LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005681.D
Acq On : 03 Jun 2021 00:02
Operator : CG/JU
Sample : M2580-13 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B5(0-2)

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-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005681.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.552	413	419	426	rBV	220998	345296	1.51%	0.175%
2	6.675	604	610	617	rVB	721183	1153190	5.05%	0.586%
3	7.152	683	691	700	rBV	294639	625339	2.74%	0.318%
4	7.481	742	747	755	rVB	366511	565916	2.48%	0.288%
5	7.616	765	770	779	rBV2	162078	312558	1.37%	0.159%
6	7.893	811	817	825	rBV	203927	386750	1.69%	0.197%
7	7.993	825	834	842	rVV	971203	1668463	7.31%	0.848%
8	8.134	850	858	863	rBV2	277629	485672	2.13%	0.247%
9	9.152	1027	1031	1036	rVV	151606	290866	1.27%	0.148%
10	9.234	1036	1045	1055	rVB3	254775	592913	2.60%	0.301%
11	10.216	1205	1212	1218	rBV4	242356	460570	2.02%	0.234%
12	10.804	1302	1312	1315	rBV	1294857	2320293	10.16%	1.179%
13	10.852	1315	1320	1327	rVB	2959756	4916443	21.53%	2.498%
14	12.451	1583	1592	1601	rVB	1073116	1703689	7.46%	0.866%
15	12.669	1620	1629	1639	rVB	687989	1131409	4.96%	0.575%
16	13.246	1721	1727	1733	rVB	497208	727256	3.19%	0.370%
17	13.451	1756	1762	1770	rBV2	389312	599088	2.62%	0.304%
18	13.651	1791	1796	1809	rVB	182063	377014	1.65%	0.192%
19	13.781	1810	1818	1820	rBV	262976	434750	1.90%	0.221%
20	13.940	1839	1845	1850	rBV	442309	781843	3.42%	0.397%
21	13.993	1850	1854	1860	rVB	324194	461626	2.02%	0.235%
22	14.175	1876	1885	1889	rBV	248837	423067	1.85%	0.215%
23	14.340	1908	1913	1922	rVB	245922	379635	1.66%	0.193%
24	14.616	1950	1960	1965	rBV	2179485	3478043	15.23%	1.767%
25	14.681	1965	1971	1978	rVB	3206839	4814347	21.09%	2.447%
26	14.822	1989	1995	2004	rBV	99553	248292	1.09%	0.126%
27	14.928	2004	2013	2017	rBV3	184465	342723	1.50%	0.174%
28	15.016	2021	2028	2034	rVB	2082696	3069331	13.44%	1.560%
29	15.228	2056	2064	2069	rBV3	146336	321698	1.41%	0.163%
30	15.404	2087	2094	2097	rBV2	114168	231349	1.01%	0.118%
31	15.663	2131	2138	2148	rBV	3910895	5710837	25.01%	2.902%
32	15.751	2148	2153	2156	rVV3	180287	331850	1.45%	0.169%
33	15.787	2156	2159	2162	rVV	333719	495817	2.17%	0.252%
34	15.822	2162	2165	2169	rVV2	521570	742086	3.25%	0.377%
35	15.869	2169	2173	2176	rVV2	210235	342827	1.50%	0.174%
36	15.910	2176	2180	2183	rVV	280712	436808	1.91%	0.222%

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Misc :
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Instrument : BNA_P
ClientSampleId : 18-B5(0-2)

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.951	2183	2187	2196	rVB	567446	869680	3.81%	0.442%
38	16.098	2207	2212	2220	rVB	803681	1456746	6.38%	0.740%
39	16.328	2246	2251	2265	rVB4	197758	533937	2.34%	0.271%
40	16.663	2302	2308	2313	rVB2	468626	793183	3.47%	0.403%
41	16.716	2313	2317	2322	rVB2	219885	325417	1.43%	0.165%
42	16.816	2330	2334	2339	rVB2	221467	313567	1.37%	0.159%
43	16.934	2350	2354	2357	rVB2	191777	250807	1.10%	0.127%
44	17.016	2365	2368	2374	rVB4	142393	232934	1.02%	0.118%
45	17.116	2382	2385	2391	rVB2	290872	401603	1.76%	0.204%
46	17.181	2391	2396	2405	rVB	1190373	1826860	8.00%	0.928%
47	17.363	2421	2427	2430	rBV	2553706	3869558	16.95%	1.966%
48	17.410	2430	2435	2441	rVV	14838973	22830754	100.00%	11.602%
49	17.498	2441	2450	2455	rVV	4849055	7225279	31.65%	3.672%
50	17.557	2455	2460	2465	rVB	440249	728203	3.19%	0.370%
51	17.763	2485	2495	2505	rBV	3306147	5264715	23.06%	2.675%
52	17.851	2507	2510	2512	rBV2	194362	240209	1.05%	0.122%
53	18.069	2545	2547	2556	rVB2	129325	278492	1.22%	0.142%
54	18.222	2569	2573	2577	rBV	1224813	1658996	7.27%	0.843%
55	18.269	2577	2581	2588	rVB2	1941115	2700164	11.83%	1.372%
56	18.345	2589	2594	2599	rBV	699743	1072868	4.70%	0.545%
57	18.416	2600	2606	2609	rBV2	2860840	4447850	19.48%	2.260%
58	18.445	2609	2611	2616	rVB	815208	859469	3.76%	0.437%
59	18.516	2619	2623	2626	rVV2	265891	415566	1.82%	0.211%
60	18.551	2626	2629	2633	rVB	287042	332400	1.46%	0.169%
61	18.639	2641	2644	2648	rBV2	180981	258031	1.13%	0.131%
62	18.698	2650	2654	2659	rVV	992735	1343087	5.88%	0.683%
63	18.939	2693	2695	2699	rVB	241842	233150	1.02%	0.118%
64	19.110	2719	2724	2730	rBV2	500171	1203096	5.27%	0.611%
65	19.239	2744	2746	2752	rBV3	174846	279918	1.23%	0.142%
66	19.369	2761	2768	2773	rBV	13028023	18396833	80.58%	9.349%
67	19.451	2780	2782	2786	rVB	309420	350420	1.53%	0.178%
68	19.598	2804	2807	2810	rVB	436628	484670	2.12%	0.246%
69	19.686	2816	2822	2823	rBV	2707245	3869931	16.95%	1.967%
70	19.716	2823	2827	2834	rVB	10554127	15309135	67.05%	7.780%
71	19.775	2834	2837	2841	rBV2	468310	681558	2.99%	0.346%
72	19.898	2852	2858	2862	rVB2	1011968	1888364	8.27%	0.960%
73	19.945	2863	2866	2870	rVB	458883	560049	2.45%	0.285%
74	20.016	2874	2878	2880	rBV	598327	937405	4.11%	0.476%
75	20.075	2885	2888	2892	rVB	562603	659590	2.89%	0.335%
76	20.192	2904	2908	2912	rVB	2384584	3080686	13.49%	1.566%

LSC Area Percent Report

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B5(0-2)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.286	2920	2924	2928	rBV	2049672	2570651	11.26%	1.306%
78	20.680	2989	2991	2996	rVB2	497860	458512	2.01%	0.233%
79	21.080	3056	3059	3062	rBV	782150	933448	4.09%	0.474%
80	21.122	3063	3066	3070	rVV3	968833	1513955	6.63%	0.769%
81	21.327	3098	3101	3107	rVB	2166959	2694293	11.80%	1.369%
82	21.422	3112	3117	3122	rVV3	6497756	12871726	56.38%	6.541%
83	21.469	3122	3125	3135	rVB	4475723	6366517	27.89%	3.235%
84	21.757	3171	3174	3180	rVB	880337	1116583	4.89%	0.567%
85	23.133	3403	3408	3414	rBV	2899205	7321315	32.07%	3.721%
86	23.668	3496	3499	3507	rVB	1889511	3444900	15.09%	1.751%
87	23.774	3512	3517	3525	rVB	3527378	7313169	32.03%	3.716%

