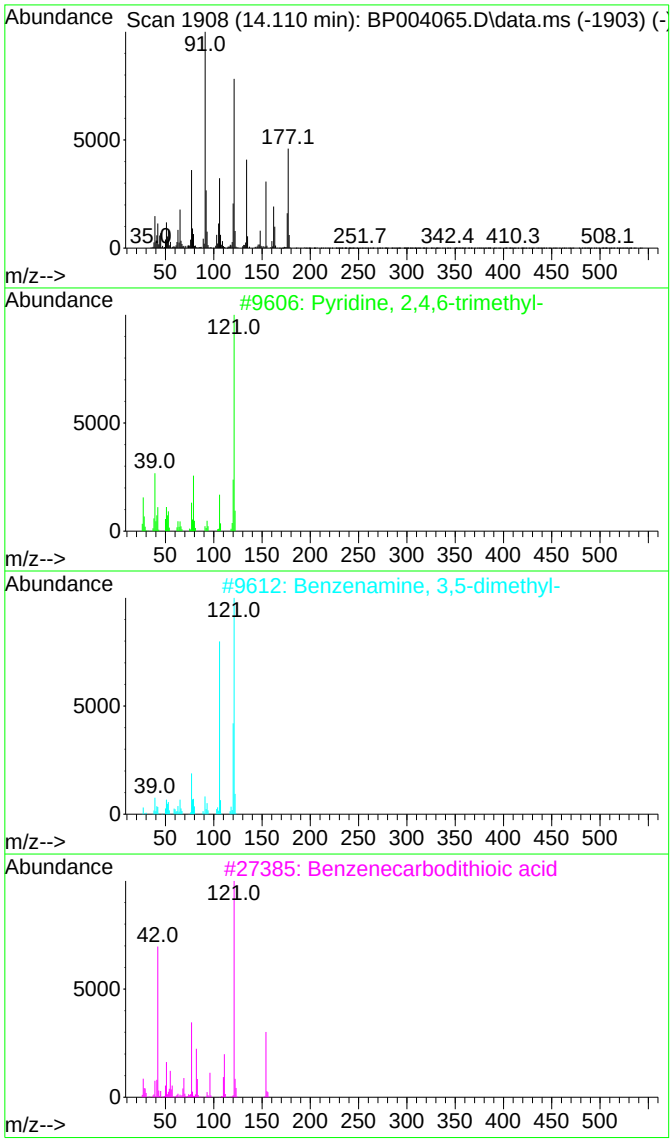
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

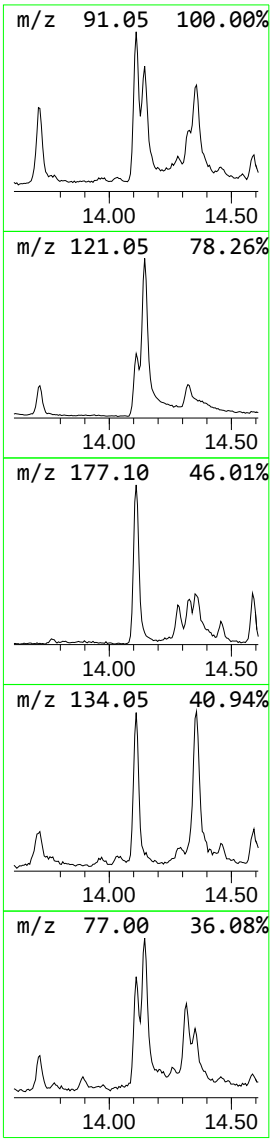
****

Peak Number 7 unknown14.110 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.110	9.14 ng	543433	Acenaphthene-d10	14.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,4,6-trimethyl-	121	C8H11N	000108-75-8	38
2	Benzenamine, 3,5-dimethyl-	121	C8H11N	000108-69-0	22
3	Benzenecarbodithioic acid	154	C7H6S2	000121-68-6	22
4	(R)-(-)-.alpha.-Methoxyphenylace...	166	C9H10O3	003966-32-3	18
5	4-(But-2-oxy)benzaldehyde	178	C11H14O2	104174-29-0	15





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Data File : BP004065.D
Acq On : 23 Nov 2020 20:46
Operator : CG/JU
Sample : L4858-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012

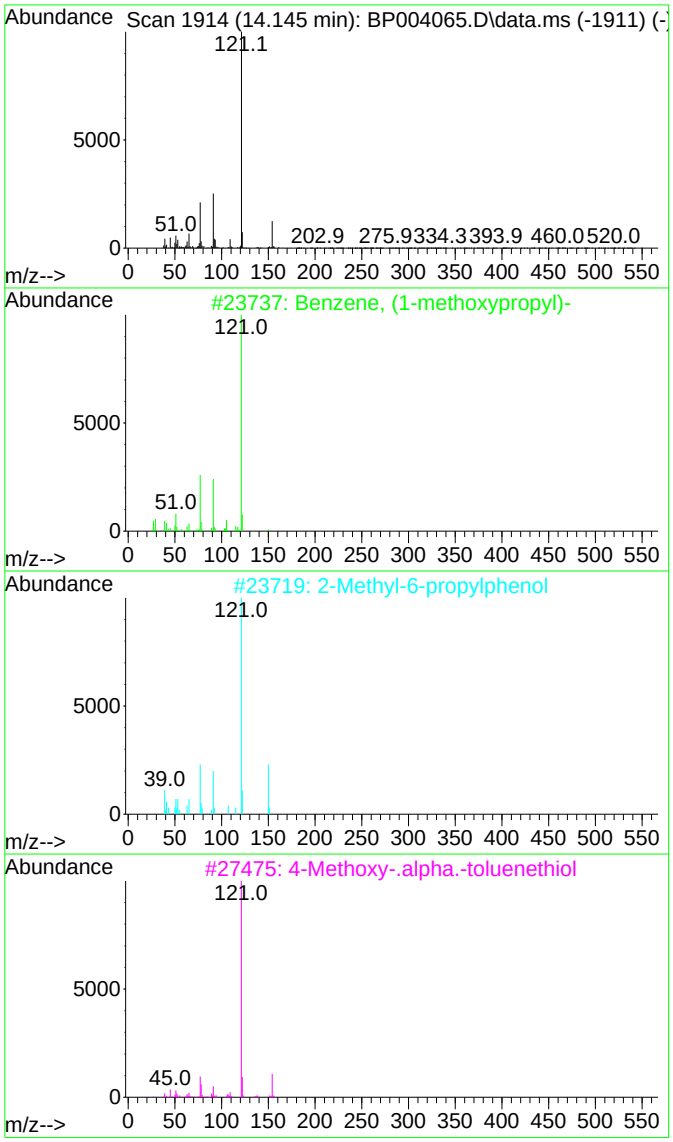
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

