LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005678.D
Acq On : 02 Jun 2021 22:20
Operator : CG/JU
Sample : M2580-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B1(4-6)

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: BP005678.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	425	rVV	456472	664748	1.78%	0.174%
2	5.969	479	490	500	rBV2	320670	678426	1.82%	0.178%
3	6.669	604	609	617	rVB2	379428	639735	1.71%	0.168%
4	7.152	683	691	698	rBV	472293	899406	2.41%	0.236%
5	7.481	743	747	755	rVB	312246	471386	1.26%	0.124%
6	7.616	765	770	778	rVB2	191146	400161	1.07%	0.105%
7	7.993	825	834	839	rBV	860893	1504768	4.03%	0.394%
8	9.152	1027	1031	1036	rVV	262002	477460	1.28%	0.125%
9	9.228	1039	1044	1055	rVB2	316338	592259	1.59%	0.155%
10	10.210	1204	1211	1219	rBV7	184142	452517	1.21%	0.119%
11	10.799	1301	1311	1315	rBV	1036776	2044184	5.47%	0.536%
12	10.852	1315	1320	1328	rVB	4250355	6932466	18.56%	1.817%
13	12.451	1583	1592	1600	rVB	2699468	4358626	11.67%	1.142%
14	12.675	1620	1630	1638	rVB	1721925	2837198	7.60%	0.744%
15	13.246	1721	1727	1733	rVB	713153	1057098	2.83%	0.277%
16	13.451	1756	1762	1769	rBV2	755349	1148605	3.07%	0.301%
17	13.651	1791	1796	1806	rVB	309456	636863	1.70%	0.167%
18	13.798	1811	1821	1829	rBV2	627361	1690556	4.53%	0.443%
19	13.940	1839	1845	1850	rBV	1026300	1793329	4.80%	0.470%
20	13.993	1850	1854	1861	rVB	688851	1047639	2.80%	0.275%
21	14.175	1876	1885	1889	rBV	516197	827988	2.22%	0.217%
22	14.340	1904	1913	1928	rBV	800836	1352621	3.62%	0.355%
23	14.616	1950	1960	1965	rVV2	1650653	2974138	7.96%	0.780%
24	14.681	1965	1971	1978	rVV	4323560	6441619	17.24%	1.688%
25	14.822	1988	1995	2003	rBV2	158220	425545	1.14%	0.112%
26	14.922	2004	2012	2017	rBV2	212937	402582	1.08%	0.106%
27	15.010	2021	2027	2034	rVB	3055221	4627396	12.39%	1.213%
28	15.087	2035	2040	2044	rBV	289566	389120	1.04%	0.102%
29	15.663	2131	2138	2148	rBV	5326835	7811882	20.91%	2.047%
30	15.751	2148	2153	2155	rVV3	242210	376390	1.01%	0.099%
31	15.787	2155	2159	2161	rVV	445770	657595	1.76%	0.172%
32	15.822	2161	2165	2169	rVV3	659411	982224	2.63%	0.257%
33	15.869	2169	2173	2176	rVV	357330	560462	1.50%	0.147%
34	15.910	2176	2180	2183	rVV2	324565	519984	1.39%	0.136%
35	15.951	2183	2187	2196	rVB	853975	1267986	3.39%	0.332%
36	16.098	2205	2212	2220	rVV	1489978	2626477	7.03%	0.688%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005678.D
Acq On : 02 Jun 2021 22:20
Operator : CG/JU
Sample : M2580-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B1(4-6)

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

37	16.192	2220	2228	2233	rVB4	204580	497538	1.33%	0.130%
38	16.334	2246	2252	2258	rVB3	337446	842721	2.26%	0.221%
39	16.663	2301	2308	2312	rVB3	741963	1299775	3.48%	0.341%
40	16.710	2312	2316	2322	rVB3	408789	583095	1.56%	0.153%
41	16.816	2330	2334	2339	rVB2	340831	496559	1.33%	0.130%
42	17.016	2364	2368	2375	rVB3	225564	399108	1.07%	0.105%
43	17.092	2376	2381	2382	rBV2	334311	479222	1.28%	0.126%
44	17.116	2382	2385	2390	rVV4	522172	851529	2.28%	0.223%
45	17.175	2391	2395	2403	rVB	1751439	2558629	6.85%	0.671%
46	17.363	2421	2427	2430	rBV	1905099	3169546	8.49%	0.831%
47	17.416	2430	2436	2441	rVV	18317719	31435688	84.16%	8.239%
48	17.498	2441	2450	2455	rVV	6860715	10153671	27.18%	2.661%
49	17.551	2455	2459	2464	rVB2	581502	984743	2.64%	0.258%
50	17.763	2485	2495	2500	rBV	3118267	5056535	13.54%	1.325%
51	17.939	2522	2525	2533	rVB4	442633	839163	2.25%	0.220%
52	18.222	2569	2573	2577	rBV	2323322	3213576	8.60%	0.842%
53	18.269	2577	2581	2587	rVB	3407747	4636283	12.41%	1.215%
54	18.351	2589	2595	2599	rBV	1245239	1949595	5.22%	0.511%
55	18.416	2599	2606	2609	rBV2	4880049	7858682	21.04%	2.060%
56	18.445	2609	2611	2617	rVB	1471921	1639158	4.39%	0.430%
57	18.704	2650	2655	2659	rBV	1795628	2293542	6.14%	0.601%
58	18.939	2692	2695	2699	rVB	727150	820642	2.20%	0.215%
59	18.992	2701	2704	2707	rVV	351779	412275	1.10%	0.108%
60	19.110	2720	2724	2730	rBV3	938086	2089190	5.59%	0.548%
61	19.251	2745	2748	2751	rBV2	455397	658132	1.76%	0.172%
62	19.386	2763	2771	2774	rBV	20232888	32253431	86.34%	8.454%
63	19.416	2774	2776	2780	rVV2	1019364	1251589	3.35%	0.328%
64	19.457	2780	2783	2787	rVB	648607	783101	2.10%	0.205%
65	19.598	2804	2807	2811	rVB	844867	1004782	2.69%	0.263%
66	19.722	2817	2828	2834	rBV3	17136527	37354319	100.00%	9.790%
67	19.780	2834	2838	2845	rVB2	1193704	1834115	4.91%	0.481%
68	19.898	2852	2858	2862	rVB2	1715373	3438245	9.20%	0.901%
69	19.945	2863	2866	2871	rVB	888606	1149946	3.08%	0.301%
70	20.022	2874	2879	2885	rBV2	1429811	3688916	9.88%	0.967%
71	20.075	2885	2888	2891	rVV	838399	941386	2.52%	0.247%
72	20.110	2892	2894	2897	rVV	505504	553737	1.48%	0.145%
73	20.157	2898	2902	2903	rVV3	1106442	1572410	4.21%	0.412%
74	20.192	2904	2908	2913	rVB2	5483475	7461037	19.97%	1.956%
75	20.292	2920	2925	2928	rBV	4248240	5598955	14.99%	1.467%
76	20.345	2929	2934	2938	rVV2	1896918	3394081	9.09%	0.890%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005678.D
Acq On : 02 Jun 2021 22:20
Operator : CG/JU
Sample : M2580-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B1(4-6)

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

77	20.380	2938	2940	2944	rVB	914587	1007584	2.70%	0.264%
78	20.486	2954	2958	2961	rBV	1075324	1574958	4.22%	0.413%
79	20.575	2969	2973	2977	rVB	2645630	3046239	8.15%	0.798%
80	20.680	2988	2991	2996	rVB	1690094	1829429	4.90%	0.479%
81	21.080	3056	3059	3062	rBV	1822473	2291503	6.13%	0.601%
82	21.127	3062	3067	3070	rVV3	3576343	5996643	16.05%	1.572%
83	21.163	3070	3073	3077	rVB2	1826859	2515440	6.73%	0.659%
84	21.333	3098	3102	3108	rVB2	3732682	4586789	12.28%	1.202%
85	21.422	3112	3117	3122	rVV3	13522387	24929598	66.74%	6.534%
86	21.474	3122	3126	3135	rVB	11202388	16714461	44.75%	4.381%
87	21.574	3140	3143	3145	rVV	2116785	3047800	8.16%	0.799%
88	21.598	3145	3147	3152	rVB2	3050510	3667763	9.82%	0.961%
89	21.757	3171	3174	3180	rVB2	1996604	3004020	8.04%	0.787%
90	22.551	3306	3309	3314	rVB2	1476561	1908513	5.11%	0.500%
91	23.145	3402	3410	3415	rBV	7988615	22907876	61.33%	6.004%
92	23.327	3438	3441	3448	rVB	1921172	3216247	8.61%	0.843%
93	23.680	3495	3501	3510	rVB	5386685	11418664	30.57%	2.993%
94	23.786	3512	3519	3527	rVV	7973705	17804103	47.66%	4.666%