Sum of corrected areas: 196779903

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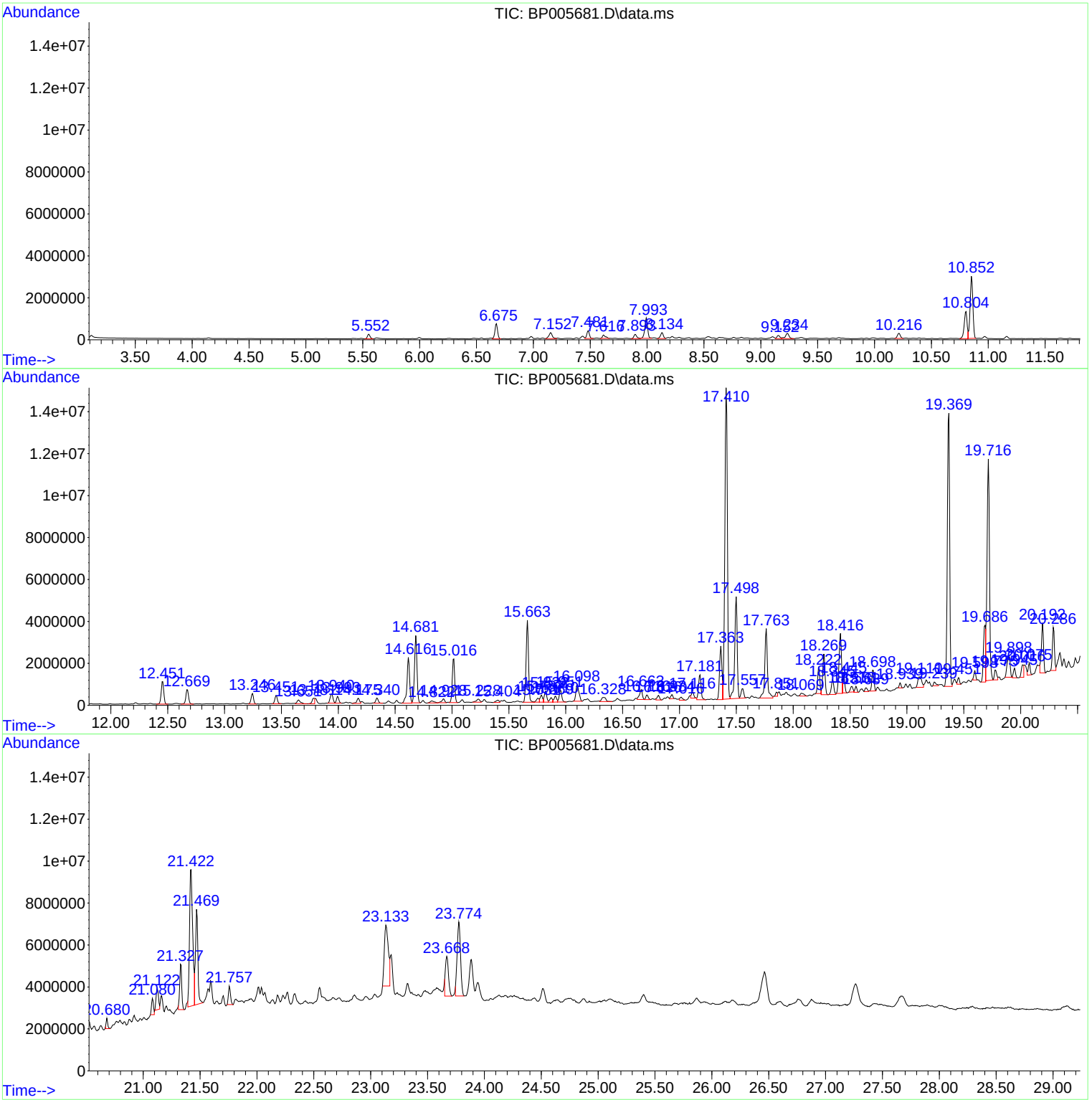
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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\BP060221\
Data File : BP005681.D
Acq On : 03 Jun 2021 00:02
Operator : CG/JU
Sample : M2580-13 10X
Misc :
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Instrument :
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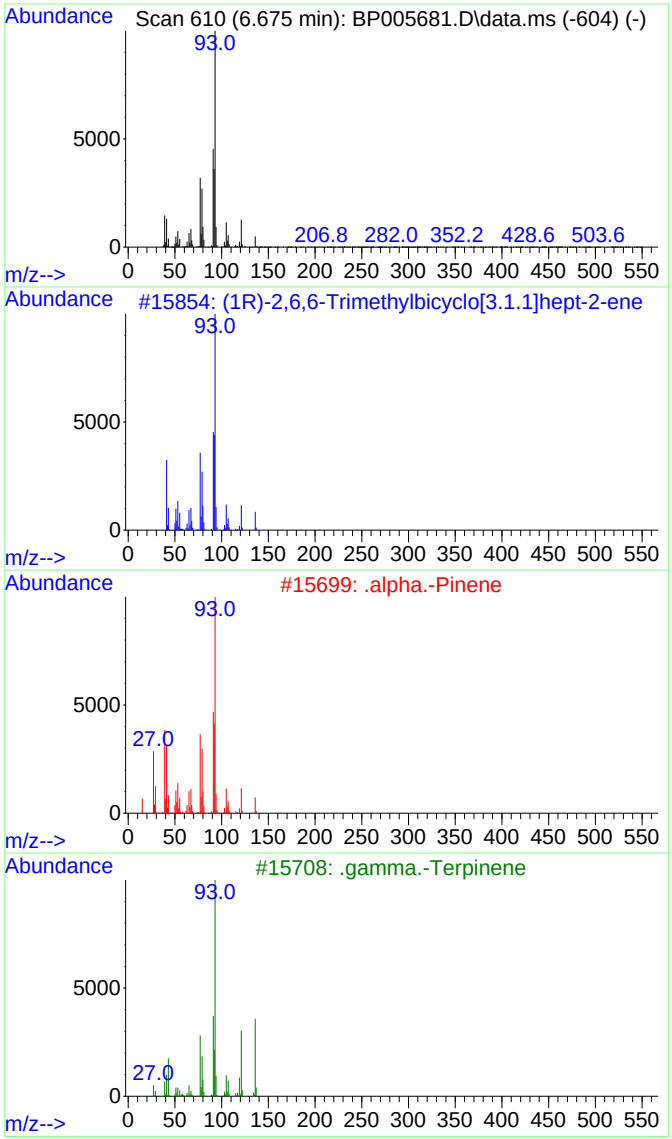
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

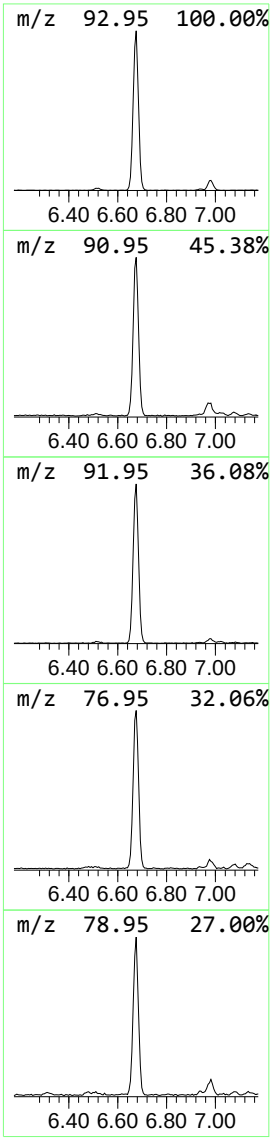
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.675	13.82 ng	1153190	1,4-Dichlorobenzene-d4	7.993

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	95
3	.gamma.-Terpinene	136	C10H16	000099-85-4	91
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(0-2)

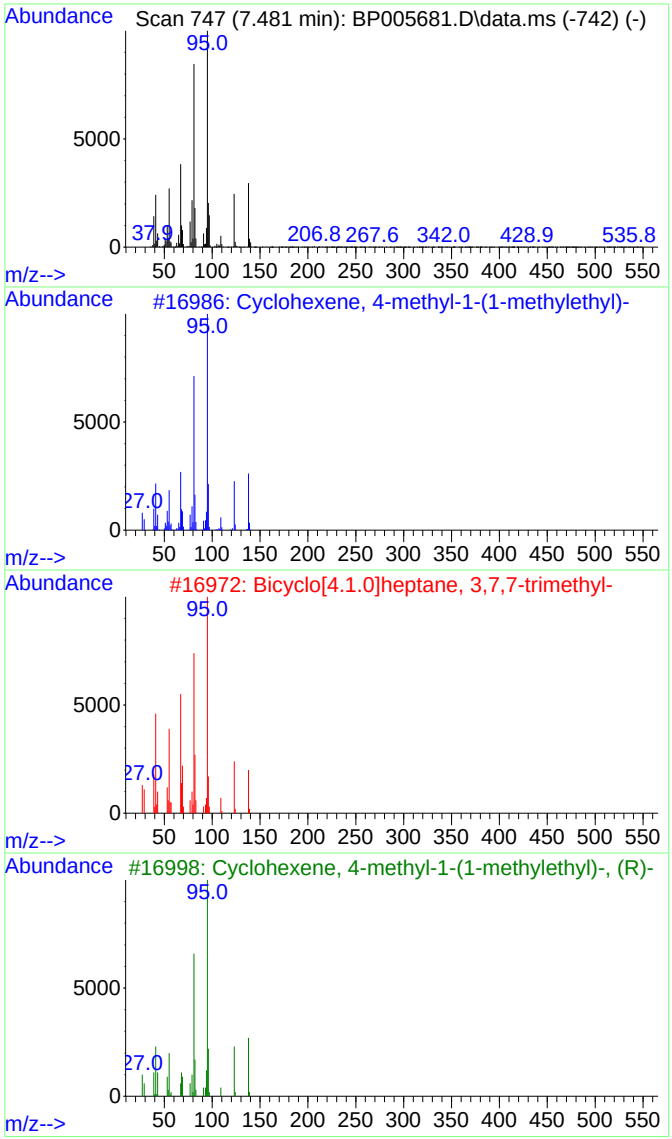
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

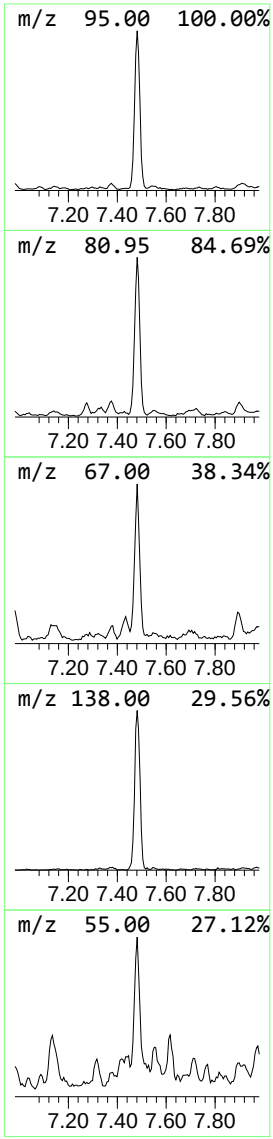
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexene, 4-methyl-1-(1-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.481	6.78 ng	565916	1,4-Dichlorobenzene-d4	7.993

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	95
2	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	83
3	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000619-52-3	81
4	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	72
5	Cyclohexene, 1-methyl-4-(1-methy...	138	C10H18	001195-31-9	64





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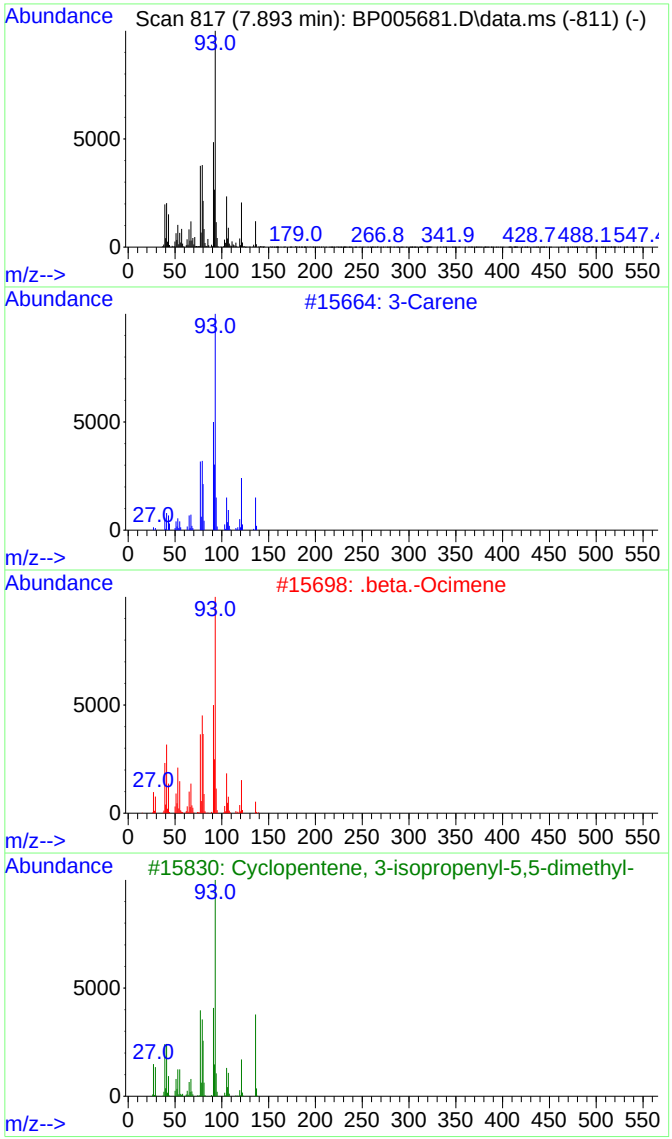
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