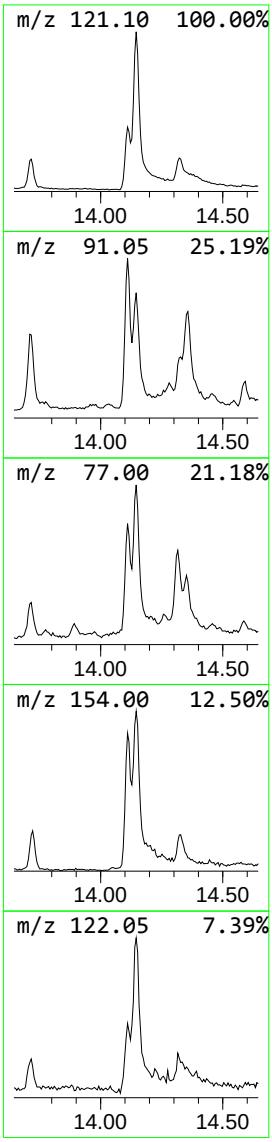
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (1-methoxypropyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.145	7.55 ng	448836	Acenaphthene-d10	14.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methoxypropyl)-	150	C10H14O	059588-12-4	64
2	2-Methyl-6-propylphenol	150	C10H14O	003520-52-3	56
3	4-Methoxy-.alpha.-toluenethiol	154	C8H10OS	006258-60-2	56
4	Benzeneacetic acid, .alpha.-meth...	180	C10H12O3	056143-21-6	56
5	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	50





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Data File : BP004065.D
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Operator : CG/JU
Sample : L4858-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PHC-340EM-012

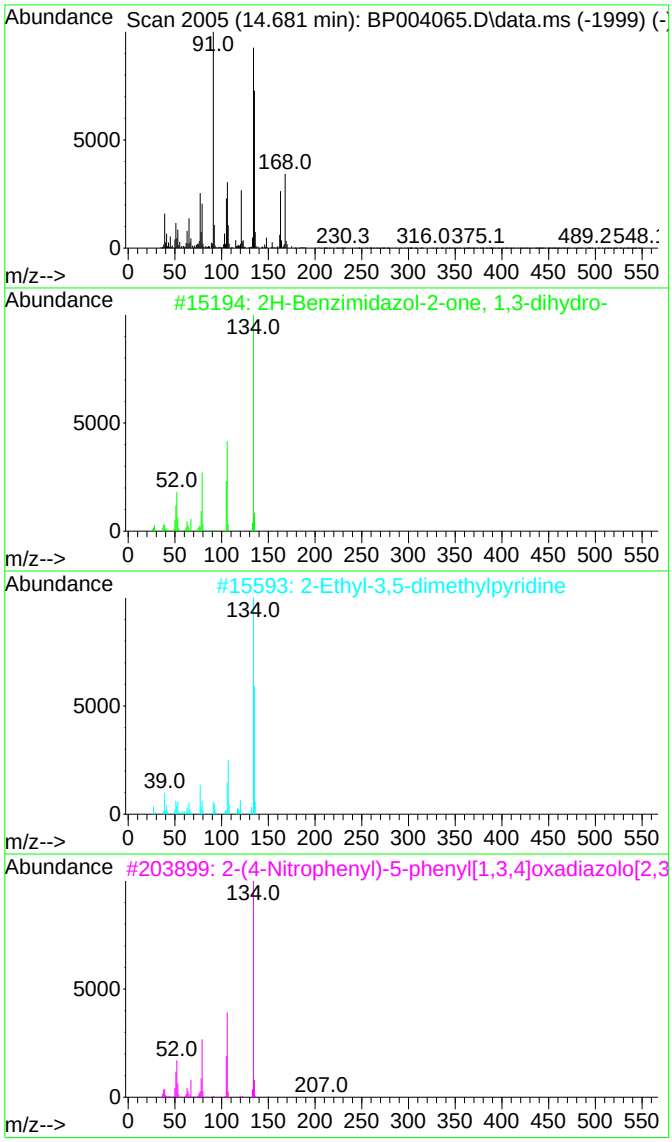
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

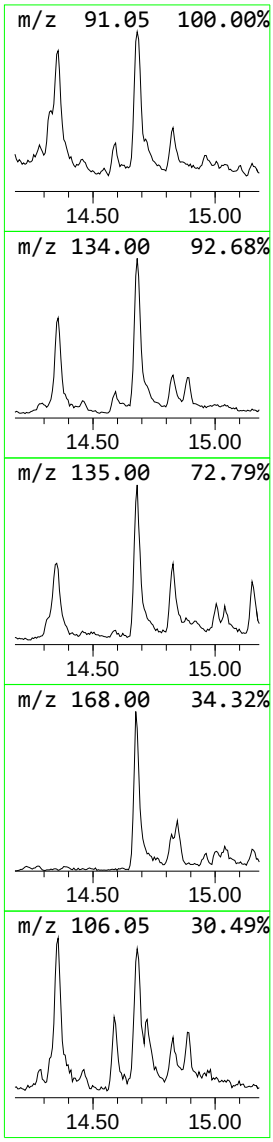
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2H-Benzimidazol-2-one, 1,3-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.681	7.71 ng	458532	Acenaphthene-d10	14.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benzimidazol-2-one, 1,3-dihydro-	134	C7H6N2O	000615-16-7	55
2	2-Ethyl-3,5-dimethylpyridine	135	C9H13N	001123-96-2	38
3	2-(4-Nitrophenyl)-5-phenyl[1,3,4...	383	C21H13N5O3	1000223-27-2	38
4	4-Hydroxybenzimidazole	134	C7H6N2O	067021-83-4	38
5	2-Benzoxazolamine	134	C7H6N2O	004570-41-6	35





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Data File : BP004065.D
Acq On : 23 Nov 2020 20:46
Operator : CG/JU
Sample : L4858-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

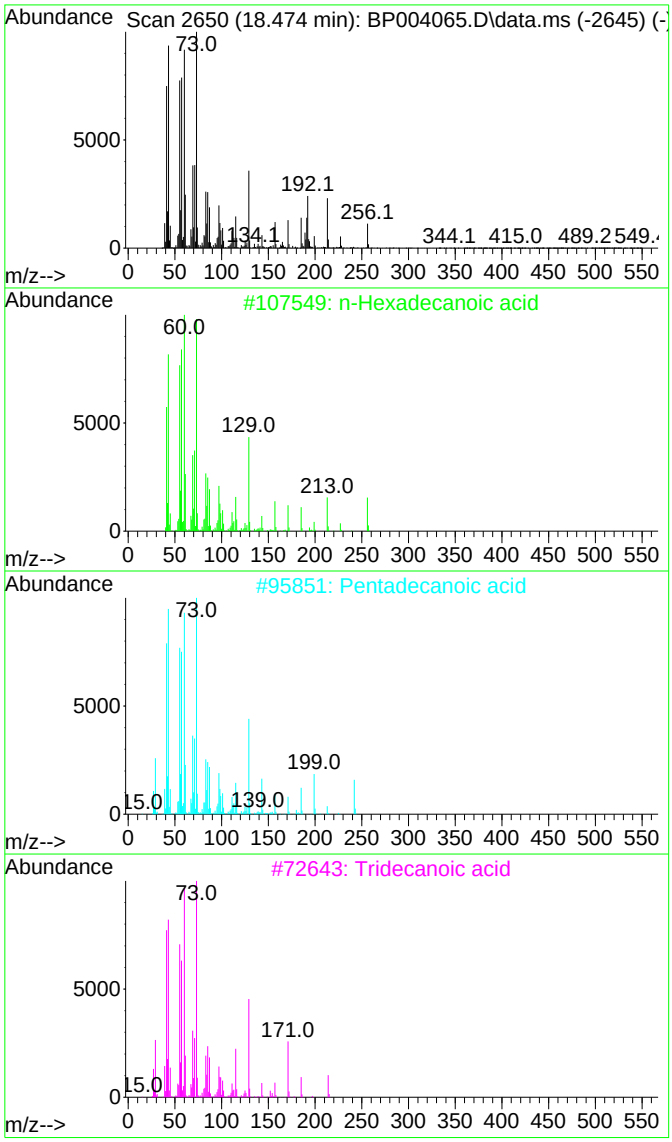
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