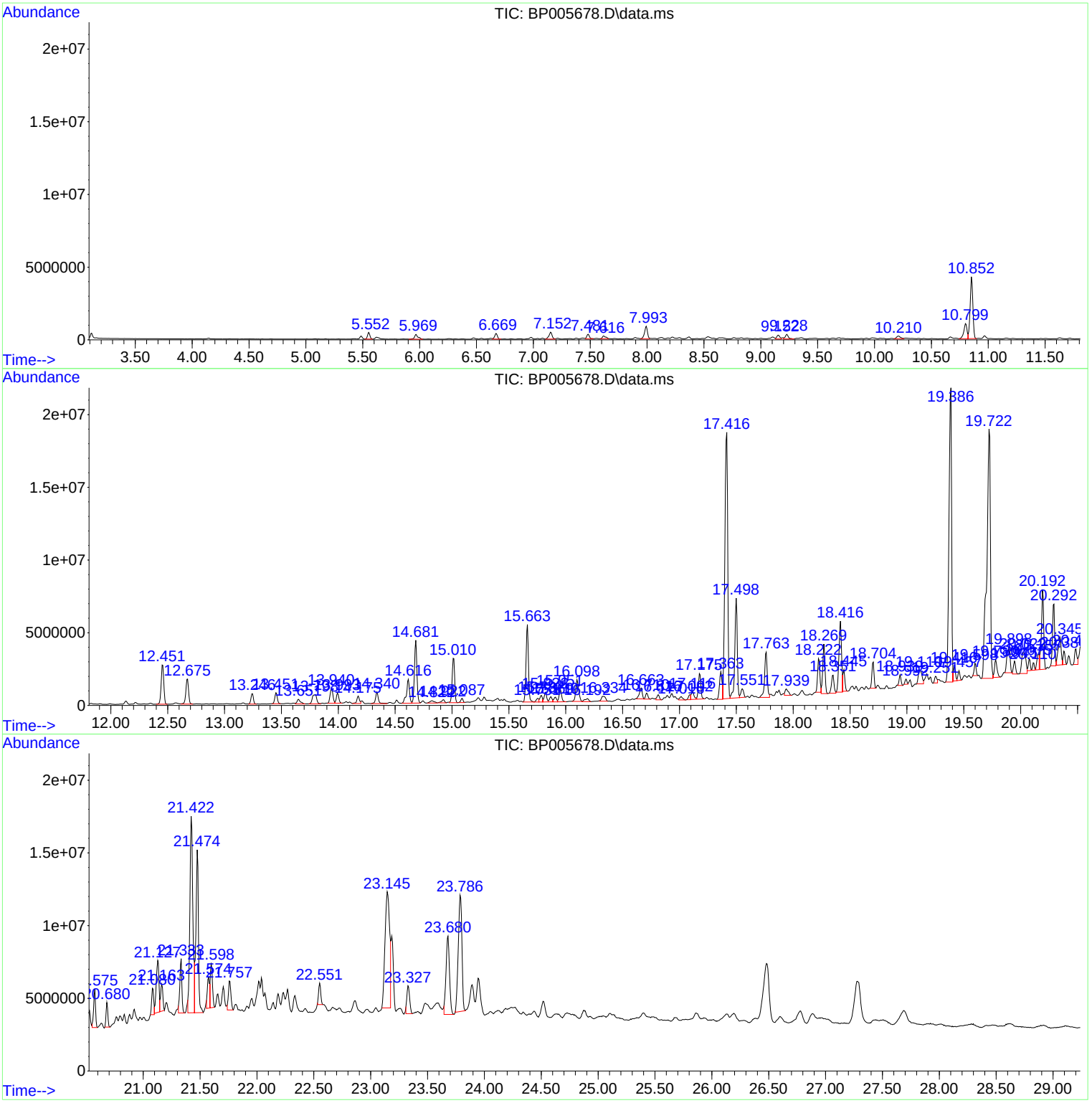
Sum of corrected areas: 381537716

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005678.D
Acq On : 02 Jun 2021 22:20
Operator : CG/JU
Sample : M2580-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

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 : BP005678.D
Acq On : 02 Jun 2021 22:20
Operator : CG/JU
Sample : M2580-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

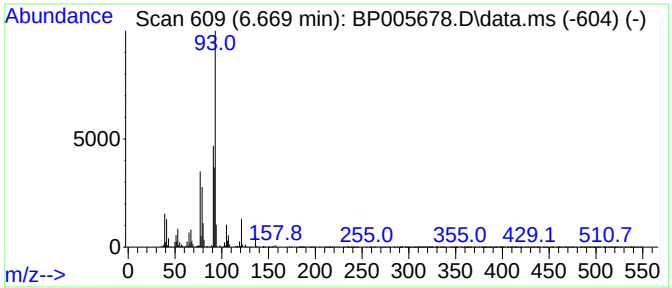
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

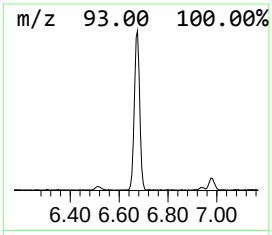
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

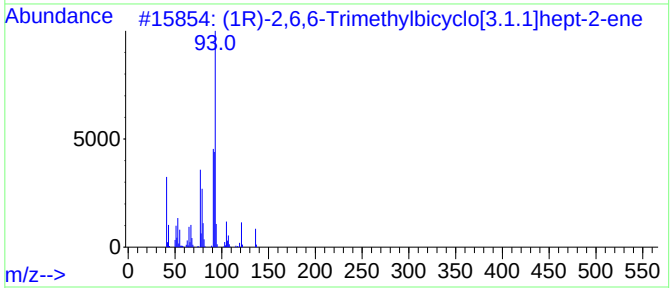
****
Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 14

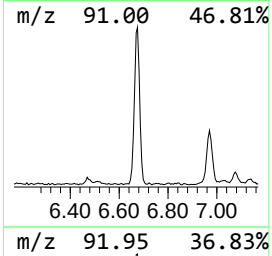
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.669	8.50 ng	639735	1,4-Dichlorobenzene-d4	7.993

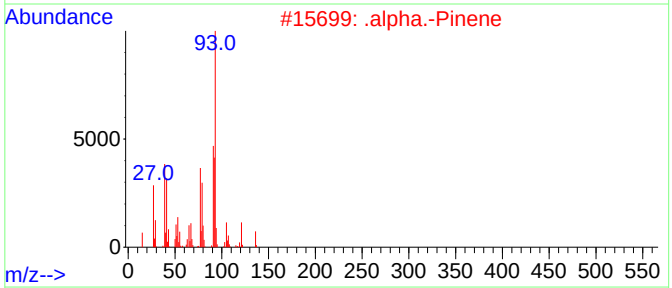
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	95
3	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	94
4	(+)-3-Carene	136	C10H16	000498-15-7	91
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91

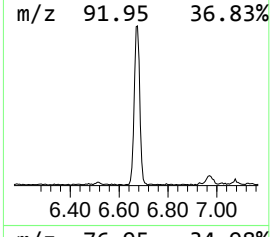


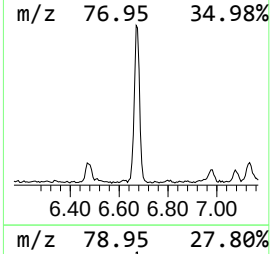


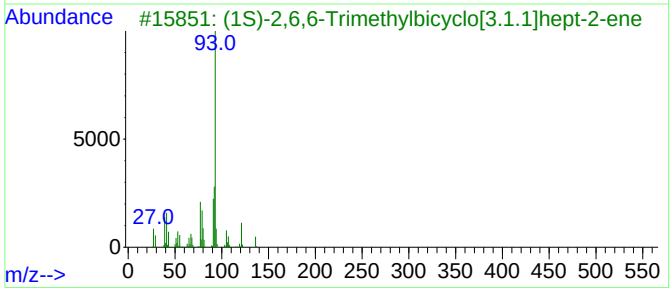


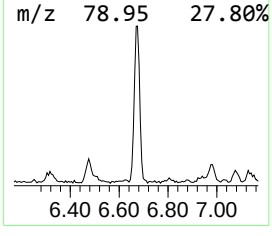












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005678.D
Acq On : 02 Jun 2021 22:20
Operator : CG/JU
Sample : M2580-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

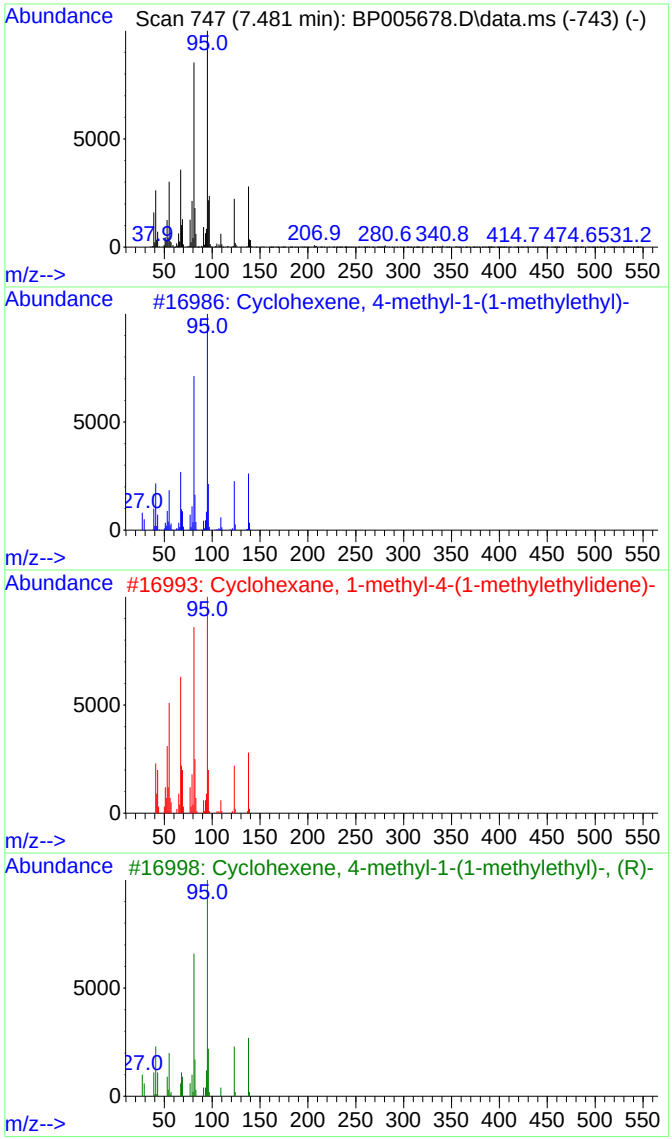
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

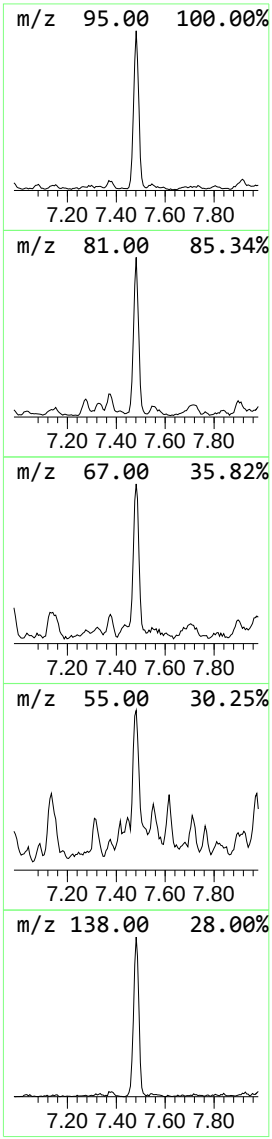
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexene, 4-methyl-1-(1-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.481	6.27 ng	471386	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	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	87
3	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000619-52-3	81
4	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	53
5	Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	013828-34-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005678.D
Acq On : 02 Jun 2021 22:20
Operator : CG/JU
Sample : M2580-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