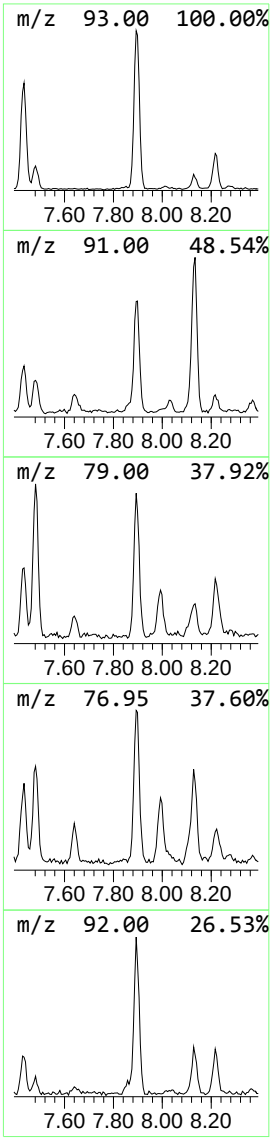
****

Peak Number 3 3-Carene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.893	4.64 ng	386750	1,4-Dichlorobenzene-d4	7.993

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Carene	136	C10H16	013466-78-9	95
2	.beta.-Ocimene	136	C10H16	013877-91-3	91
3	Cyclopentene, 3-isopropenyl-5,5-...	136	C10H16	1000162-25-4	90
4	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	90
5	.gamma.-Terpinene	136	C10H16	000099-85-4	87





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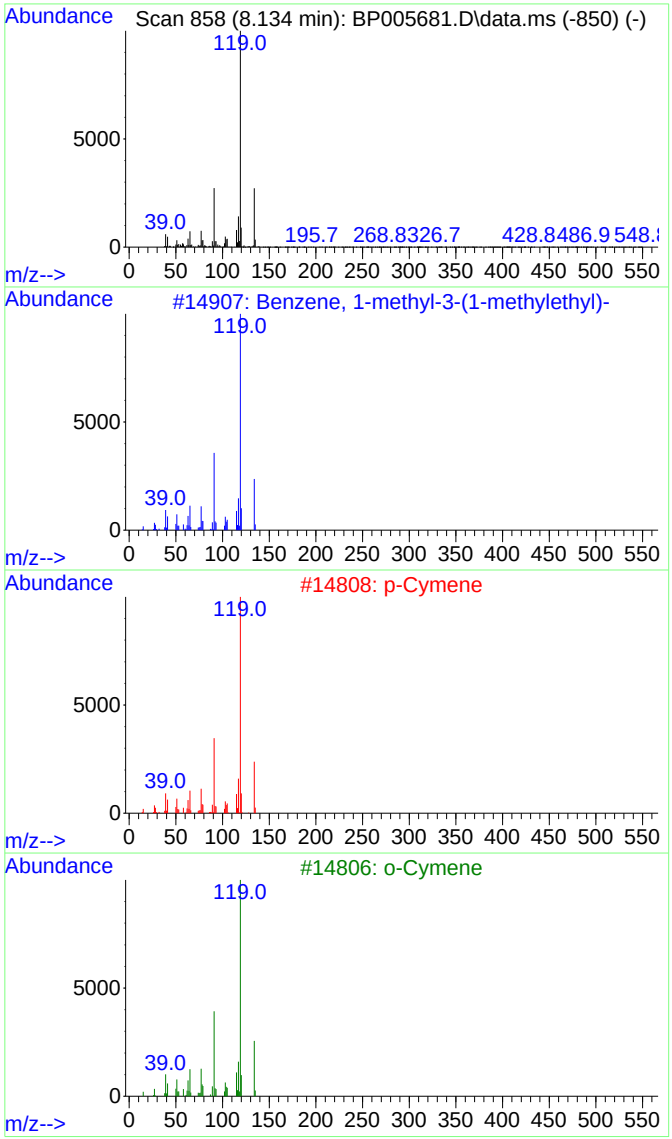
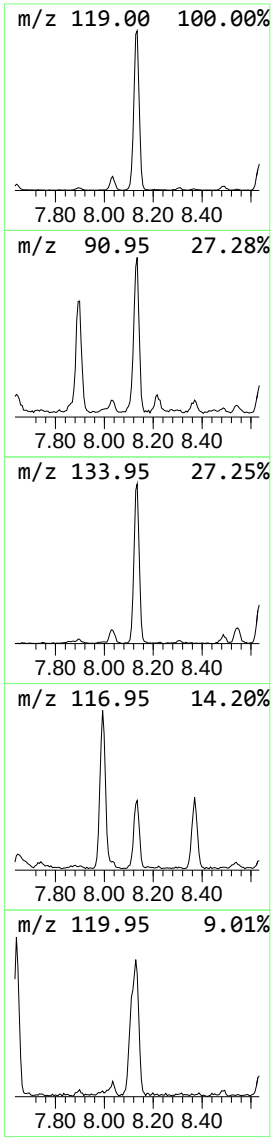
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-methyl-3-(1-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.134	5.82 ng	485672	1,4-Dichlorobenzene-d4	7.993

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	p-Cymene	134	C10H14	000099-87-6	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
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Acq On : 03 Jun 2021 00:02
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

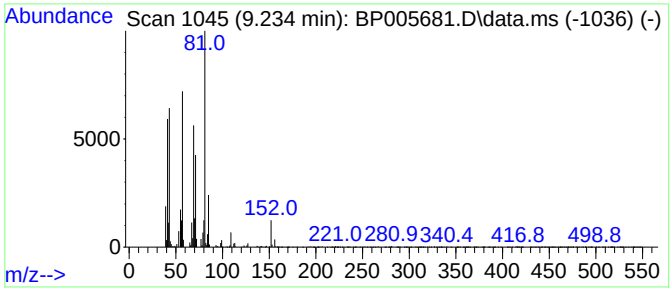
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

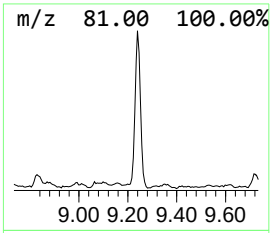
****

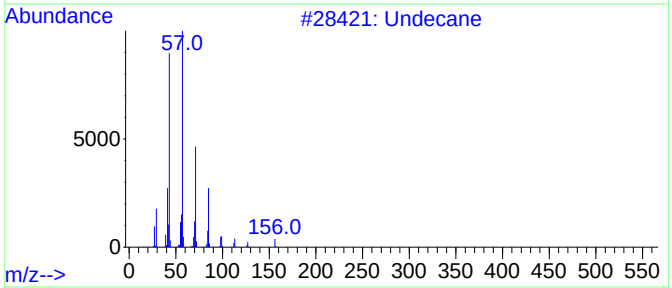
Peak Number 5 Undecane Concentration Rank 7

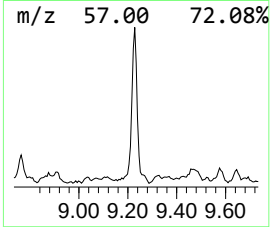
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.234	7.11 ng	592913	1,4-Dichlorobenzene-d4	7.993

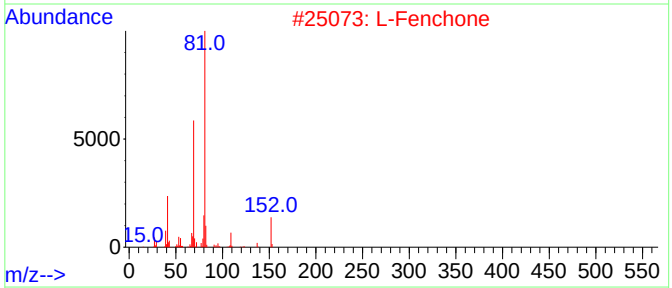
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	55
2	L-Fenchone	152	C10H16O	007787-20-4	49
3	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	46
4	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	27
5	Hexadecane	226	C16H34	000544-76-3	27

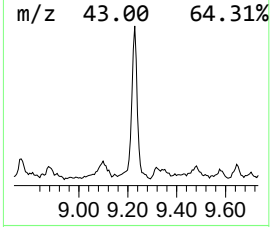


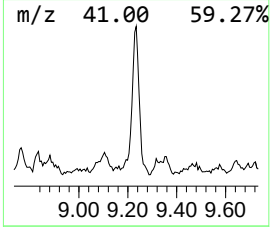


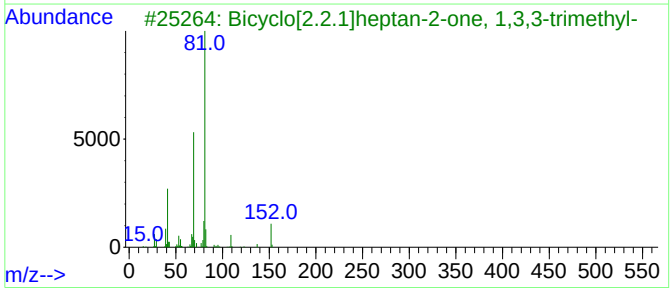


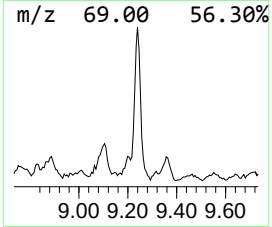












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Data File : BP005681.D
Acq On : 03 Jun 2021 00:02
Operator : CG/JU
Sample : M2580-13 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

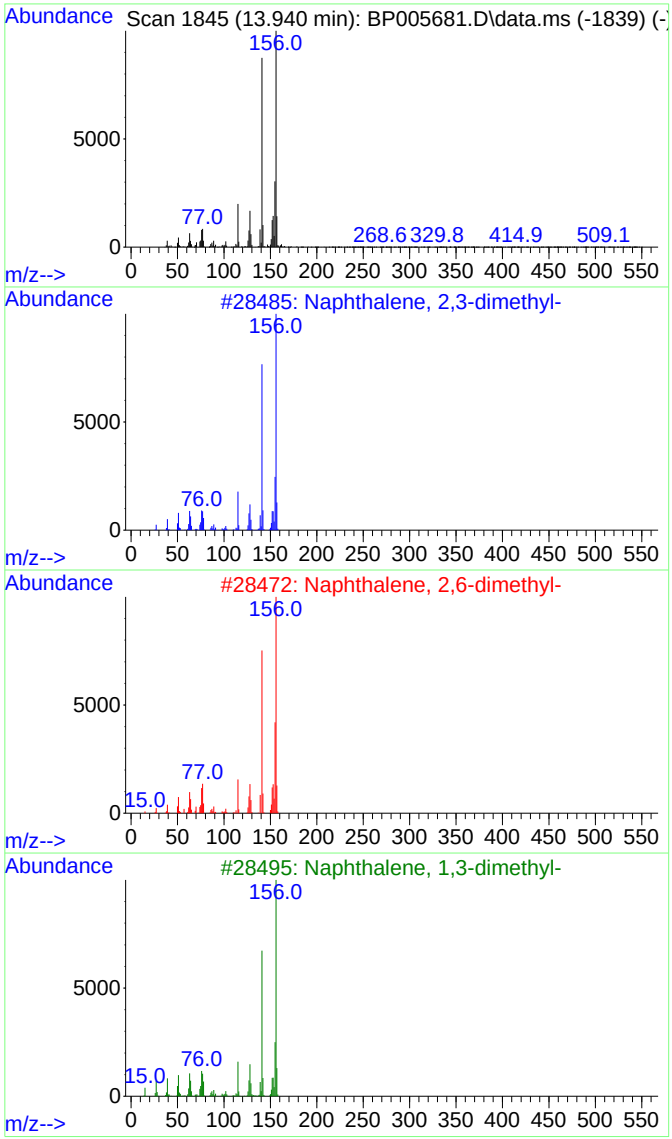
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