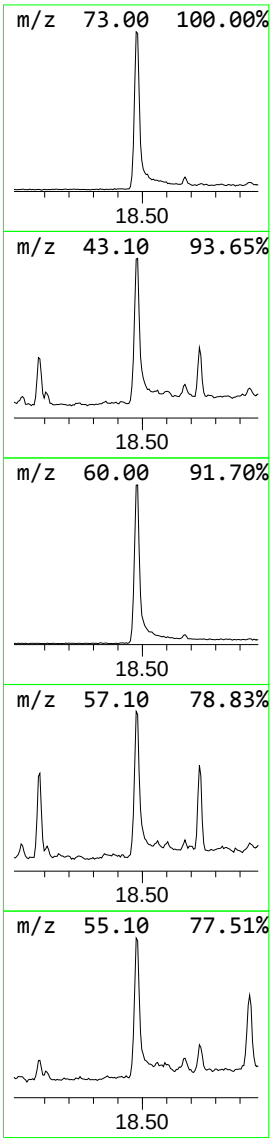
****

Peak Number 10 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.474	22.16 ng	1522030	Phenanthrene-d10	17.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Octadecanoic acid	284	C18H36O2	000057-11-4	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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Data File : BP004065.D
Acq On : 23 Nov 2020 20:46
Operator : CG/JU
Sample : L4858-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

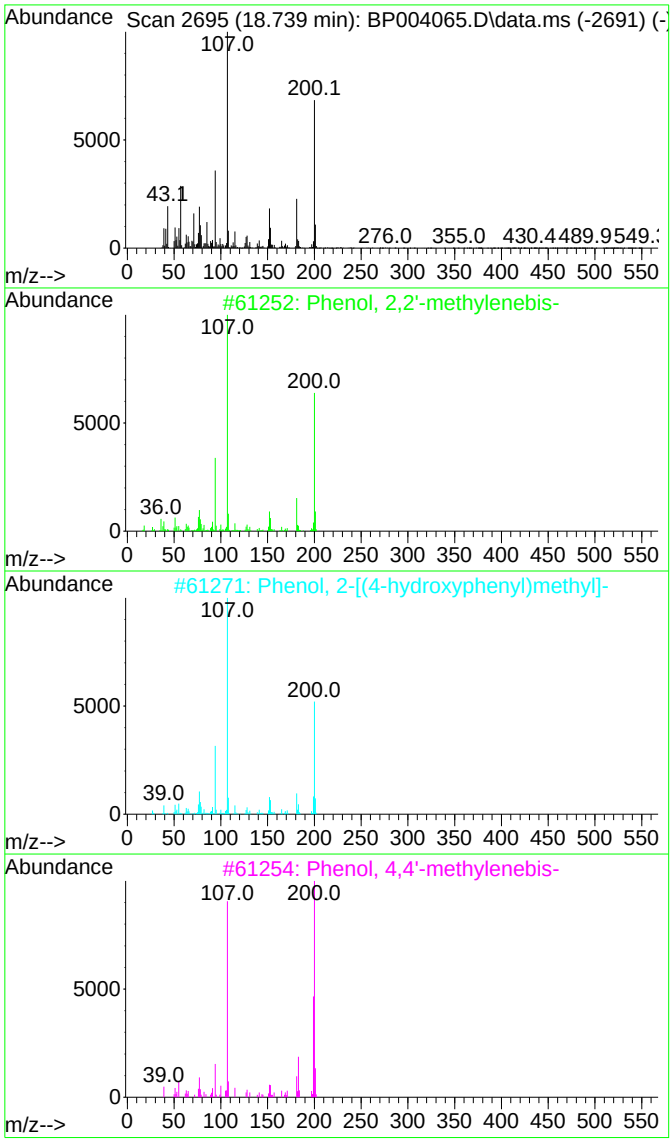
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

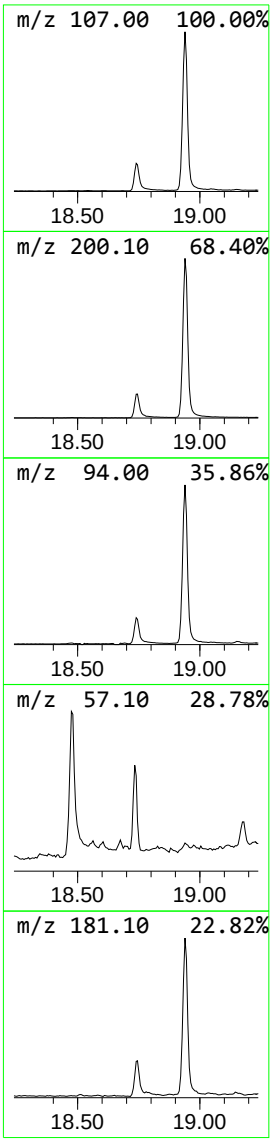
****

Peak Number 11 Phenol, 2,2'-methylenebis- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.739	15.87 ng	1089870	Phenanthrene-d10	17.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,2'-methylenebis-	200	C13H12O2	002467-02-9	91
2	Phenol, 2-[(4-hydroxyphenyl)meth...	200	C13H12O2	002467-03-0	87
3	Phenol, 4,4'-methylenebis-	200	C13H12O2	000620-92-8	64
4	Benzene, 1,1'-[methylenebis(oxy)...	200	C13H12O2	004442-41-5	50
5	4-(2-Methoxyethyl)phenol	152	C9H12O2	056718-71-9	43





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Data File : BP004065.D
Acq On : 23 Nov 2020 20:46
Operator : CG/JU
Sample : L4858-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PHC-340EM-012

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

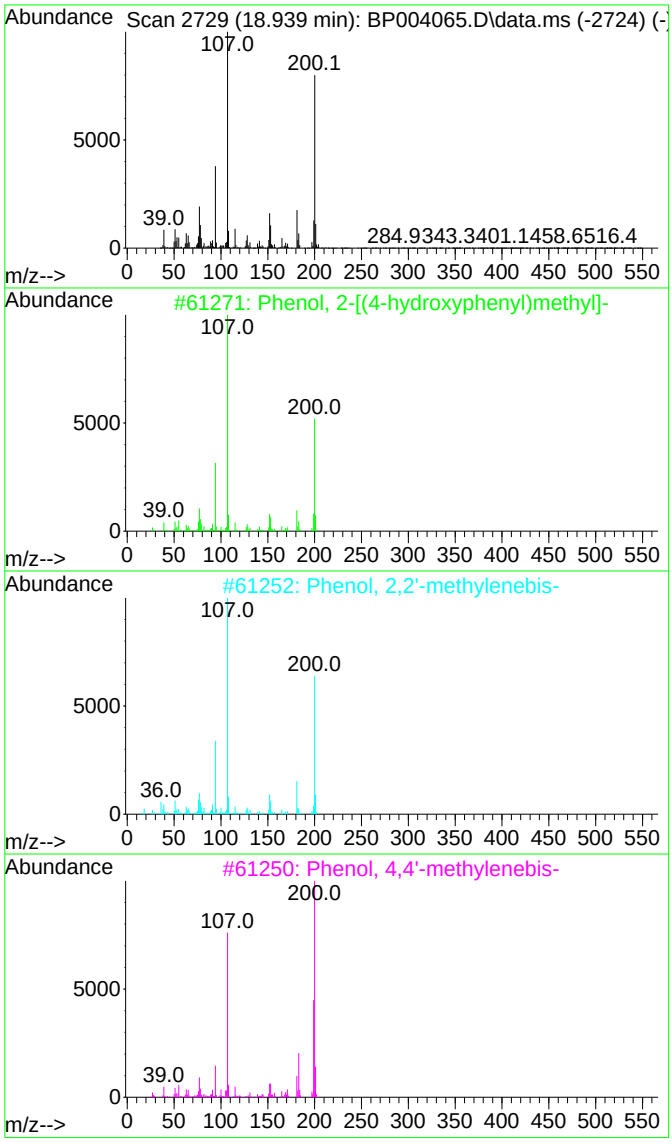
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