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

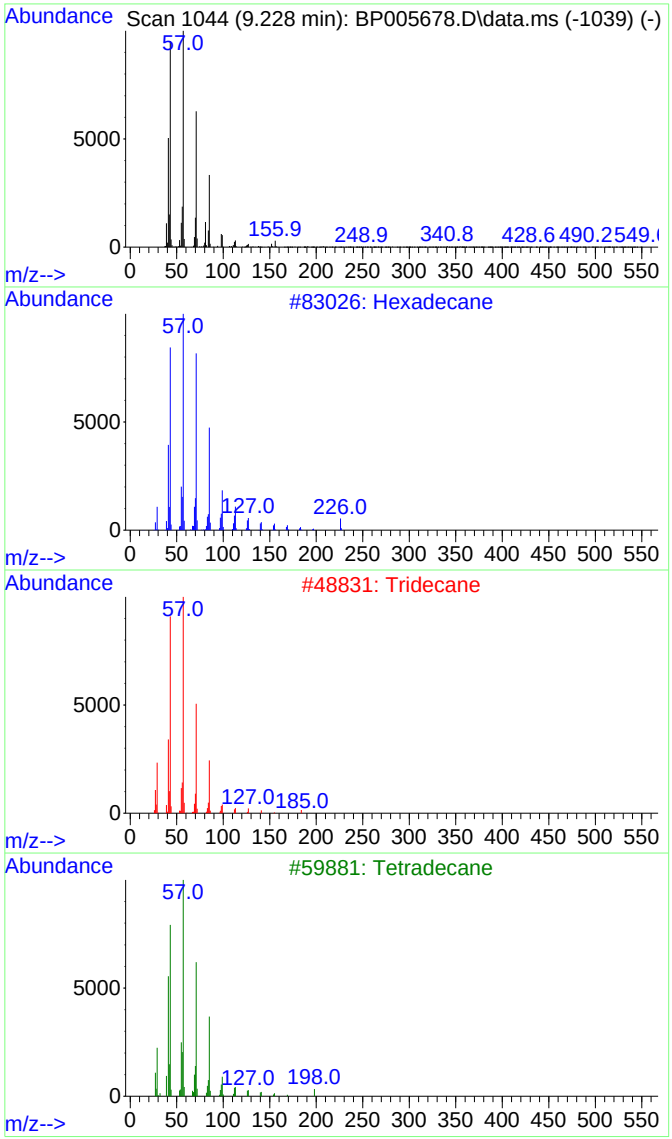
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

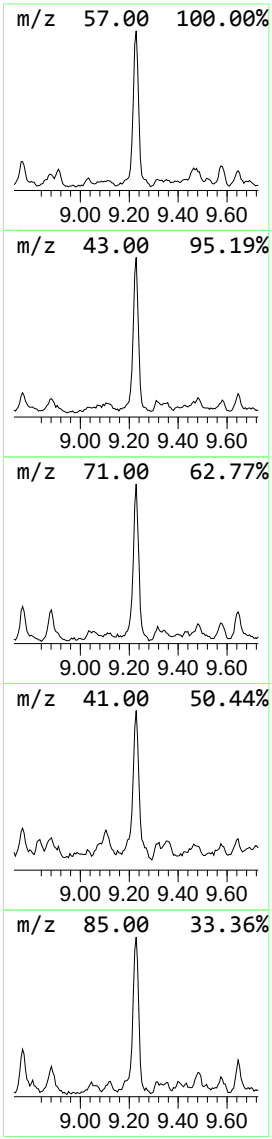
****

Peak Number 4 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.228	7.87 ng	592259	1,4-Dichlorobenzene-d4	7.993

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	81
2	Tridecane	184	C13H28	000629-50-5	72
3	Tetradecane	198	C14H30	000629-59-4	72
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005678.D
Acq On : 02 Jun 2021 22:20
Operator : CG/JU
Sample : M2580-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

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

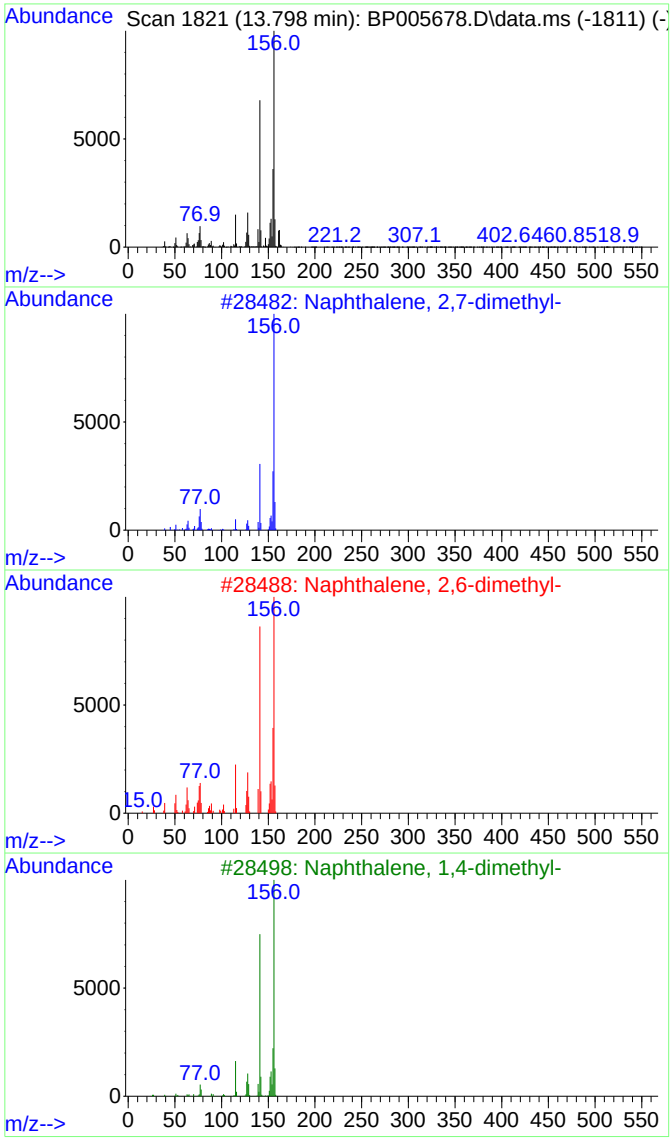
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

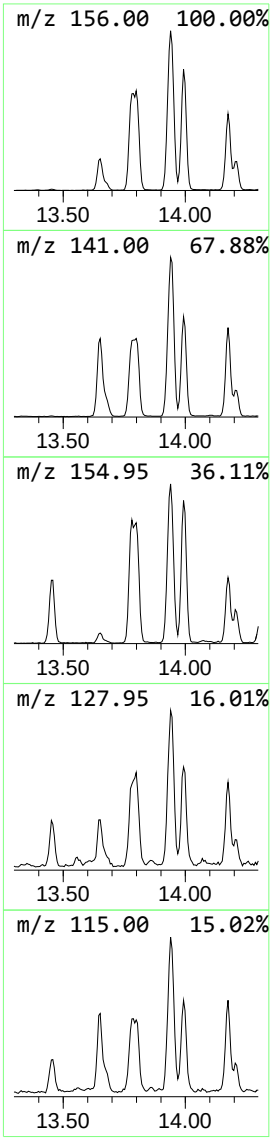
****

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	11.37 ng	1690560	Acenaphthene-d10	14.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005678.D
Acq On : 02 Jun 2021 22:20
Operator : CG/JU
Sample : M2580-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

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

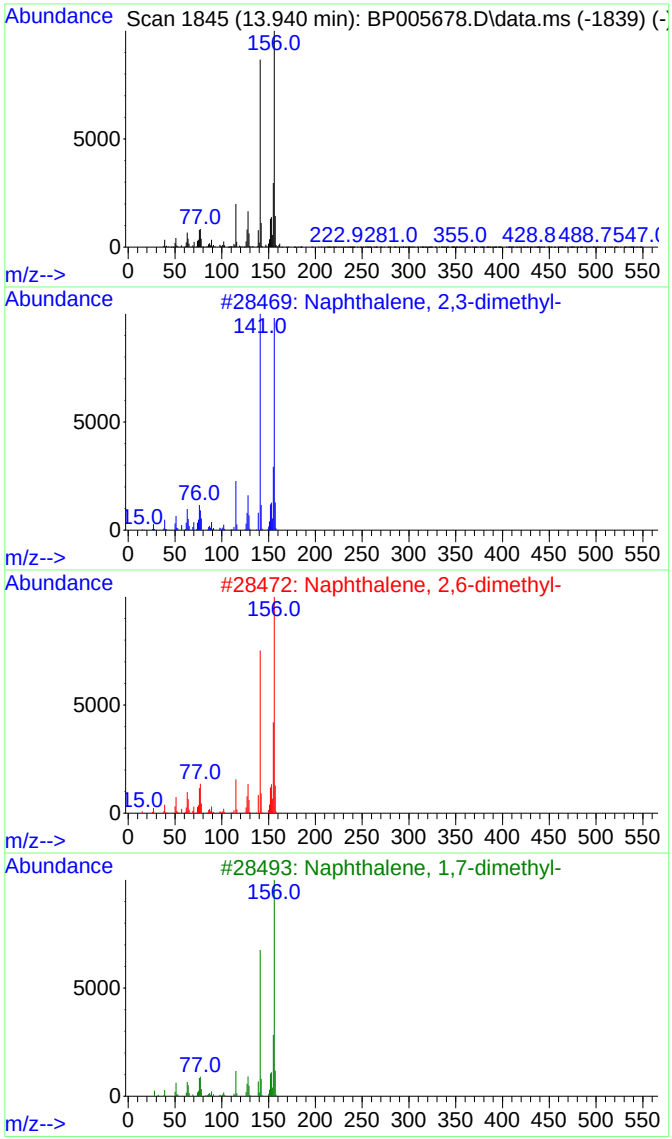
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

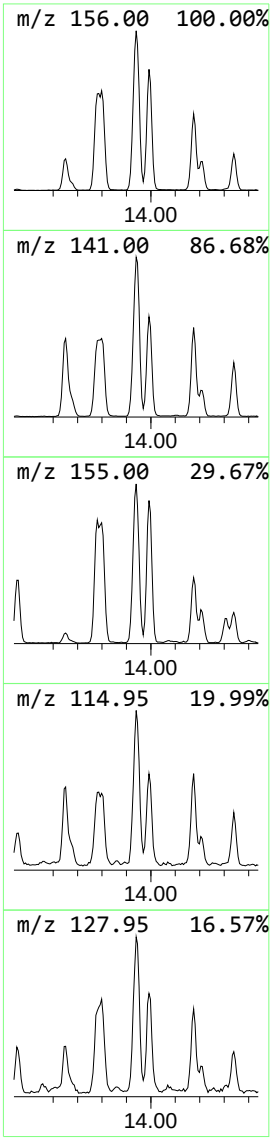
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.940	12.06 ng	1793330	Acenaphthene-d10	14.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005678.D
Acq On : 02 Jun 2021 22:20
Operator : CG/JU
Sample : M2580-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