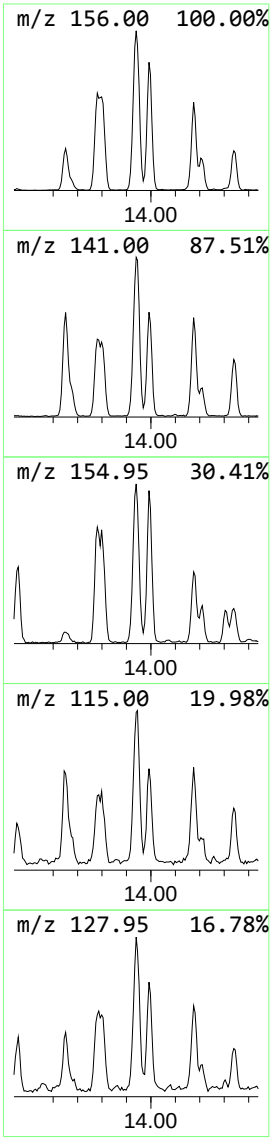
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.940	4.50 ng	781843	Acenaphthene-d10	14.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005681.D
Acq On : 03 Jun 2021 00:02
Operator : CG/JU
Sample : M2580-13 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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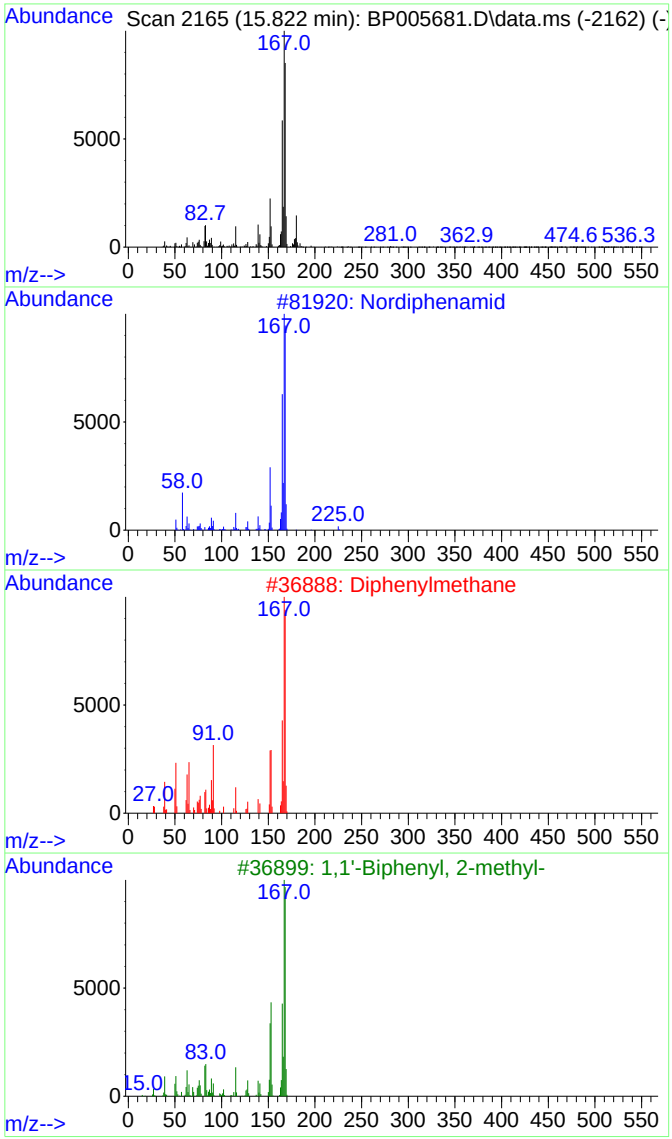
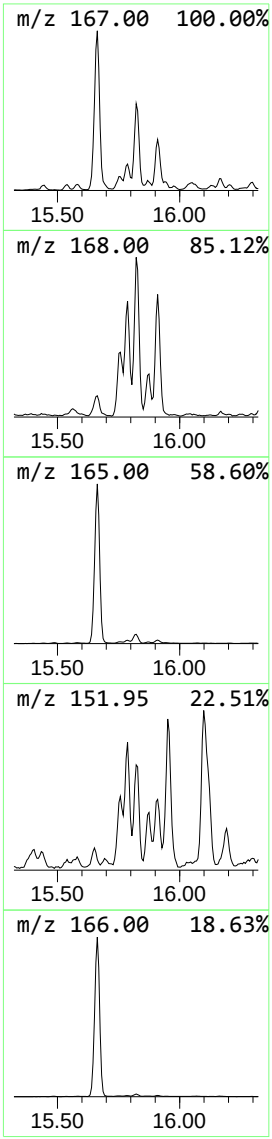
Peak Number 7 Nordiphenamid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.822	4.27 ng	742086	Acenaphthene-d10	14.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	87
2	Diphenylmethane	168	C13H12	000101-81-5	76
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	64
4	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	58
5	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	58





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Data File : BP005681.D
Acq On : 03 Jun 2021 00:02
Operator : CG/JU
Sample : M2580-13 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

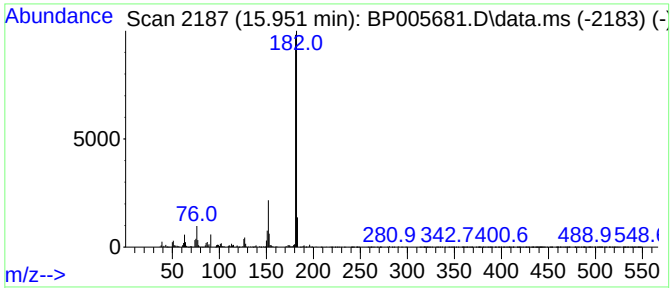
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

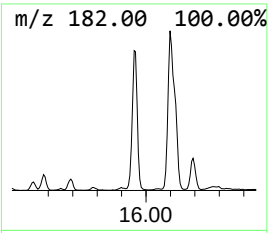
****

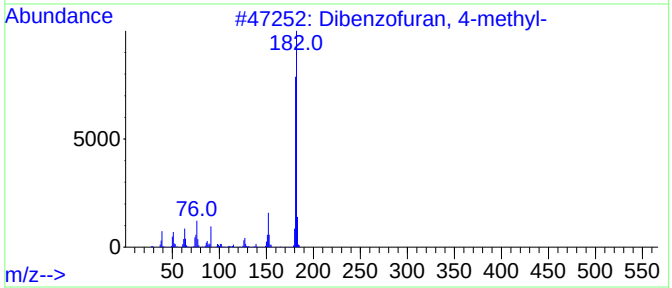
Peak Number 8 Dibenzofuran, 4-methyl- Concentration Rank 13

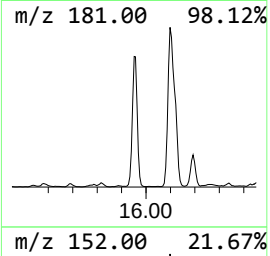
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.951	5.00 ng	869680	Acenaphthene-d10	14.616

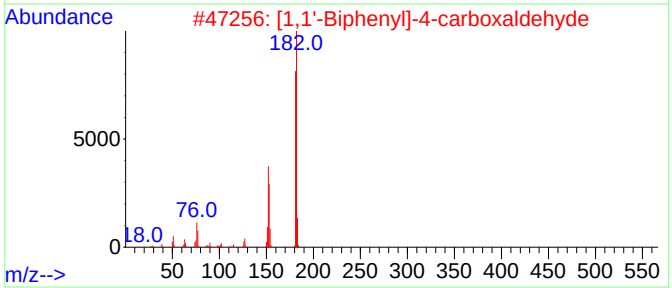
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	72
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72

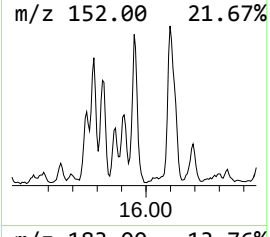


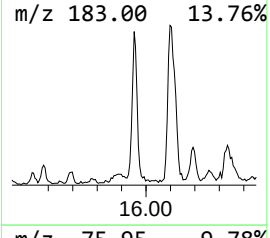


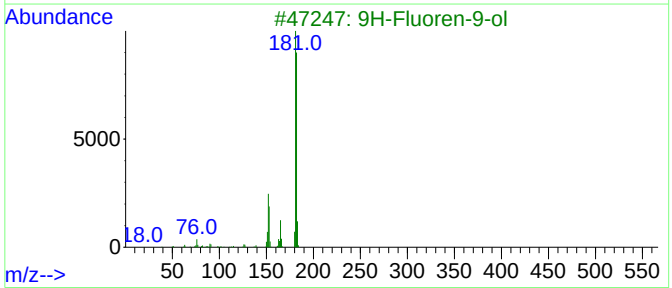


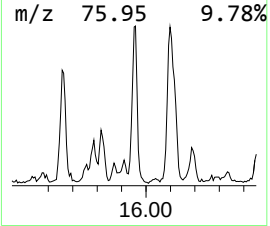












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005681.D
Acq On : 03 Jun 2021 00:02
Operator : CG/JU
Sample : M2580-13 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(0-2)

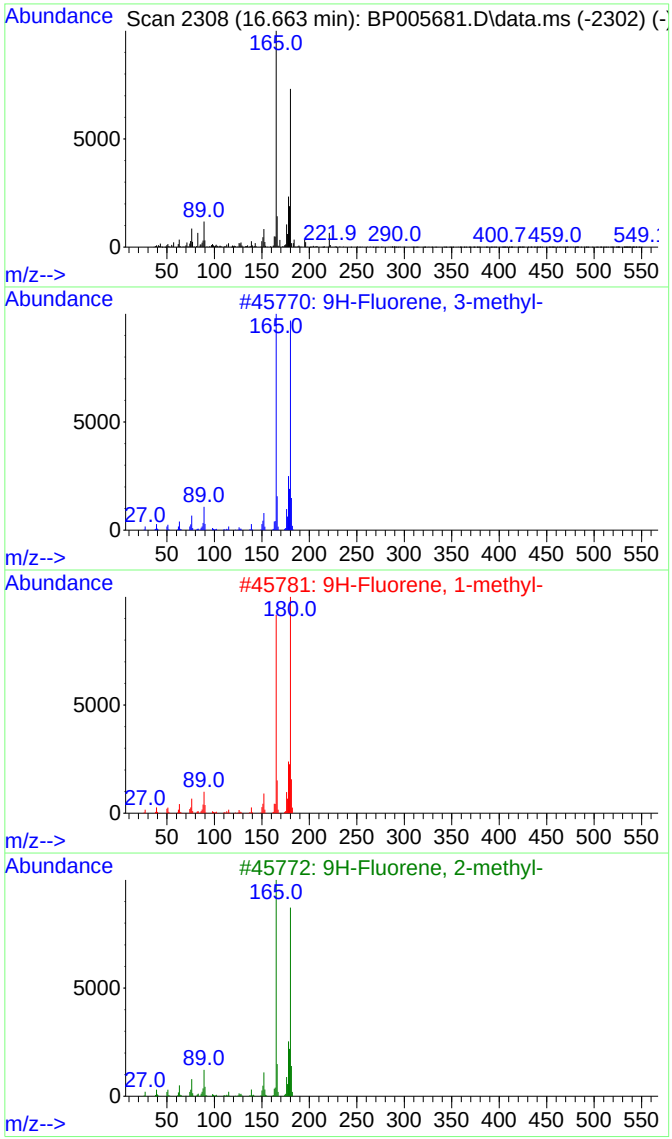
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