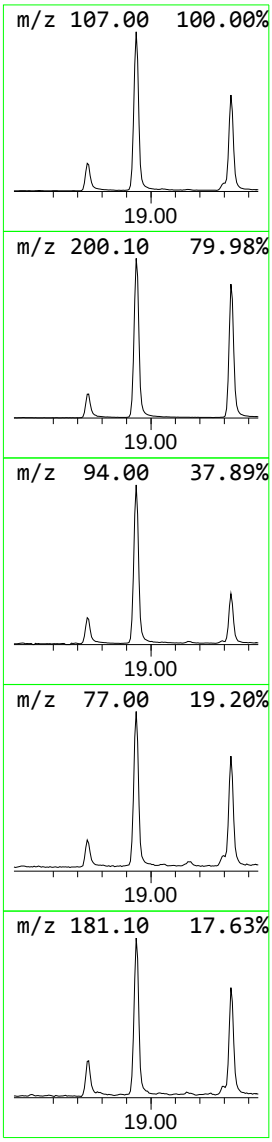
****

Peak Number 12 Phenol, 2-[(4-hydroxyphenyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.939	67.98 ng	4669520	Phenanthrene-d10	17.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-[(4-hydroxyphenyl)meth...	200	C13H12O2	002467-03-0	94
2	Phenol, 2,2'-methylenebis-	200	C13H12O2	002467-02-9	90
3	Phenol, 4,4'-methylenebis-	200	C13H12O2	000620-92-8	86
4	Phosphine, methyldiphenyl-	200	C13H13P	001486-28-8	47
5	1,3-Benzenediol, 4-(phenylmethyl)-	200	C13H12O2	002284-30-2	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112320\
Data File : BP004065.D
Acq On : 23 Nov 2020 20:46
Operator : CG/JU
Sample : L4858-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012

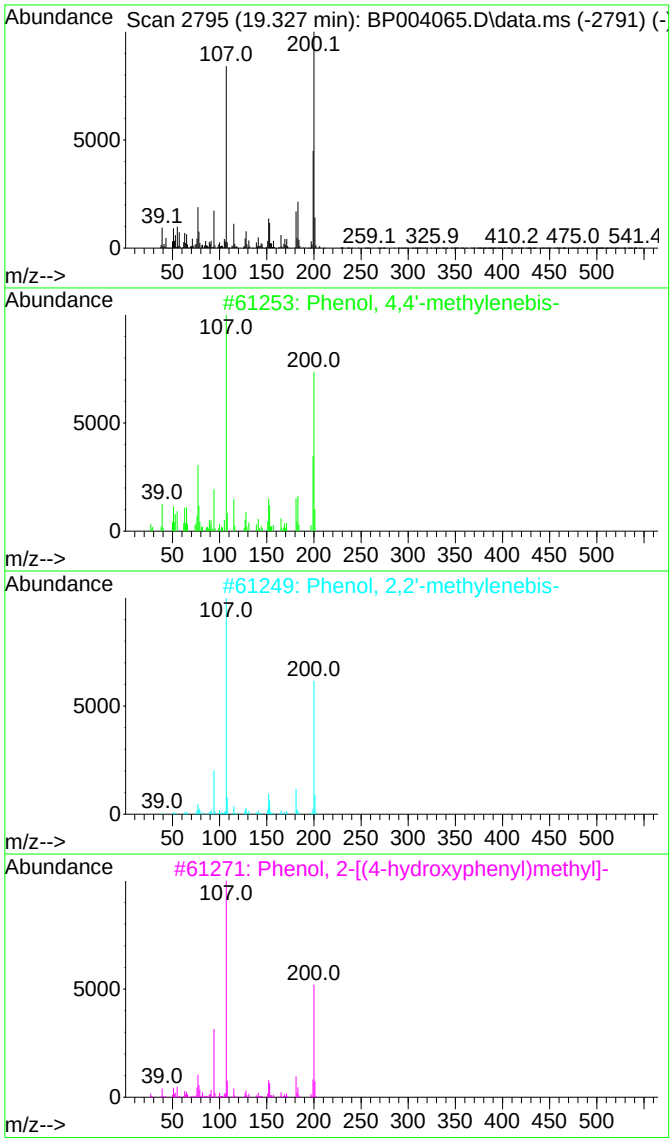
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

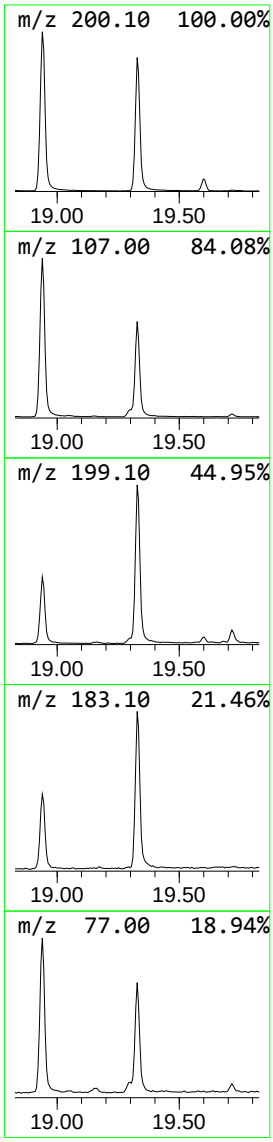
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenol, 4,4'-methylenebis- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.327	51.34 ng	3526000	Phenanthrene-d10	17.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-methylenebis-	200	C13H12O2	000620-92-8	98
2	Phenol, 2,2'-methylenebis-	200	C13H12O2	002467-02-9	81
3	Phenol, 2-[(4-hydroxyphenyl)meth...	200	C13H12O2	002467-03-0	76
4	1,3-Benzenediol, 4-(phenylmethyl)-	200	C13H12O2	002284-30-2	55
5	6-Phenyl-1,6-dihydro-furo[3,4-d]...	200	C11H8N2O2	313263-12-6	38





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Data File : BP004065.D
Acq On : 23 Nov 2020 20:46
Operator : CG/JU
Sample : L4858-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PHC-340EM-012