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

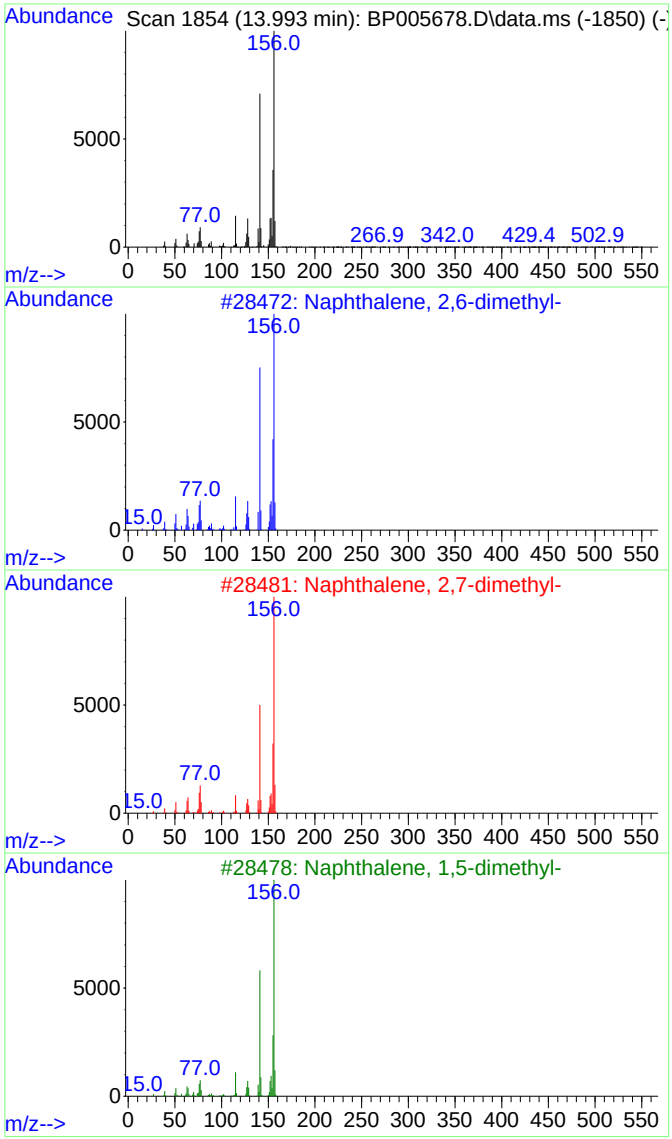
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

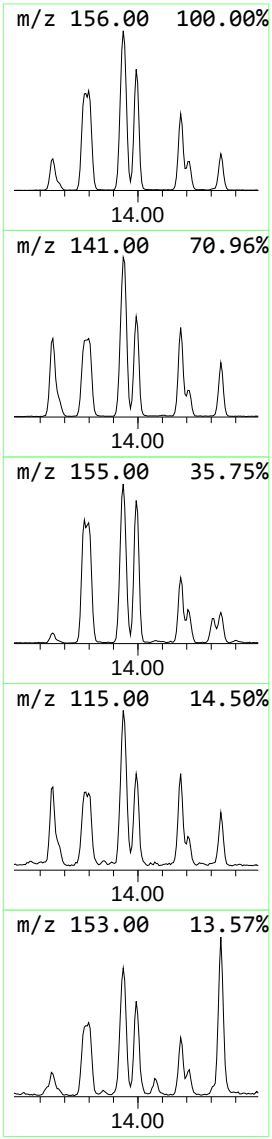
****

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.993	7.04 ng	1047640	Acenaphthene-d10	14.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005678.D
Acq On : 02 Jun 2021 22:20
Operator : CG/JU
Sample : M2580-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

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

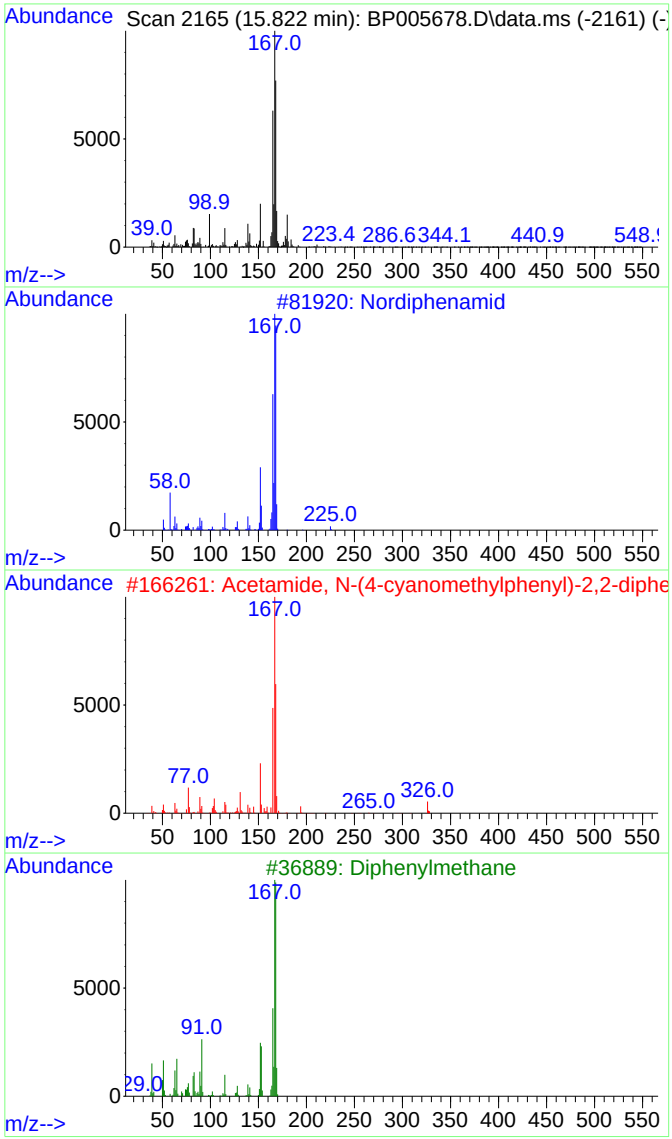
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

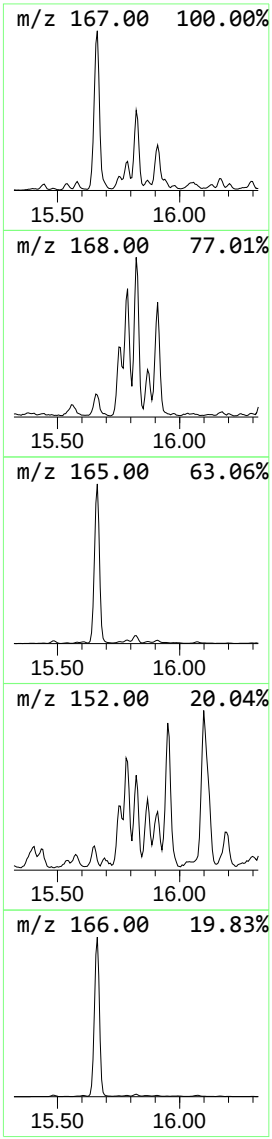
****

Peak Number 8 Nordiphenamid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.822	6.61 ng	982224	Acenaphthene-d10	14.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	86
2	Acetamide, N-(4-cyanomethylpheny...	326	C22H18N2O	1000303-58-9	64
3	Diphenylmethane	168	C13H12	000101-81-5	62
4	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	50
5	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005678.D
Acq On : 02 Jun 2021 22:20
Operator : CG/JU
Sample : M2580-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

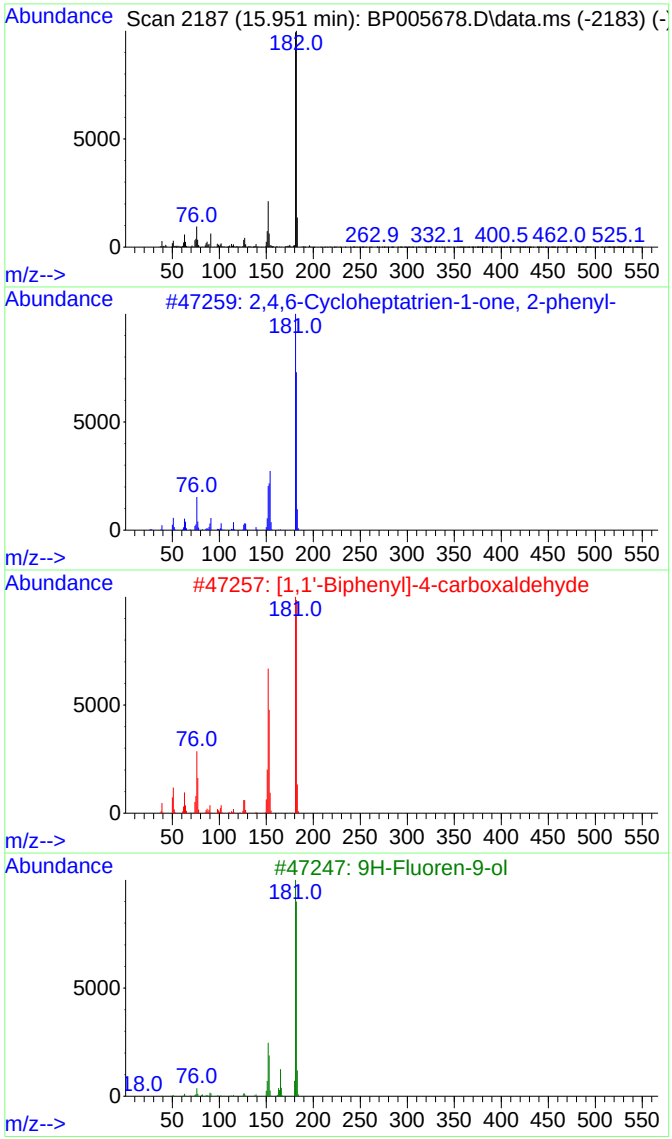
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

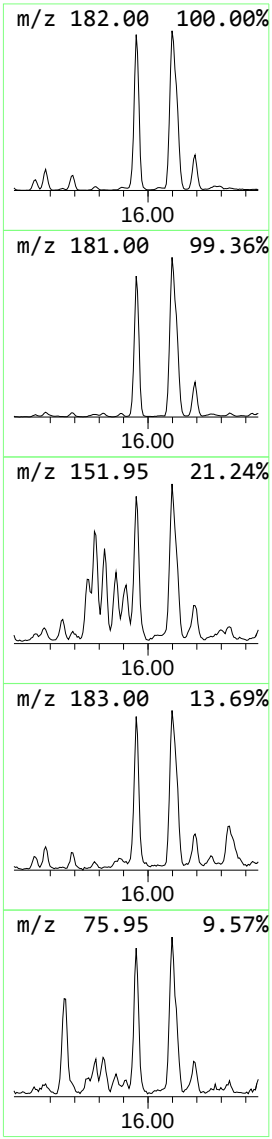
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2,4,6-Cycloheptatrien-1-one... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.951	8.53 ng	1267990	Acenaphthene-d10	14.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	9H-Xanthene	182	C13H10O	000092-83-1	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005678.D
Acq On : 02 Jun 2021 22:20
Operator : CG/JU
Sample : M2580-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