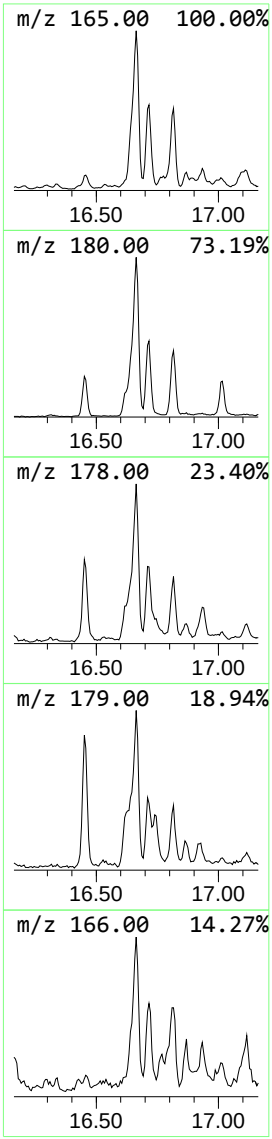
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9H-Fluorene, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.663	4.10 ng	793183	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
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Acq On : 03 Jun 2021 00:02
Operator : CG/JU
Sample : M2580-13 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

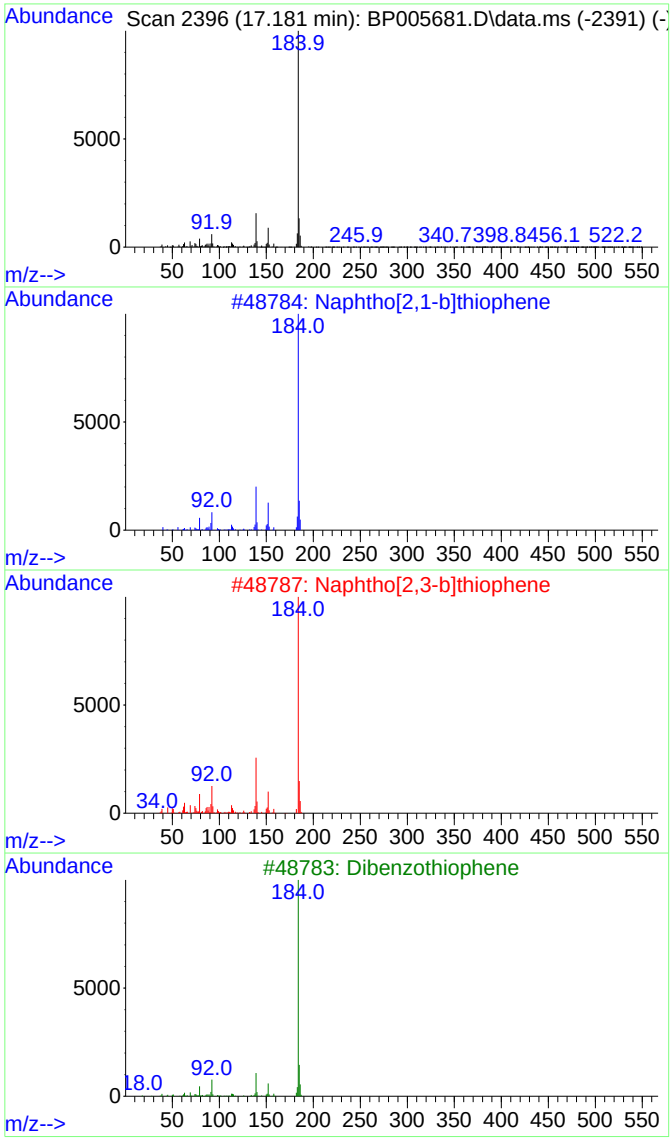
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

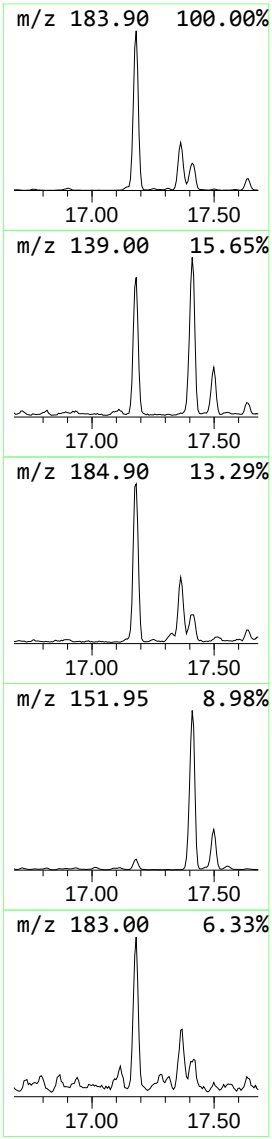
****

Peak Number 10 Naphtho[2,1-b]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.181	9.44 ng	1826860	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Acq On : 03 Jun 2021 00:02
Operator : CG/JU
Sample : M2580-13 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

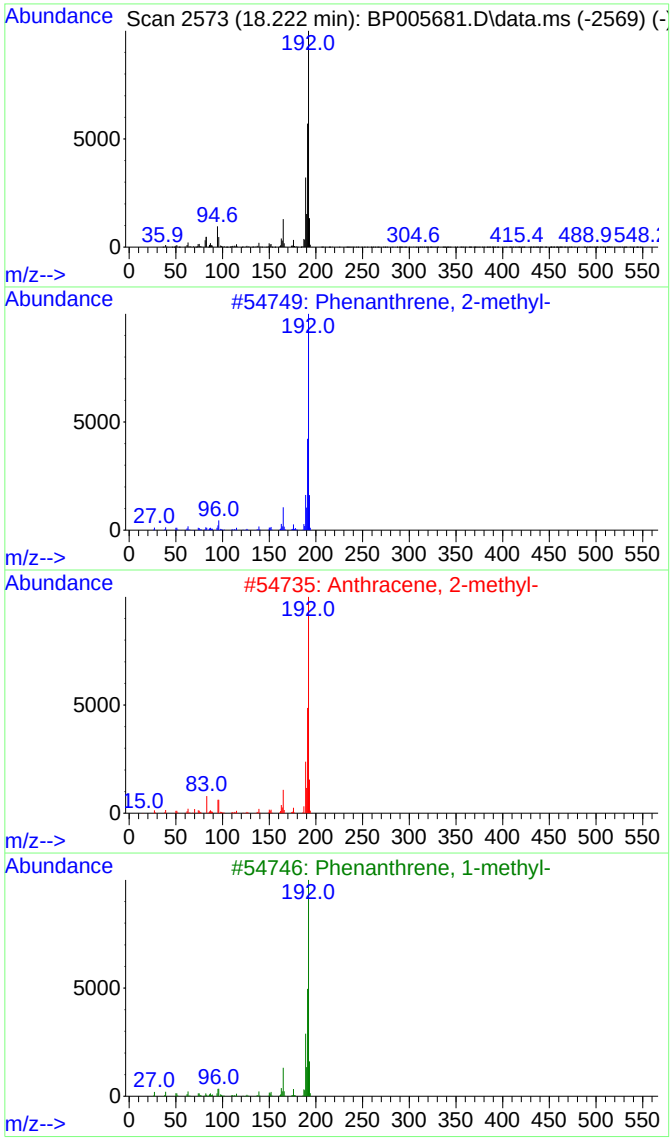
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