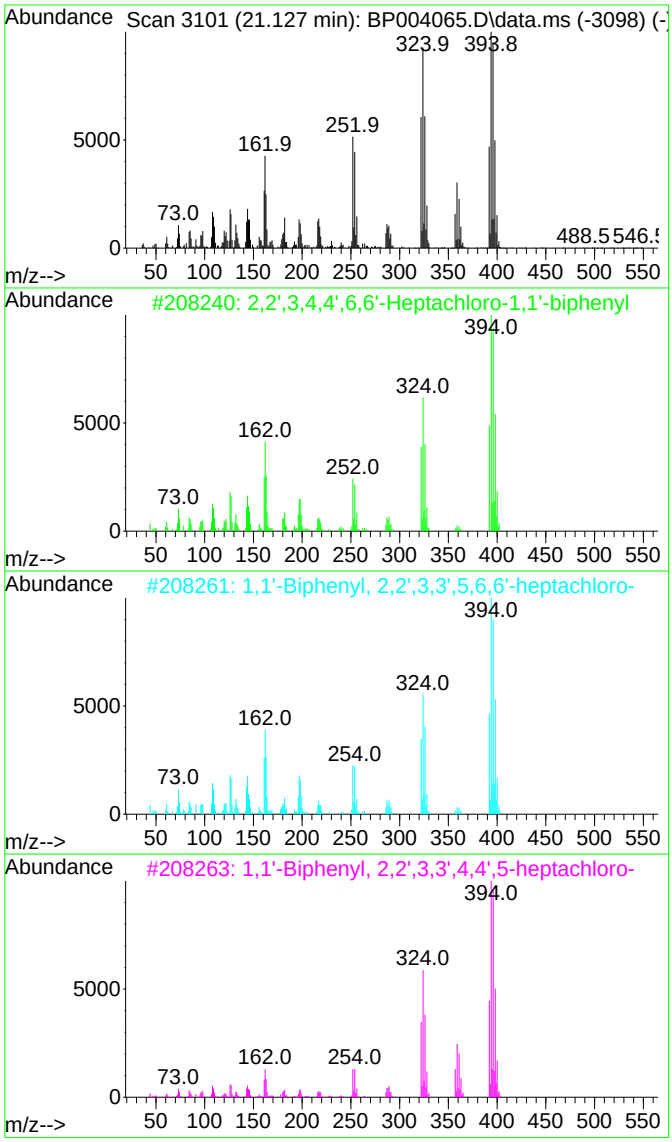
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

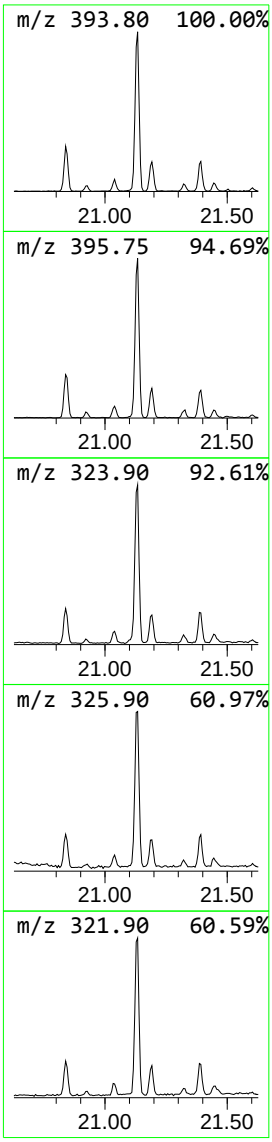
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2,2',3,4,4',6,6'-Heptachlor... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.127	10.28 ng	1200920	Chrysene-d12	21.657

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',5,6,6'-...	392	C12H3Cl7	052663-64-6	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
4	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99
5	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99





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Operator : CG/JU
Sample : L4858-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012

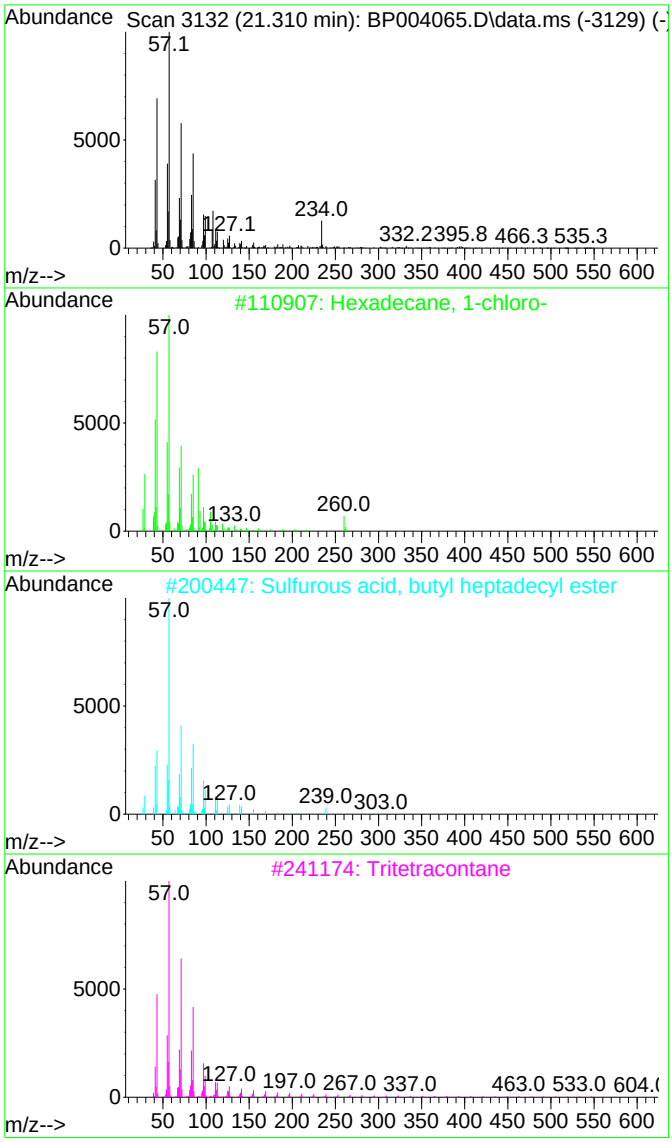
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

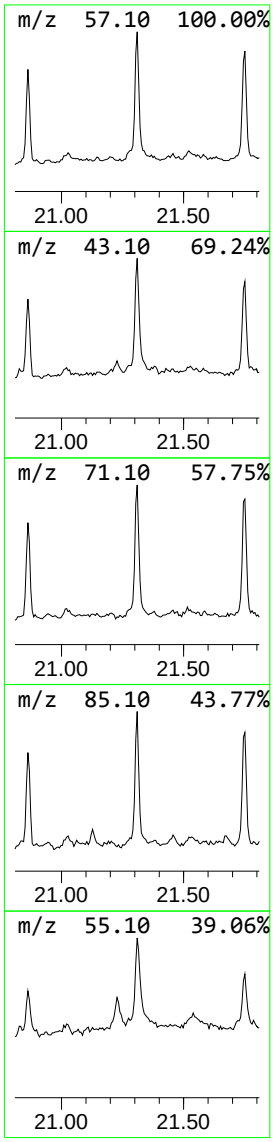
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Hexadecane, 1-chloro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.310	10.22 ng	1193830	Chrysene-d12	21.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	94
2	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	87
3	Tritetracontane	605	C43H88	007098-21-7	83
4	Tetratetracontane	619	C44H90	007098-22-8	83
5	Octacosane	394	C28H58	000630-02-4	76