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

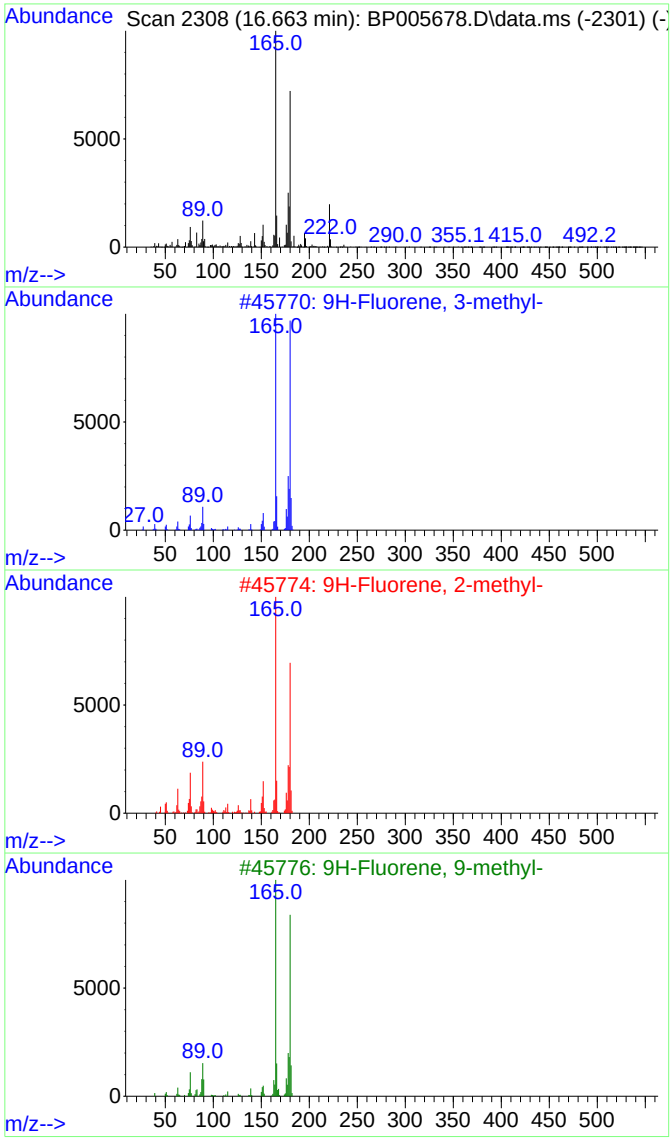
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

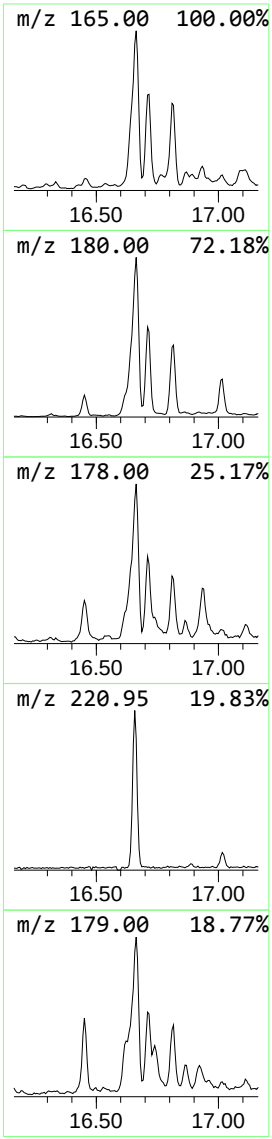
****

Peak Number 10 9H-Fluorene, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.663	8.20 ng	1299780	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	91
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	83
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	62
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005678.D
Acq On : 02 Jun 2021 22:20
Operator : CG/JU
Sample : M2580-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

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

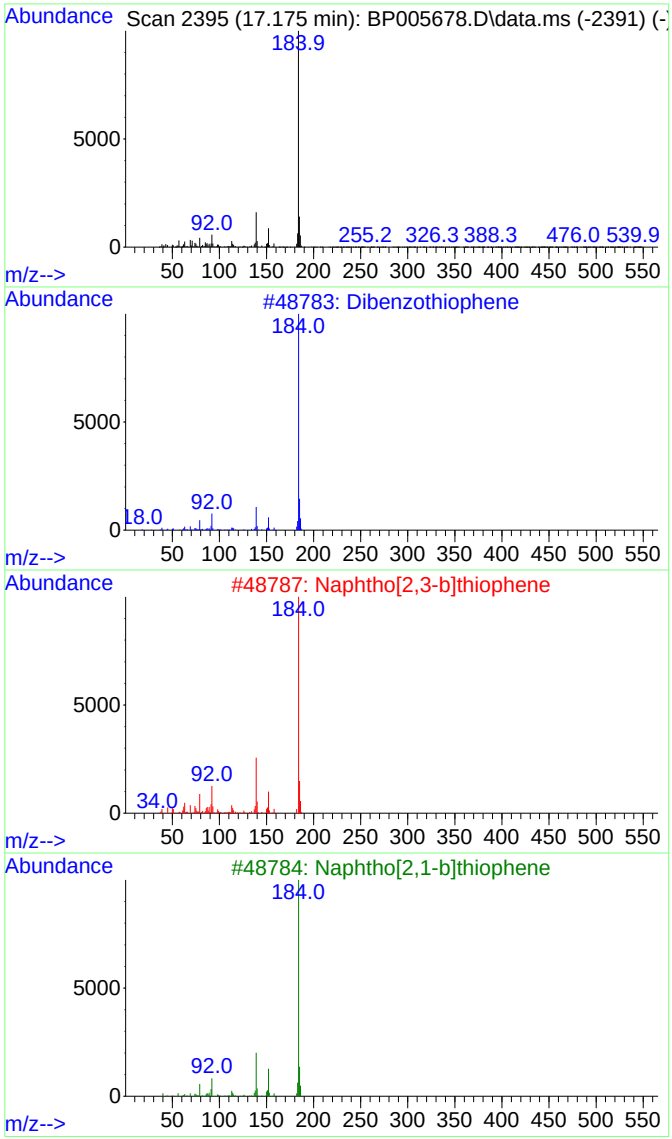
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

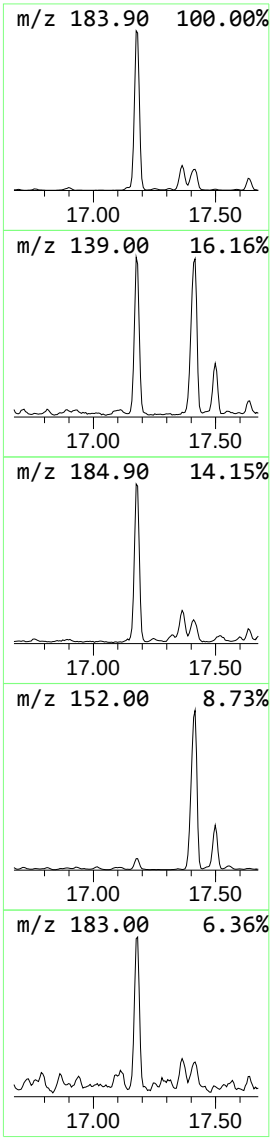
****

Peak Number 11 Dibenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.175	16.15 ng	2558630	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005678.D
Acq On : 02 Jun 2021 22:20
Operator : CG/JU
Sample : M2580-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

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

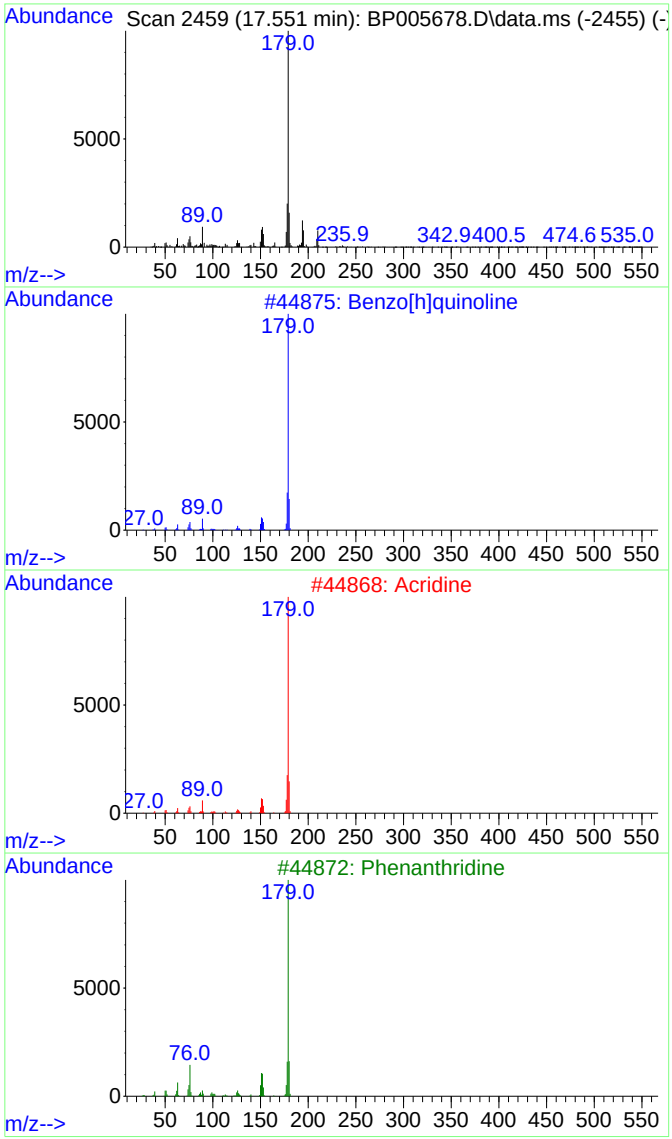
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