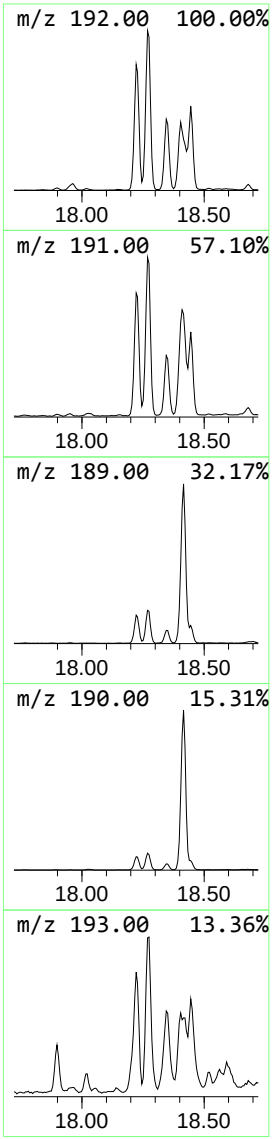
****

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.222	8.57 ng	1659000	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Data File : BP005681.D
Acq On : 03 Jun 2021 00:02
Operator : CG/JU
Sample : M2580-13 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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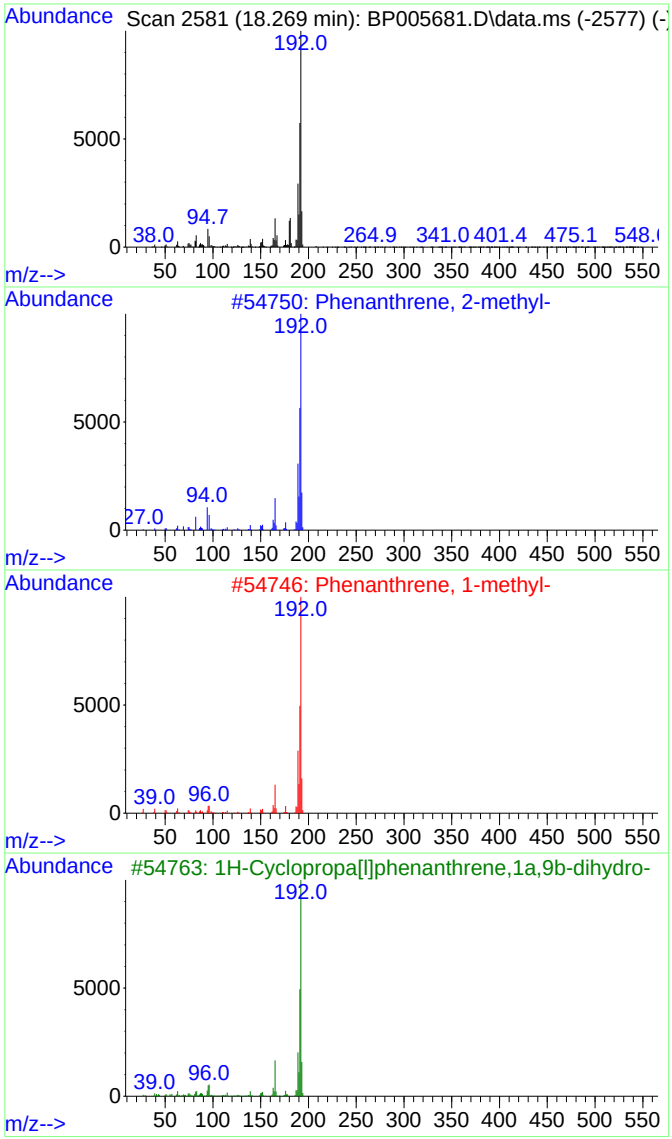
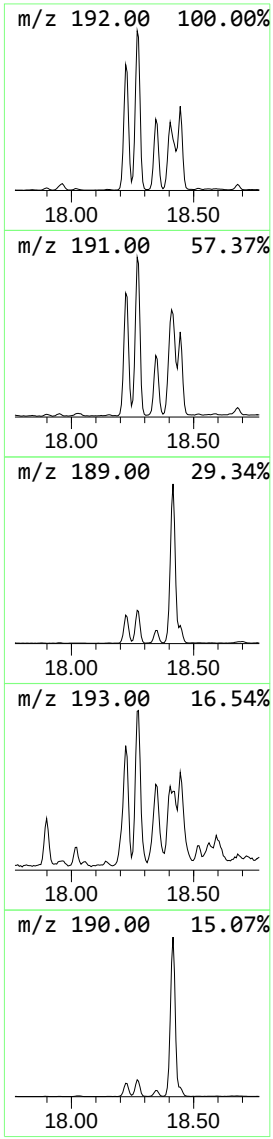
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	13.96 ng	2700160	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Data File : BP005681.D
Acq On : 03 Jun 2021 00:02
Operator : CG/JU
Sample : M2580-13 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(0-2)

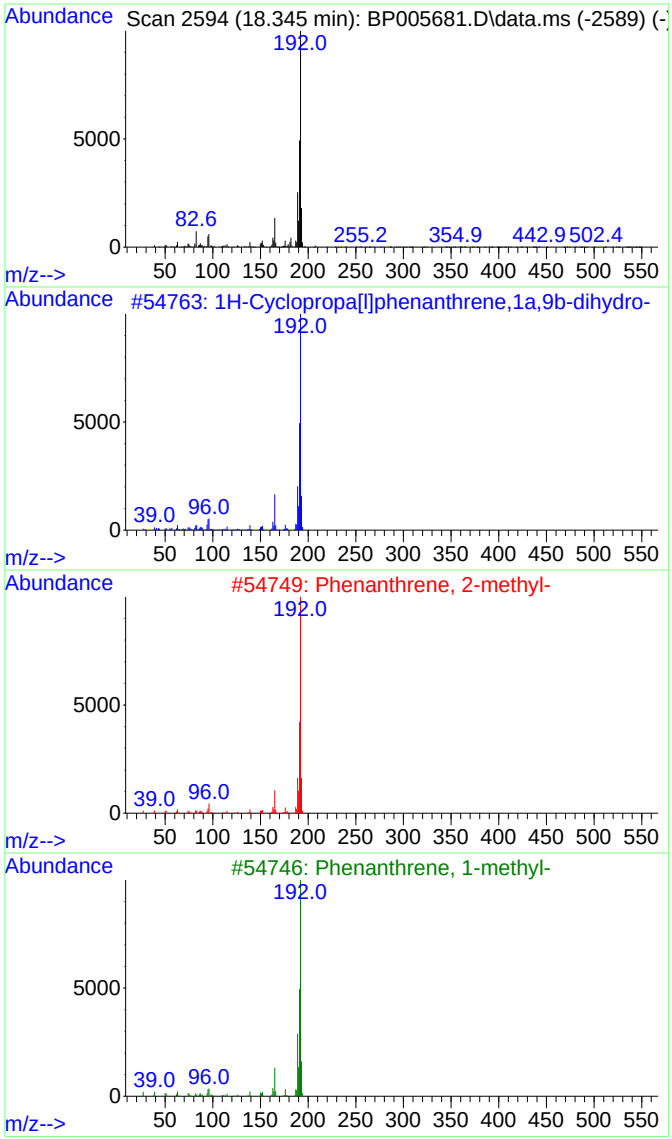
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

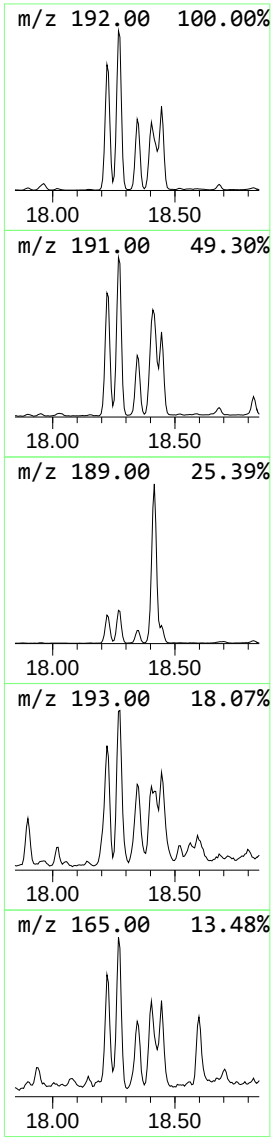
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	5.55 ng	1072870	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Data File : BP005681.D
Acq On : 03 Jun 2021 00:02
Operator : CG/JU
Sample : M2580-13 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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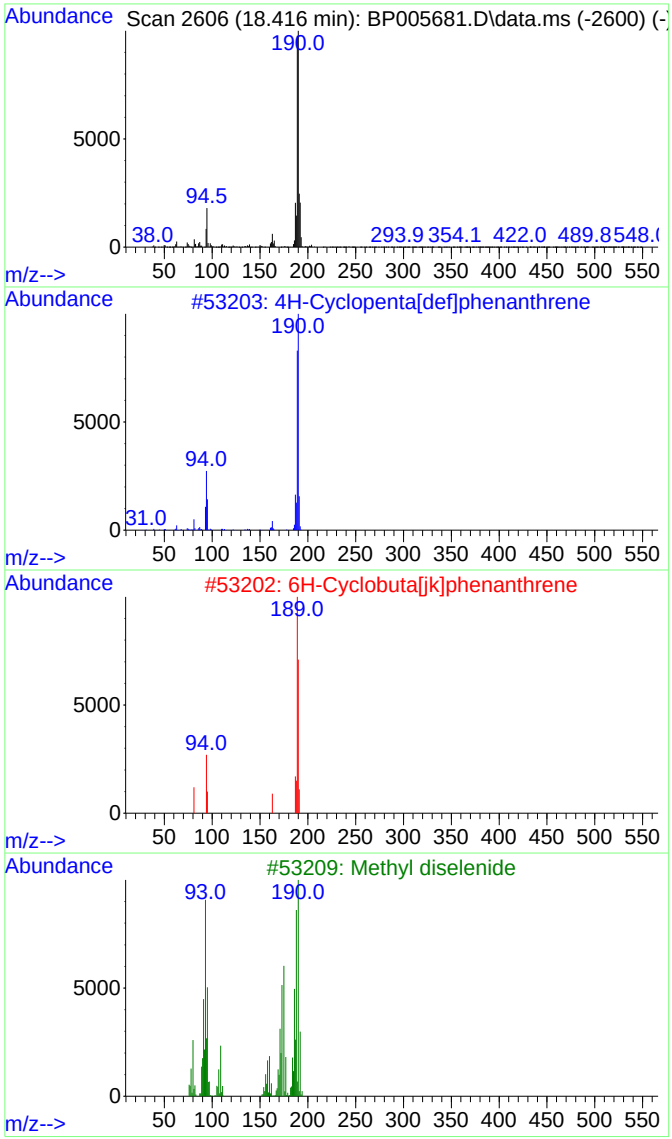
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

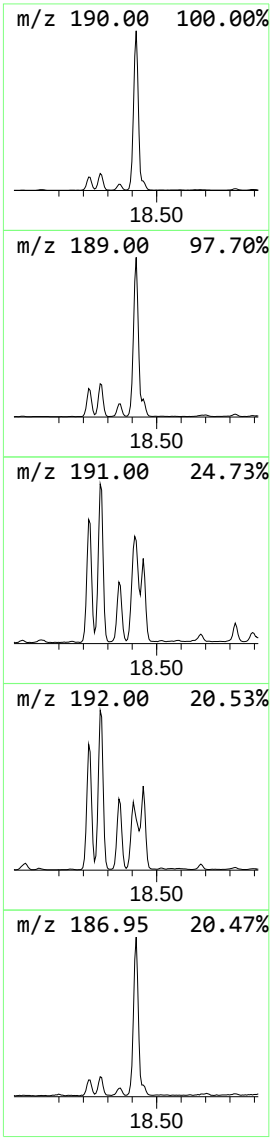
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.416	22.99 ng	4447850	Phenanthrene-d10	17.363

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	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
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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Data File : BP005681.D
Acq On : 03 Jun 2021 00:02
Operator : CG/JU
Sample : M2580-13 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

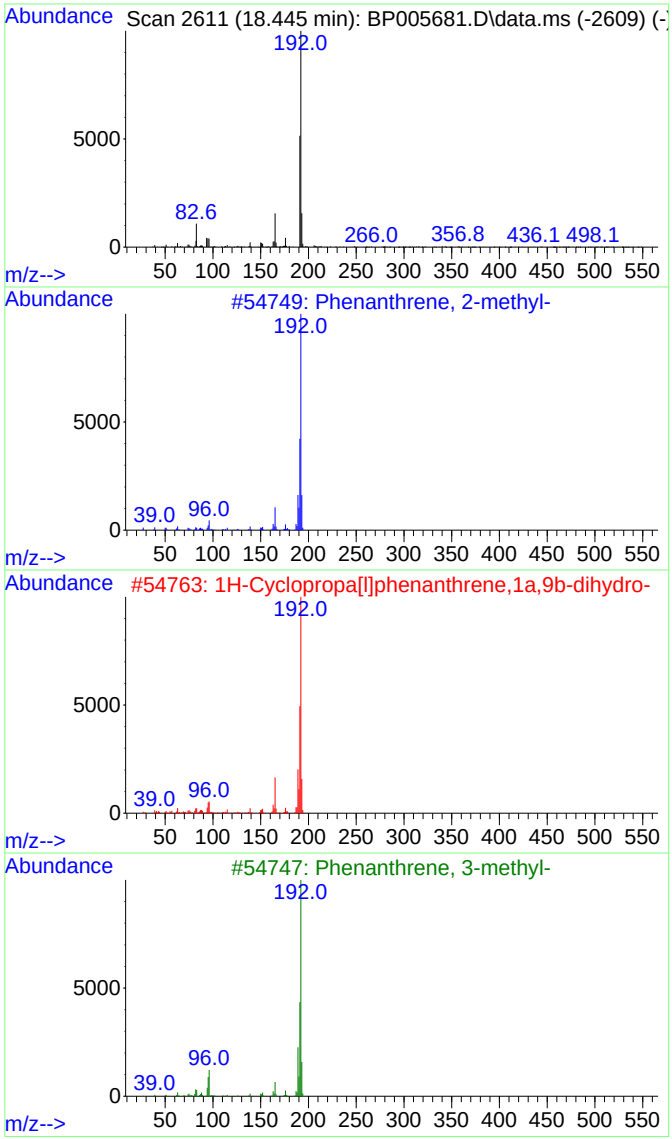
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