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Acq On : 23 Nov 2020 20:46
Operator : CG/JU
Sample : L4858-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PHC-340EM-012

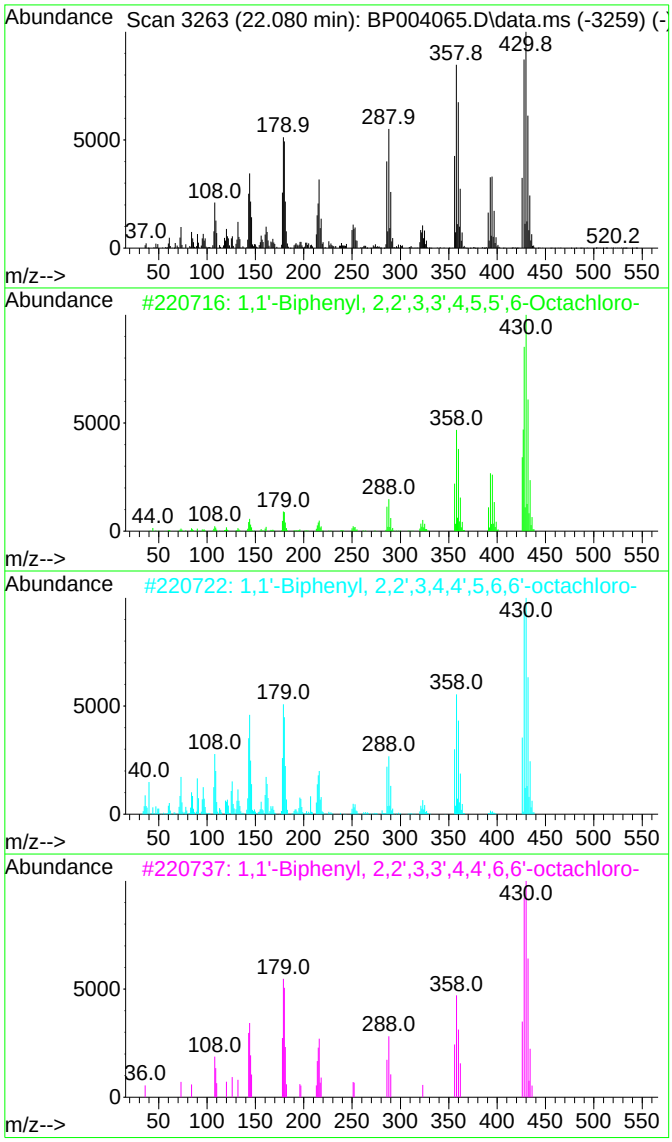
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

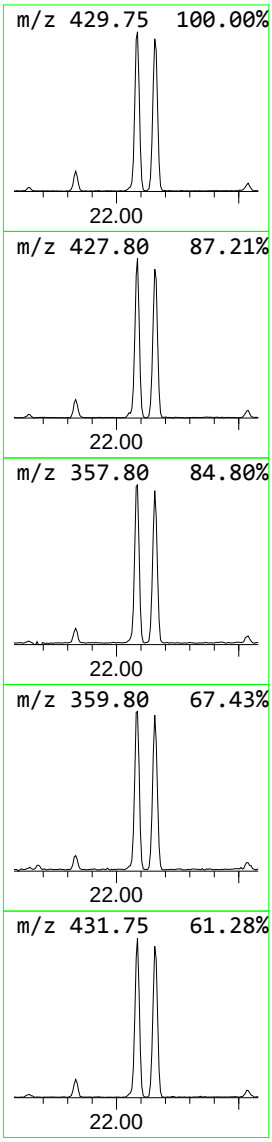
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.080	13.50 ng	1577190	Chrysene-d12	21.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	068194-17-2	99
2	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	99
4	1,1'-Biphenyl, 2,2',3,3',4,5,6,6...	426	C12H2Cl8	052663-73-7	99
5	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112320\
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Acq On : 23 Nov 2020 20:46
Operator : CG/JU
Sample : L4858-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PHC-340EM-012

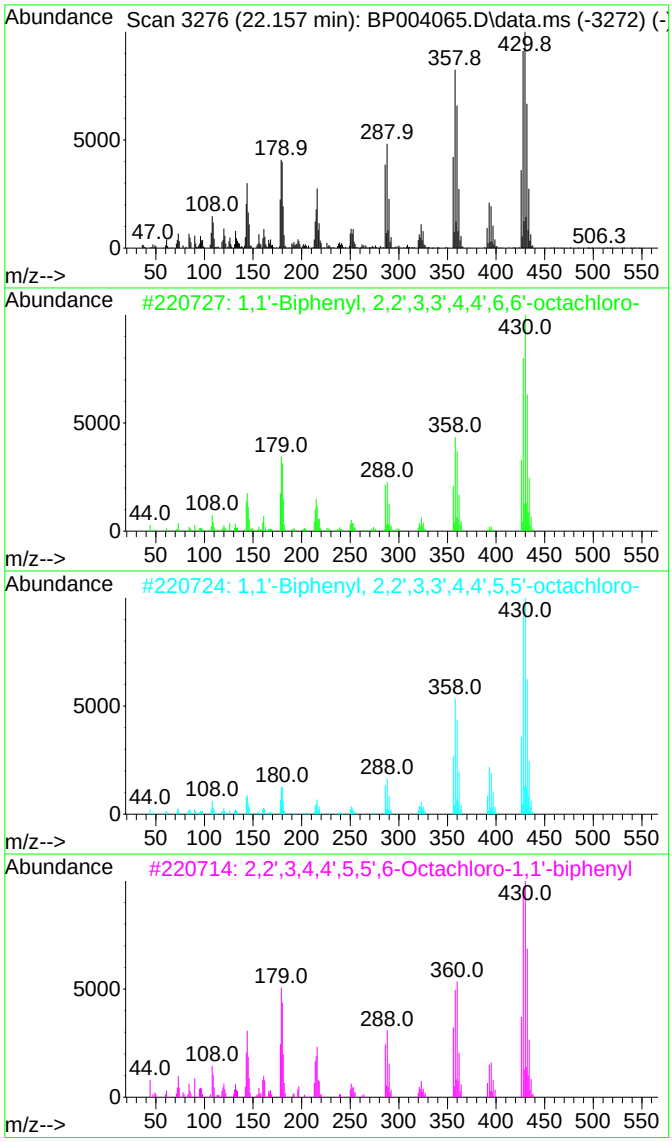
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

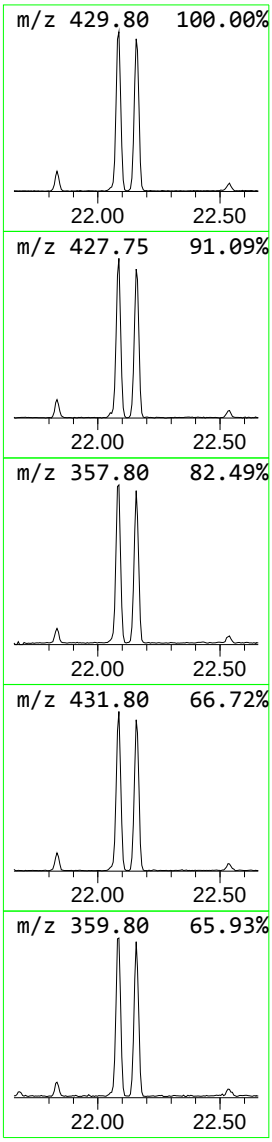
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.157	11.11 ng	1297130	Chrysene-d12	21.657