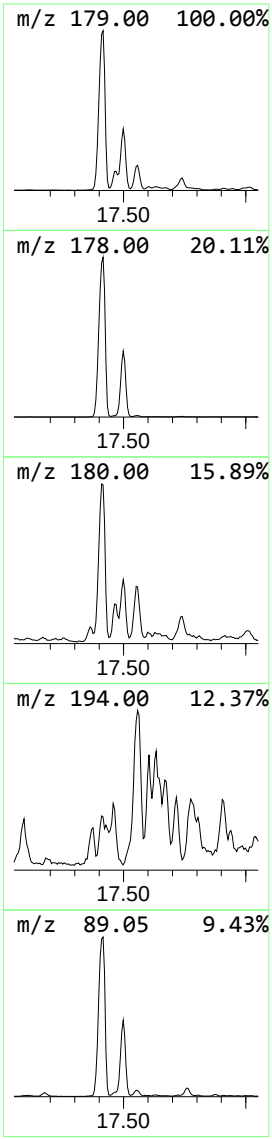
****

Peak Number 12 Benzo[h]quinoline Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.551	6.21 ng	984743	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]quinoline	179	C13H9N	000230-27-3	94
2	Acridine	179	C13H9N	000260-94-6	94
3	Phenanthridine	179	C13H9N	000229-87-8	89
4	[1,1'-Biphenyl]-2-carbonitrile	179	C13H9N	024973-49-7	81
5	Benzo[g]quinoline	179	C13H9N	000260-36-6	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005678.D
Acq On : 02 Jun 2021 22:20
Operator : CG/JU
Sample : M2580-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

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

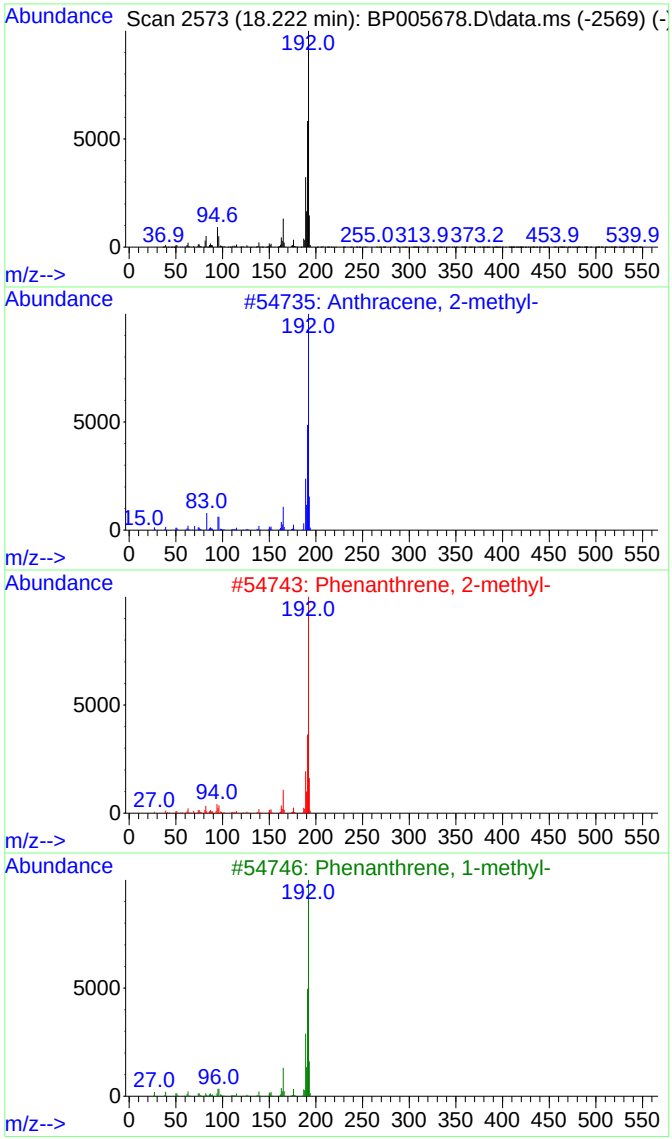
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

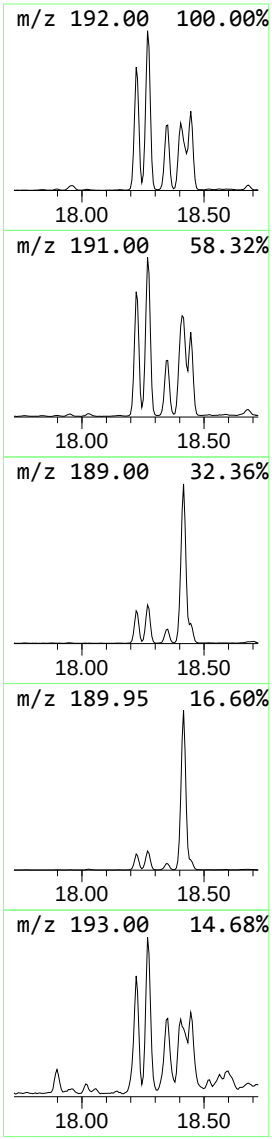
****

Peak Number 13 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.222	20.28 ng	3213580	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005678.D
Acq On : 02 Jun 2021 22:20
Operator : CG/JU
Sample : M2580-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

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

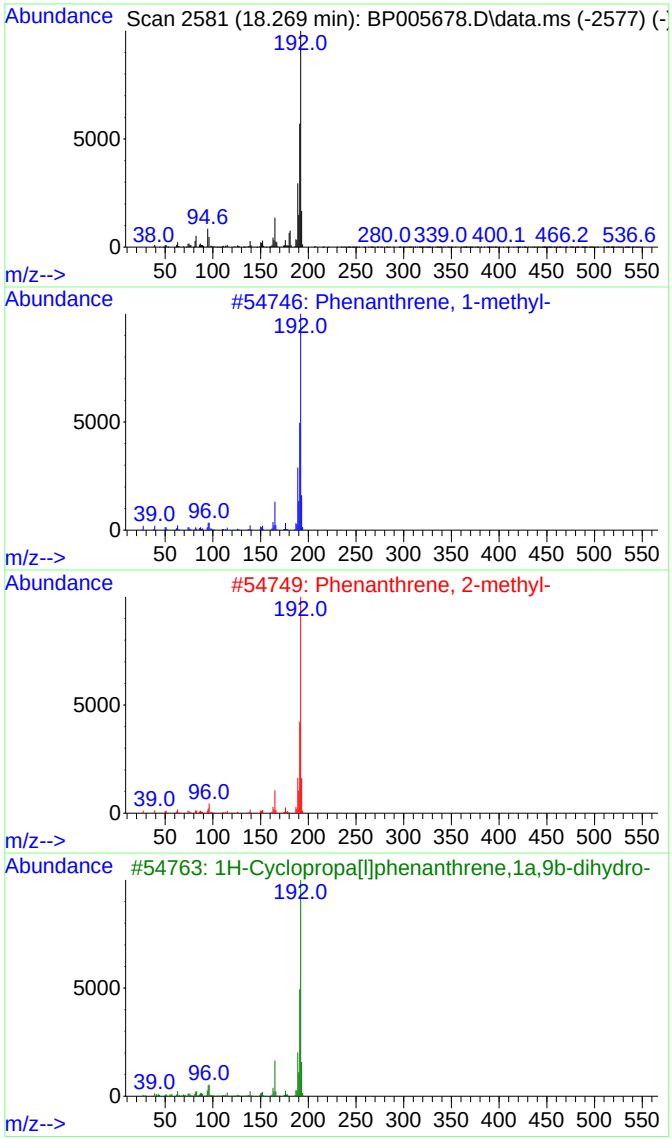
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

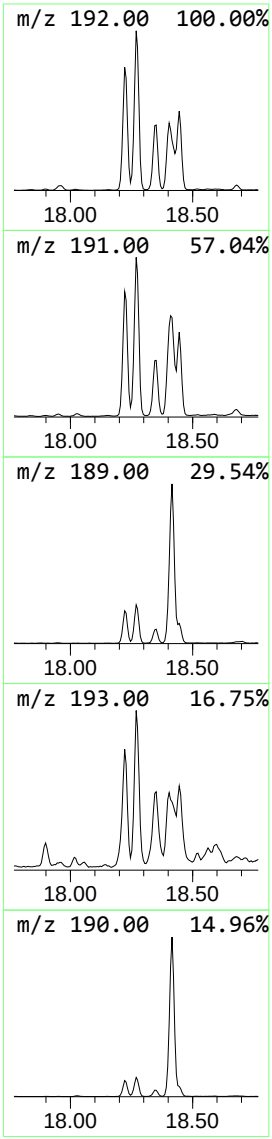
****

Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	29.26 ng	4636280	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005678.D
Acq On : 02 Jun 2021 22:20
Operator : CG/JU
Sample : M2580-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

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

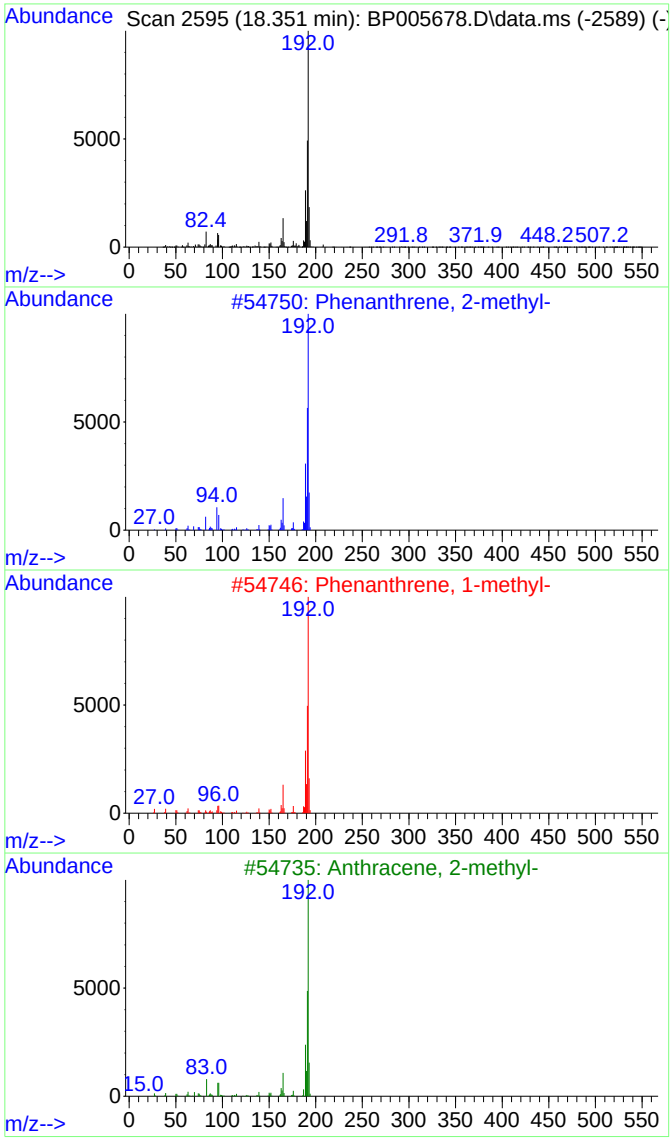
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