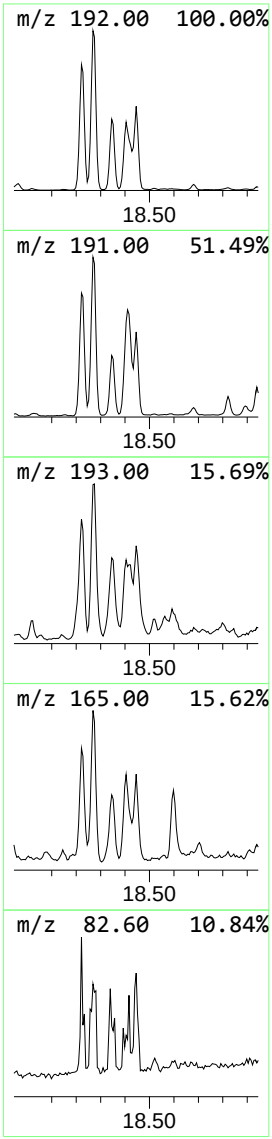
****

Peak Number 15 Phenanthrene, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.445	4.44 ng	859469	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	90





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Operator : CG/JU
Sample : M2580-13 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(0-2)

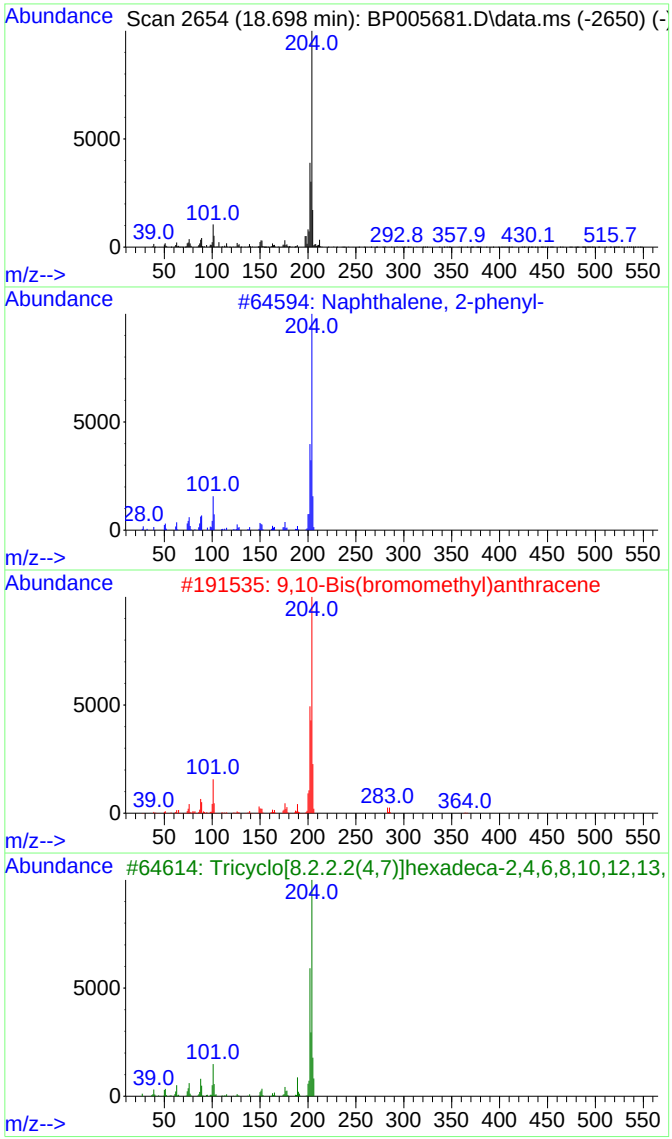
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

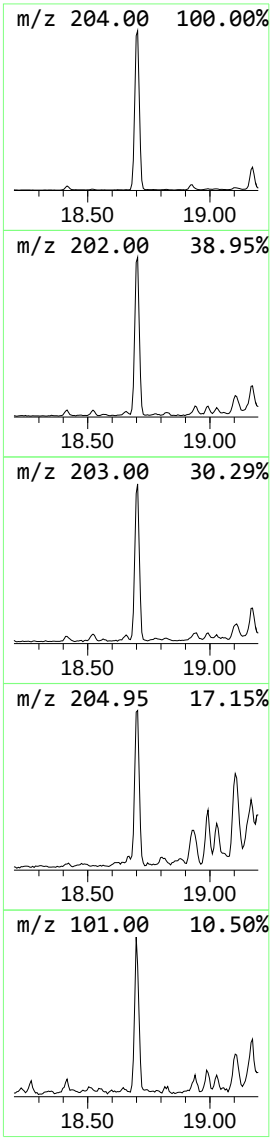
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.698	6.94 ng	1343090	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	74
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	50
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	47





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Acq On : 03 Jun 2021 00:02
Operator : CG/JU
Sample : M2580-13 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(0-2)

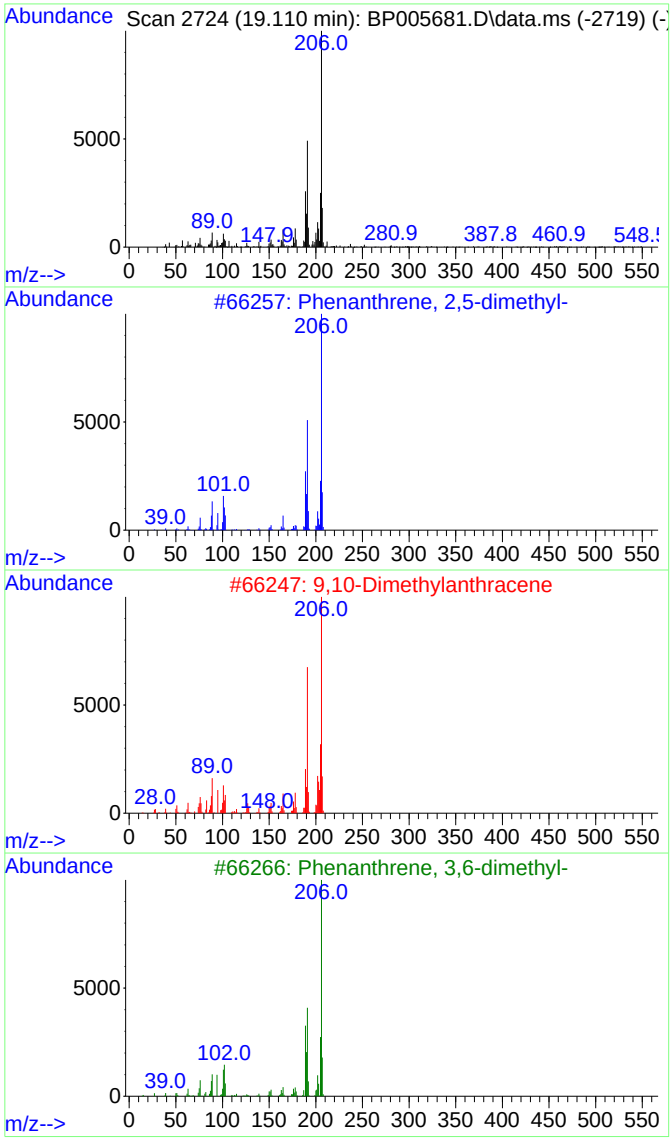
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

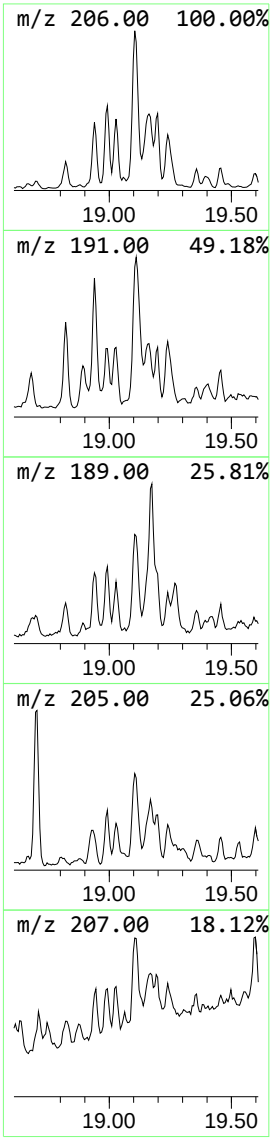
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.110	6.22 ng	1203100	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83