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',4,4',5,...	426	C12H2Cl8	035694-08-7	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',4,5,6,6...	426	C12H2Cl8	052663-73-7	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	042740-50-1	99





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Data File : BP004065.D
Acq On : 23 Nov 2020 20:46
Operator : CG/JU
Sample : L4858-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PHC-340EM-012

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

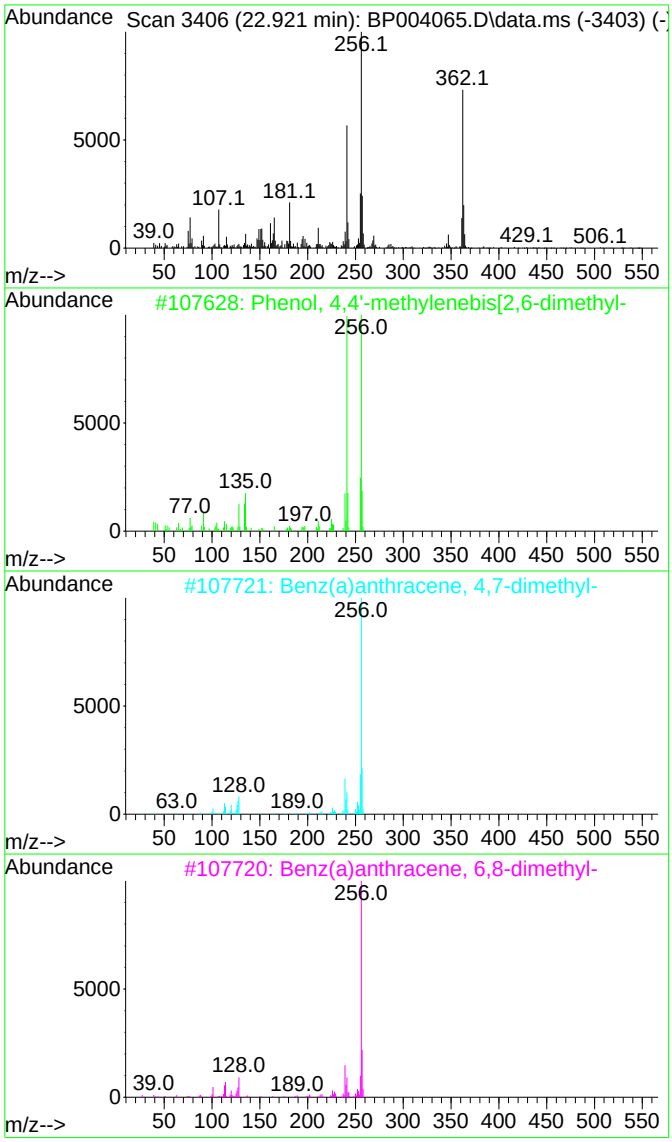
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

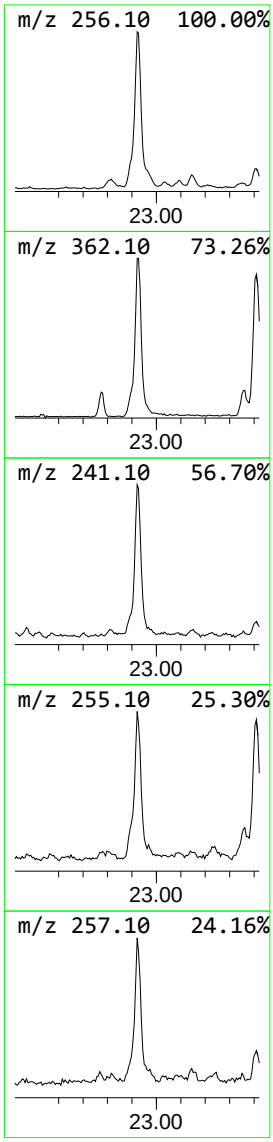
****

Peak Number 18 unknown22.921 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.921	17.02 ng	1097560	Perylene-d12	24.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-methylenebis[2,6-di...	256	C17H20O2	005384-21-4	43
2	Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	30
3	Benz(a)anthracene, 6,8-dimethyl-	256	C20H16	000317-64-6	30
4	2,4-Diamino-5-methyl-6-phenylthi...	256	C13H12N4S	042160-11-2	30
5	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	30





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Acq On : 23 Nov 2020 20:46
Operator : CG/JU
Sample : L4858-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PHC-340EM-012

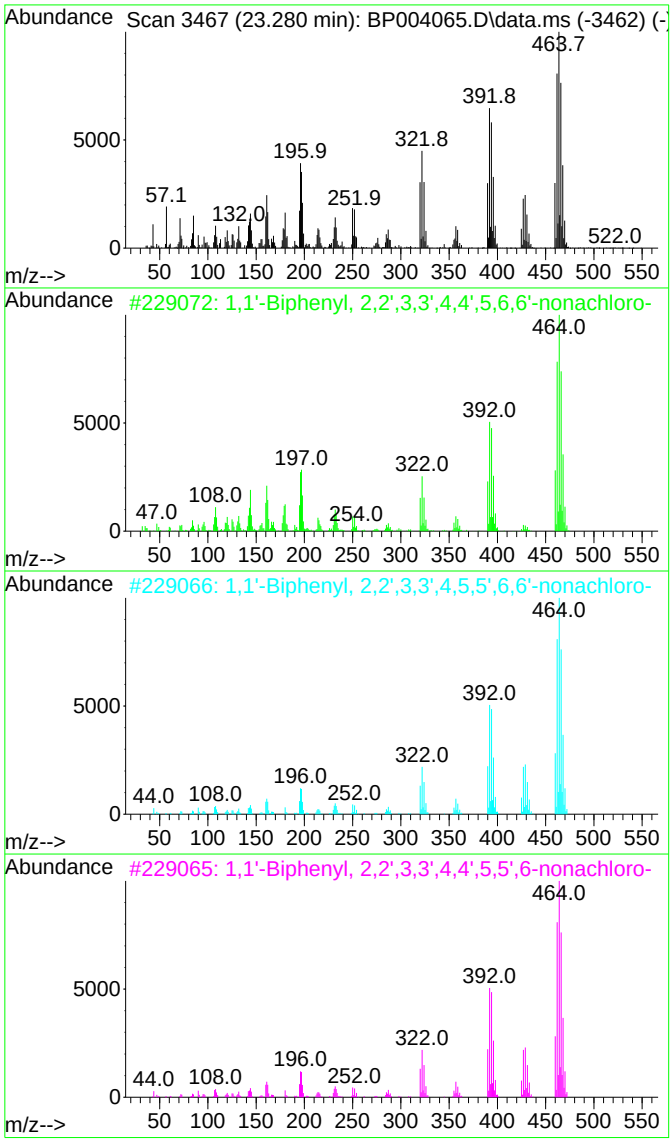
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