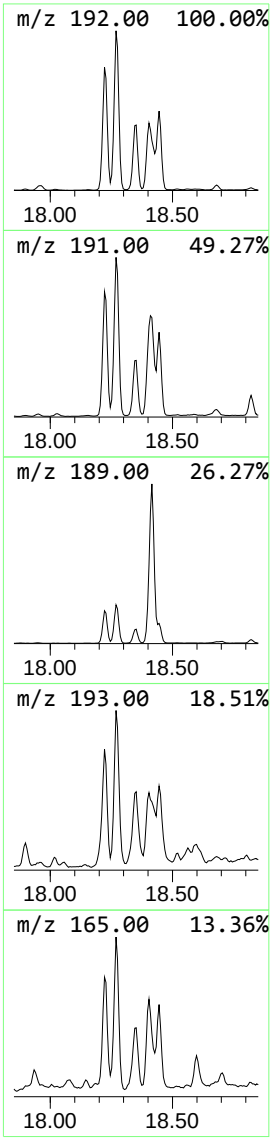
****

Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.351	12.30 ng	1949600	Phenanthrene-d10	17.363

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005678.D
Acq On : 02 Jun 2021 22:20
Operator : CG/JU
Sample : M2580-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

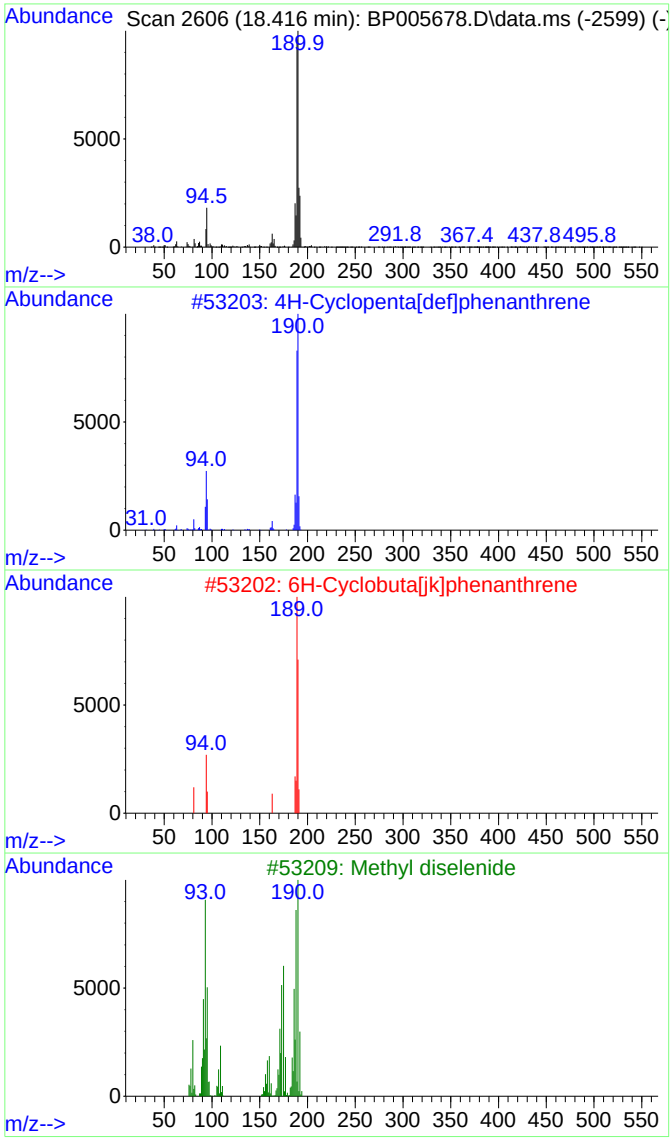
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

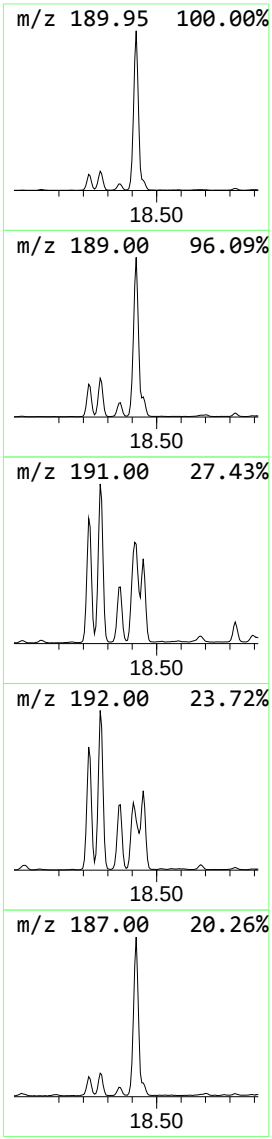
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.416	49.59 ng	7858680	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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005678.D
Acq On : 02 Jun 2021 22:20
Operator : CG/JU
Sample : M2580-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B1(4-6)

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

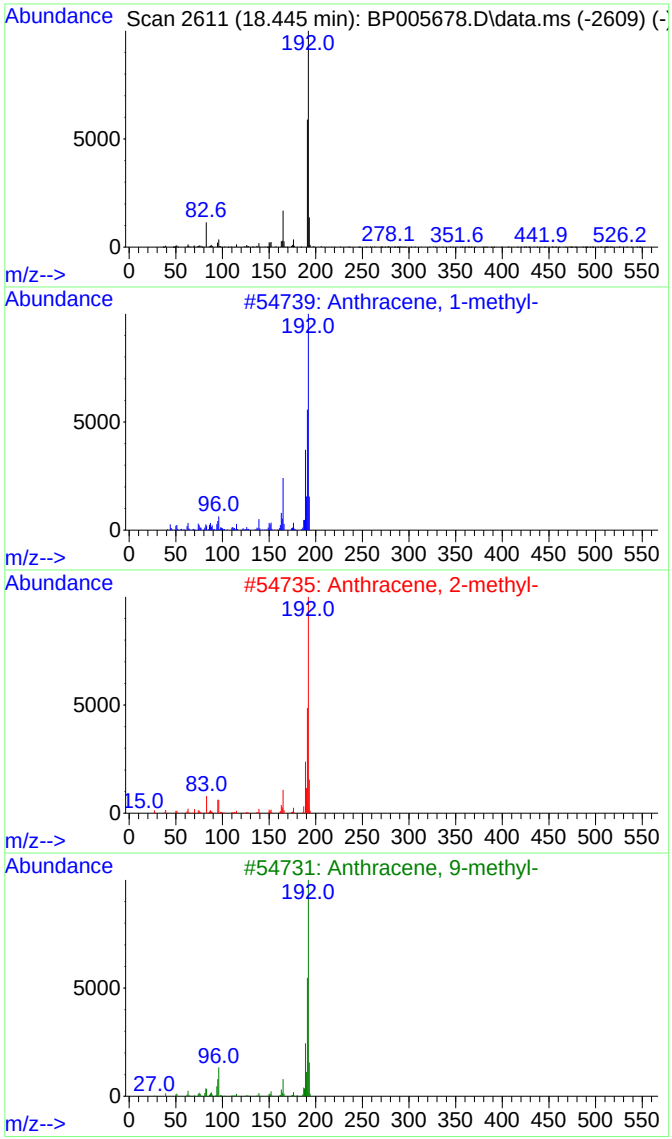
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

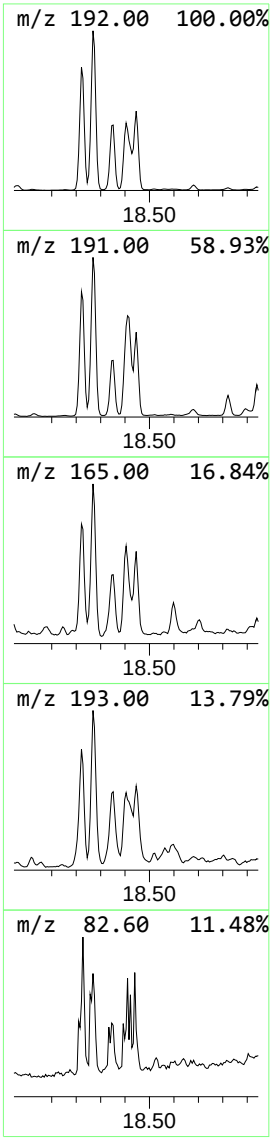
****

Peak Number 17 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.445	10.34 ng	1639160	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005678.D
Acq On : 02 Jun 2021 22:20
Operator : CG/JU
Sample : M2580-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

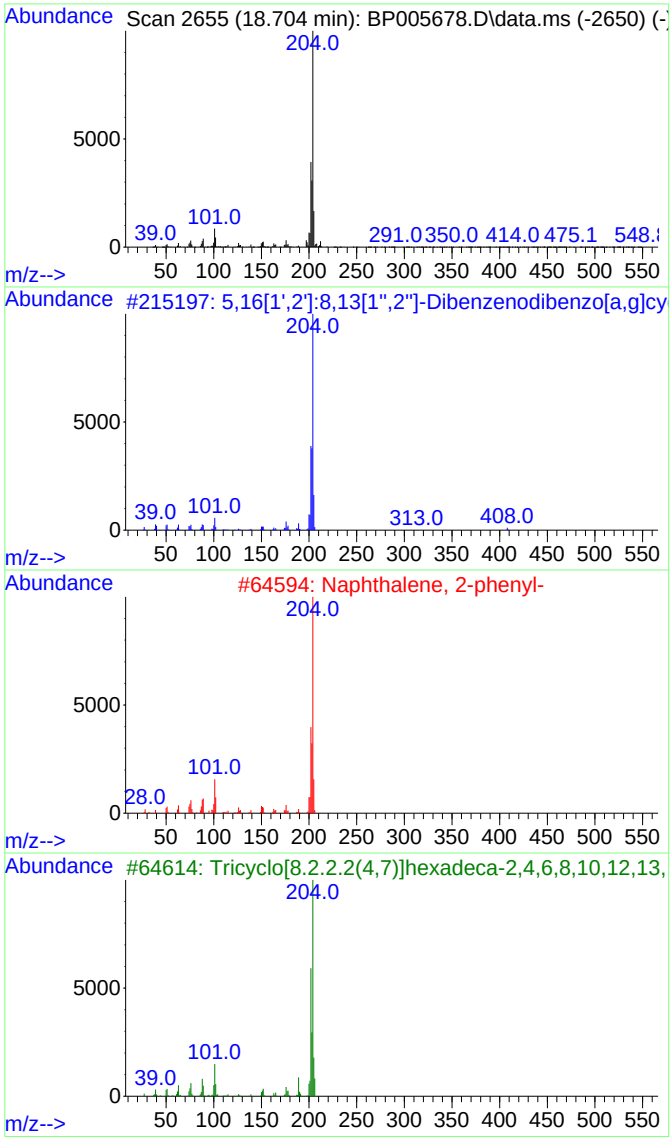
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