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Operator : CG/JU
Sample : M2580-13 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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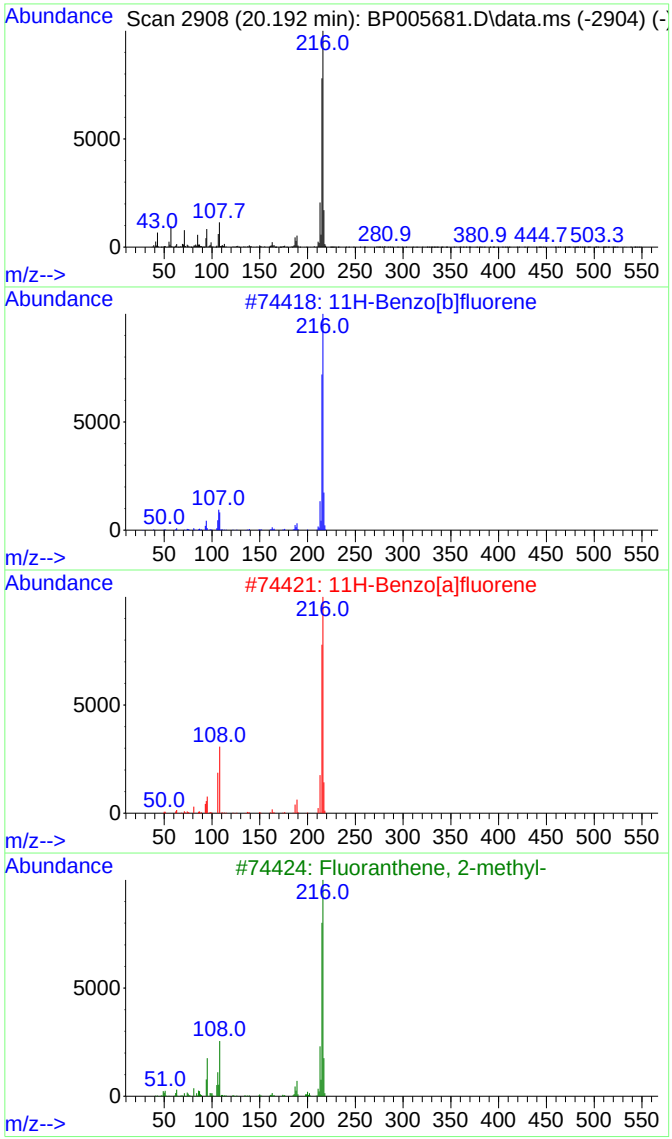
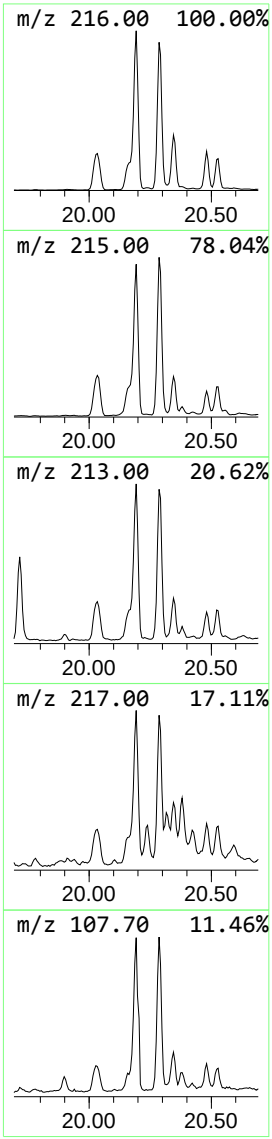
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.192	4.79 ng	3080690	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Data File : BP005681.D
Acq On : 03 Jun 2021 00:02
Operator : CG/JU
Sample : M2580-13 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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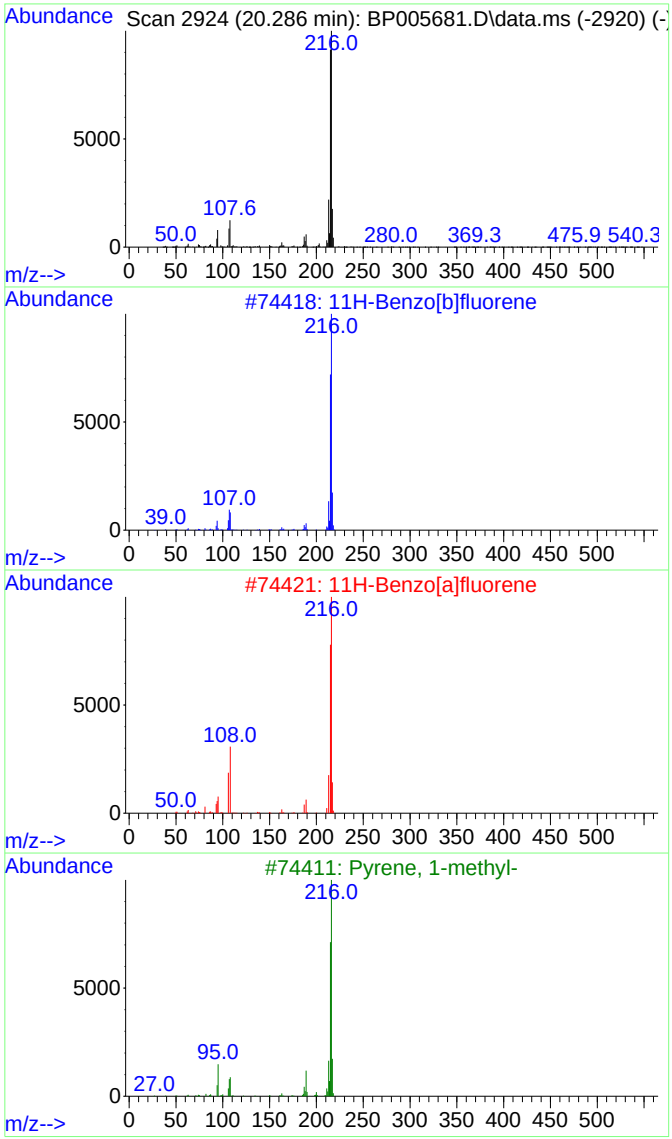
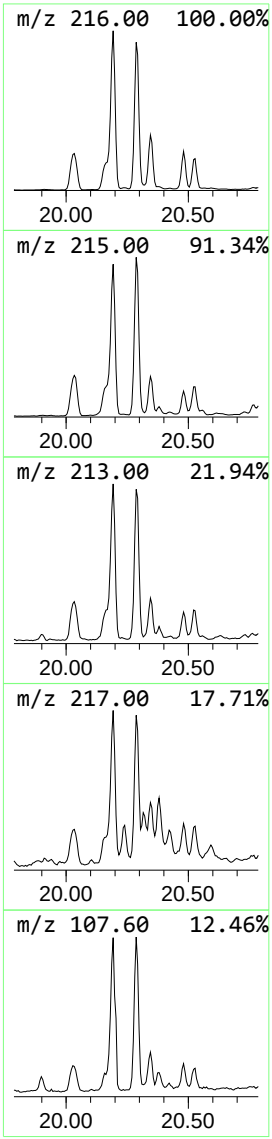
Peak Number 19 11H-Benzo[a]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.286	3.99 ng	2570650	Chrysene-d12	21.433

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	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	64
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64





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Operator : CG/JU
Sample : M2580-13 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B5(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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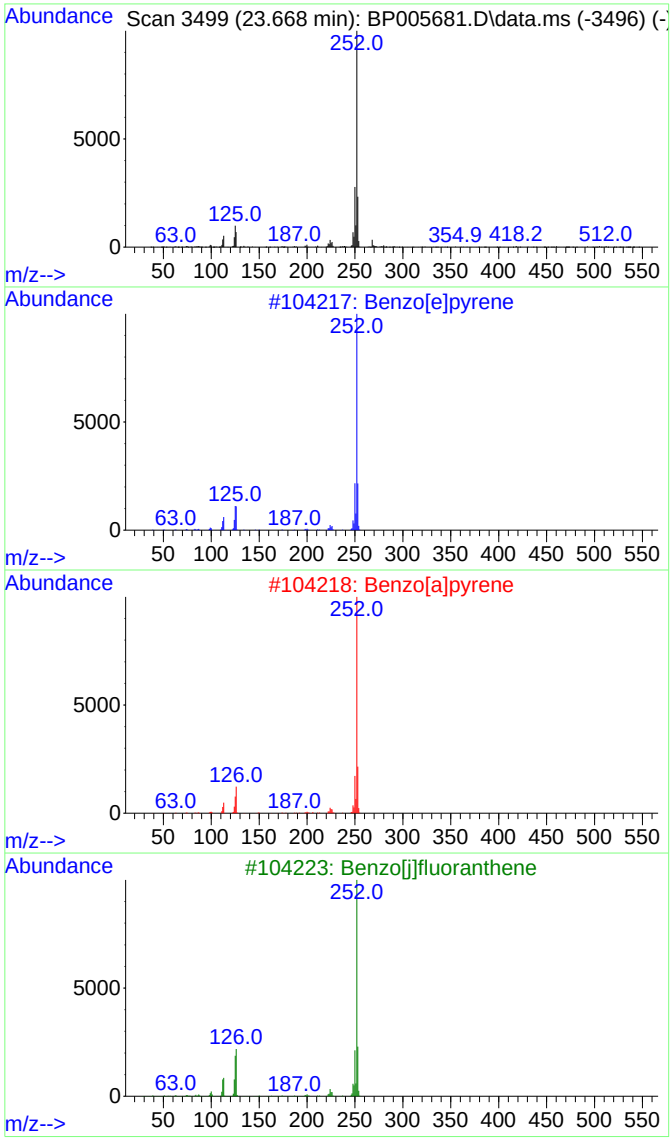
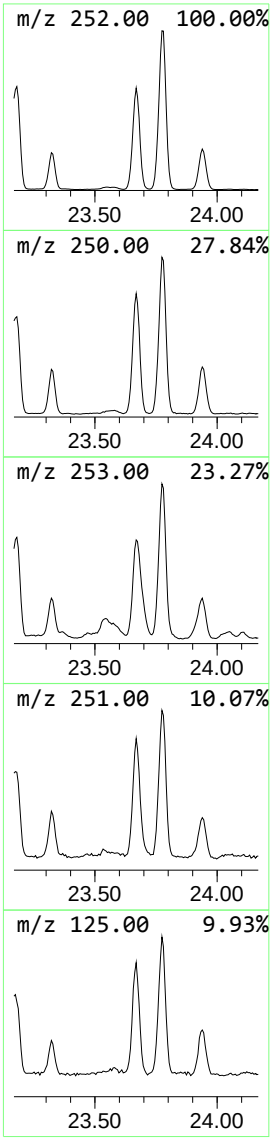
Peak Number 20 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.669	9.42 ng	3444900	Perylene-d12	23.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005681.D
Acq On : 03 Jun 2021 00:02
Operator : CG/JU
Sample : M2580-13 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B5(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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
(1R)-2,6,6-Trim...	6.675	13.8	ng	1153190	1	7.993	1668460	20.0
Cyclohexene, 4-...	7.481	6.8	ng	565916	1	7.993	1668460	20.0
3-Carene	7.893	4.6	ng	386750	1	7.993	1668460	20.0
Benzene, 1-meth...	8.134	5.8	ng	485672	1	7.993	1668460	20.0
Undecane	9.234	7.1	ng	592913	1	7.993	1668460	20.0
Naphthalene, 2,...	13.940	4.5	ng	781843	3	14.616	3478040	20.0
Nordiphenamid	15.822	4.3	ng	742086	3	14.616	3478040	20.0
Dibenzofuran, 4...	15.951	5.0	ng	869680	3	14.616	3478040	20.0
9H-Fluorene, 3-...	16.663	4.1	ng	793183	4	17.363	3869560	20.0
Naphtho[2,1-b]t...	17.181	9.4	ng	1826860	4	17.363	3869560	20.0
Phenanthrene, 2...	18.222	8.6	ng	1659000	4	17.363	3869560	20.0
Phenanthrene, 1...	18.269	14.0	ng	2700160	4	17.363	3869560	20.0
1H-Cyclopropa[l...	18.345	5.5	ng	1072870	4	17.363	3869560	20.0
4H-Cyclopenta[d...	18.416	23.0	ng	4447850	4	17.363	3869560	20.0
Phenanthrene, 3...	18.445	4.4	ng	859469	4	17.363	3869560	20.0
Naphthalene, 2-...	18.698	6.9	ng	1343090	4	17.363	3869560	20.0
Phenanthrene, 2...	19.110	6.2	ng	1203100	4	17.363	3869560	20.0
11H-Benzo[b]flu...	20.192	4.8	ng	3080690	5	21.433	12871700	20.0
11H-Benzo[a]flu...	20.286	4.0	ng	2570650	5	21.433	12871700	20.0
Benzo[e]pyrene	23.669	9.4	ng	3444900	6	23.886	7313170	20.0