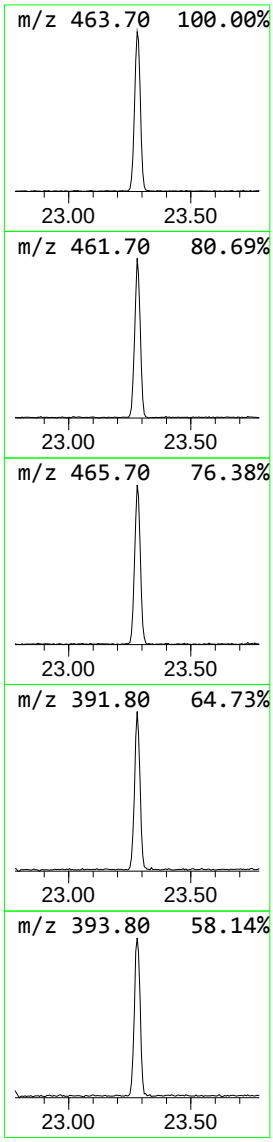
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.280	24.47 ng	1578310	Perylene-d12	24.133

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	99
4	Spiro[benzofuran-2(3H),1'-[2,5]c...	462	C14H9Br3O3	052498-93-8	35
5	5,5',8,8'-Tetramethoxy-6,6'-meth...	462	C26H22O8	104548-70-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112320\
Data File : BP004065.D
Acq On : 23 Nov 2020 20:46
Operator : CG/JU
Sample : L4858-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

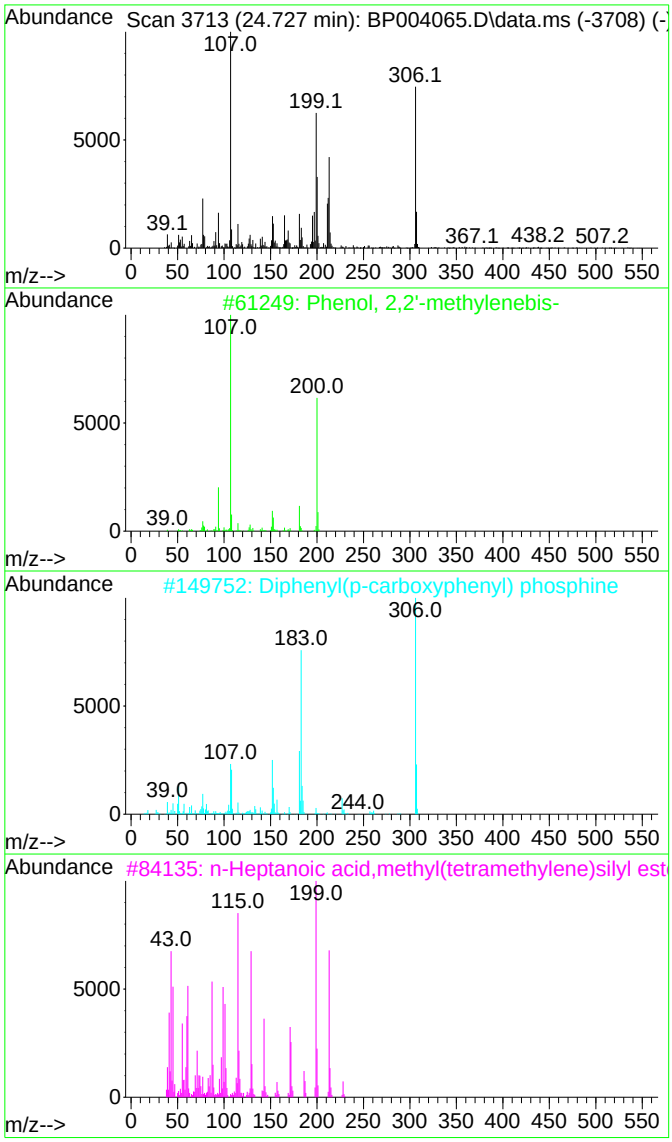
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

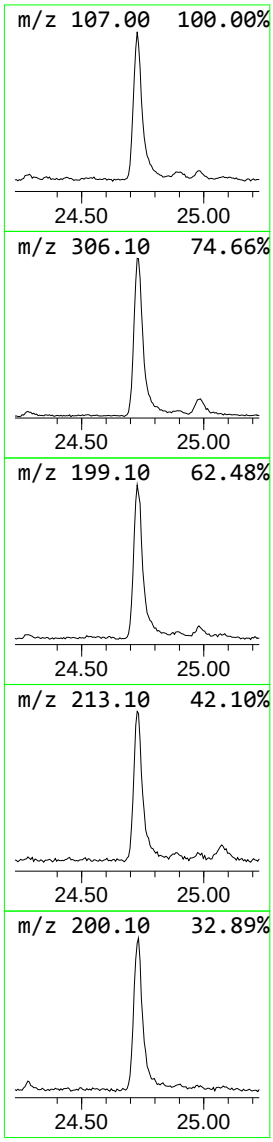
****

Peak Number 20 unknown24.727 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.727	26.61 ng	1716260	Perylene-d12	24.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,2'-methylenebis-	200	C13H12O2	002467-02-9	66
2	Diphenyl(p-carboxyphenyl) phosphine	306	C19H15O2P	002129-31-9	30
3	n-Heptanoic acid,methyl(tetramet...	228	C12H24O2Si	1000217-03-6	18
4	Benzene, 1,1'-[methylenebis(oxy)...	200	C13H12O2	004442-41-5	18
5	Benzyl mandelate	242	C15H14O3	000890-98-2	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112320\
Data File : BP004065.D
Acq On : 23 Nov 2020 20:46
Operator : CG/JU
Sample : L4858-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PHC-340EM-012

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.916	2.916	248.8	ng	8977460	1	8.263	721630	20.0
2-Pentanone, 4-...	5.263	24.4	ng	879026	1	8.263	721630	20.0
unknown13.251	13.251	13.7	ng	813439	3	14.886	1188790	20.0
unknown13.387	13.387	14.2	ng	844911	3	14.886	1188790	20.0
unknown13.710	13.710	6.0	ng	356913	3	14.886	1188790	20.0
unknown14.110	14.110	9.1	ng	543433	3	14.886	1188790	20.0
Benzene, (1-met...	14.145	7.5	ng	448836	3	14.886	1188790	20.0
2H-Benzimidazol...	14.681	7.7	ng	458532	3	14.886	1188790	20.0
n-Hexadecanoic ...	18.474	22.2	ng	1522030	4	17.622	1373710	20.0
Phenol, 2,2'-me...	18.739	15.9	ng	1089870	4	17.622	1373710	20.0
Phenol, 2-[(4-h...	18.939	68.0	ng	4669520	4	17.622	1373710	20.0
Phenol, 4,4'-me...	19.327	51.3	ng	3526000	4	17.622	1373710	20.0
2,2',3,4,4',6,6...	21.127	10.3	ng	1200920	5	21.657	2336030	20.0
Hexadecane, 1-c...	21.310	10.2	ng	1193830	5	21.657	2336030	20.0
1,1'-Biphenyl, ...	22.080	13.5	ng	1577190	5	21.657	2336030	20.0
1,1'-Biphenyl, ...	22.157	11.1	ng	1297130	5	21.657	2336030	20.0
unknown22.921	22.921	17.0	ng	1097560	6	24.133	1289850	20.0
1,1'-Biphenyl, ...	23.280	24.5	ng	1578310	6	24.133	1289850	20.0
unknown24.727	24.727	26.6	ng	1716260	6	24.133	1289850	20.0