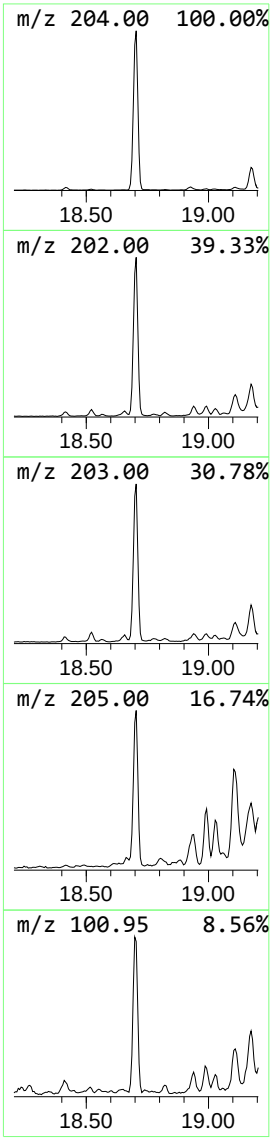
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.704	14.47 ng	2293540	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005678.D
Acq On : 02 Jun 2021 22:20
Operator : CG/JU
Sample : M2580-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

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

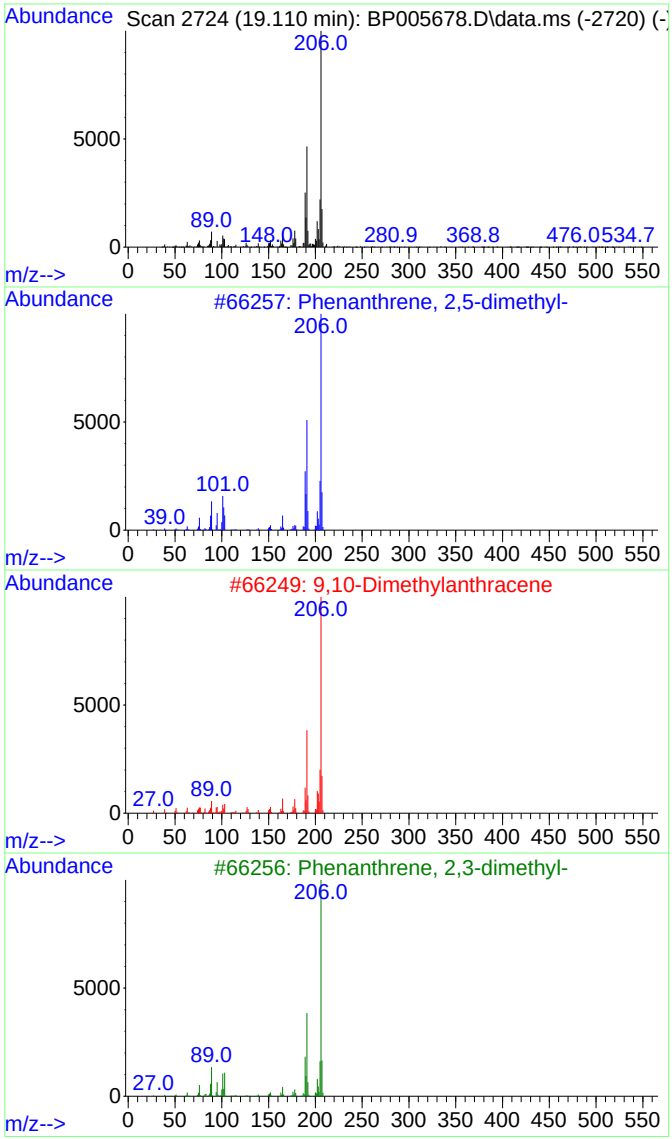
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

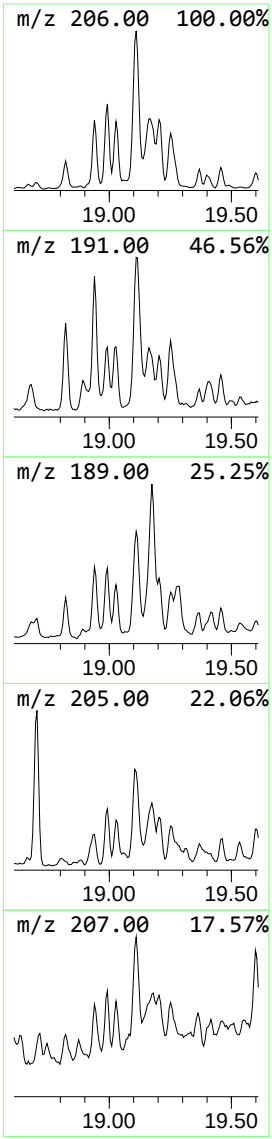
****

Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.110	13.18 ng	2089190	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005678.D
Acq On : 02 Jun 2021 22:20
Operator : CG/JU
Sample : M2580-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B1(4-6)

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

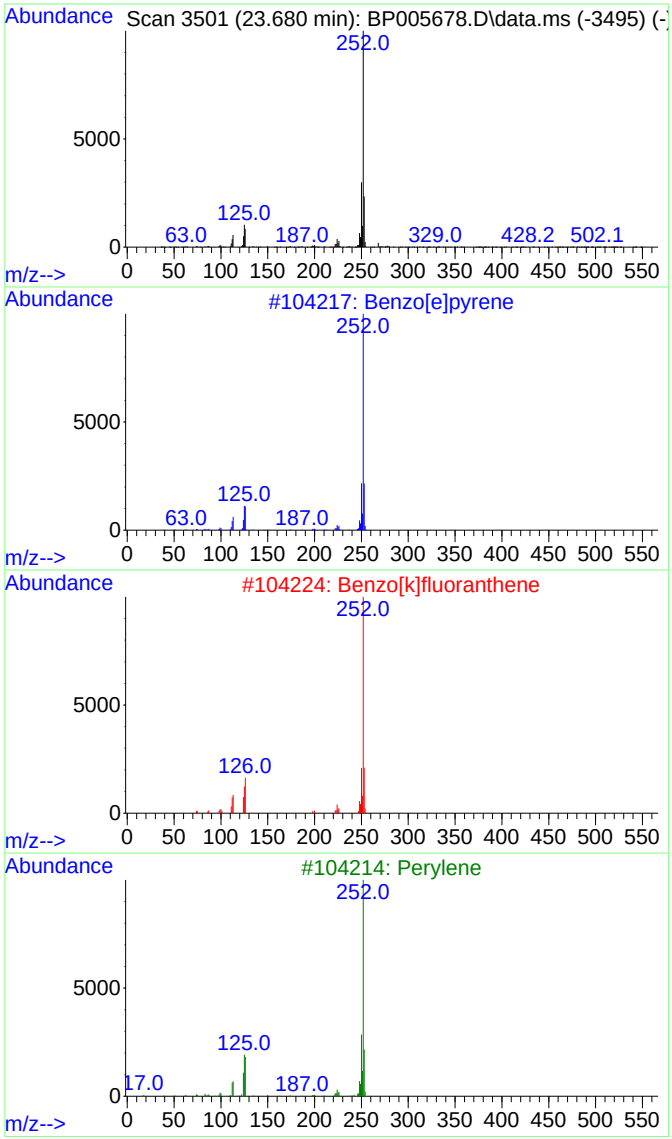
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

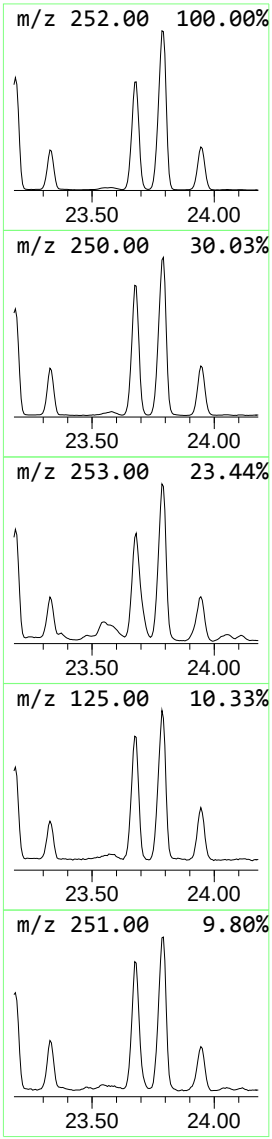
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.680	12.83 ng	11418700	Perylene-d12	23.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005678.D
Acq On : 02 Jun 2021 22:20
Operator : CG/JU
Sample : M2580-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B1(4-6)

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...	6.669	8.5	ng	639735	1	7.993	1504770	20.0
Cyclohexene, 4-...	7.481	6.3	ng	471386	1	7.993	1504770	20.0
Hexadecane	9.228	7.9	ng	592259	1	7.993	1504770	20.0
Naphthalene, 2,...	13.798	11.4	ng	1690560	3	14.616	2974140	20.0
Naphthalene, 2,...	13.940	12.1	ng	1793330	3	14.616	2974140	20.0
Naphthalene, 2,...	13.993	7.0	ng	1047640	3	14.616	2974140	20.0
Nordiphenamid	15.822	6.6	ng	982224	3	14.616	2974140	20.0
2,4,6-Cycloheptt...	15.951	8.5	ng	1267990	3	14.616	2974140	20.0
9H-Fluorene, 3-...	16.663	8.2	ng	1299780	4	17.363	3169550	20.0
Dibenzothiophene	17.175	16.1	ng	2558630	4	17.363	3169550	20.0
Benzo[h]quinoline	17.551	6.2	ng	984743	4	17.363	3169550	20.0
Anthracene, 2-m...	18.222	20.3	ng	3213580	4	17.363	3169550	20.0
Phenanthrene, 1...	18.269	29.3	ng	4636280	4	17.363	3169550	20.0
Phenanthrene, 2...	18.351	12.3	ng	1949600	4	17.363	3169550	20.0
4H-Cyclopenta[d...	18.416	49.6	ng	7858680	4	17.363	3169550	20.0
Anthracene, 1-m...	18.445	10.3	ng	1639160	4	17.363	3169550	20.0
5,16[1',2']:8,1...	18.704	14.5	ng	2293540	4	17.363	3169550	20.0
Phenanthrene, 2...	19.110	13.2	ng	2089190	4	17.363	3169550	20.0
Benzo[e]pyrene	23.680	12.8	ng	11418700	6	23.892	17804100	20.0