LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005671.D
Acq On : 02 Jun 2021 18:22
Operator : CG/JU
Sample : M2580-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B2(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: BP005671.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.117	3	5	10	rVB	1350573	1349434	14.58%	1.170%
2	3.158	10	12	23	rVB	103934	138900	1.50%	0.120%
3	5.081	333	339	350	rVB2	76193	126400	1.37%	0.110%
4	5.546	412	418	426	rBV	1926255	2859598	30.89%	2.479%
5	7.152	682	691	698	rBV	1718548	2810256	30.35%	2.436%
6	7.616	762	770	771	rBV3	60758	96463	1.04%	0.084%
7	7.987	825	833	841	rBV	1245321	1992913	21.53%	1.728%
8	8.634	938	943	958	rVB3	43918	108185	1.17%	0.094%
9	9.099	1011	1022	1025	rBV3	56822	113903	1.23%	0.099%
10	9.152	1025	1031	1039	rVV	1083886	1801351	19.46%	1.562%
11	9.222	1039	1043	1048	rVB	95700	150298	1.62%	0.130%
12	10.799	1300	1311	1315	rBV	1432781	2705552	29.22%	2.345%
13	10.846	1315	1319	1327	rVB	682565	1116504	12.06%	0.968%
14	10.963	1335	1339	1344	rVB	69963	101927	1.10%	0.088%
15	11.716	1461	1467	1474	rVB3	50920	96877	1.05%	0.084%
16	11.822	1481	1485	1489	rBV	82374	136006	1.47%	0.118%
17	12.216	1543	1552	1557	rBV	192664	307578	3.32%	0.267%
18	12.452	1582	1592	1600	rVB	357940	613700	6.63%	0.532%
19	12.663	1622	1628	1639	rBV	228802	424041	4.58%	0.368%
20	13.157	1708	1712	1718	rVB2	109238	170877	1.85%	0.148%
21	13.240	1719	1726	1737	rBV	2697550	3889157	42.01%	3.371%
22	13.446	1756	1761	1768	rVB2	321161	486551	5.26%	0.422%
23	13.781	1811	1818	1819	rBV	130706	207892	2.25%	0.180%
24	13.934	1839	1844	1849	rBV	214264	374380	4.04%	0.325%
25	13.987	1849	1853	1859	rVV	147569	226776	2.45%	0.197%
26	14.063	1859	1866	1870	rVV	276072	454807	4.91%	0.394%
27	14.098	1870	1872	1876	rVB	145145	150595	1.63%	0.131%
28	14.334	1905	1912	1922	rBV	186513	373502	4.03%	0.324%
29	14.451	1927	1932	1937	rVB5	64158	112127	1.21%	0.097%
30	14.510	1937	1942	1949	rBV	303165	388819	4.20%	0.337%
31	14.610	1950	1959	1965	rBV	1888522	2962851	32.00%	2.568%
32	14.675	1965	1970	1978	rVB	666043	1059452	11.44%	0.918%
33	14.816	1990	1994	2003	rVB2	63576	170156	1.84%	0.148%
34	15.004	2021	2026	2033	rVB	509527	769759	8.31%	0.667%
35	15.081	2035	2039	2043	rVB	95273	136832	1.48%	0.119%
36	15.228	2060	2064	2068	rVV2	75512	113230	1.22%	0.098%

LSC Area Percent Report

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Data File : BP005671.D
Acq On : 02 Jun 2021 18:22
Operator : CG/JU
Sample : M2580-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B2(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

37	15.275	2068	2072	2076	rVB	77273	115211	1.24%	0.100%
38	15.398	2087	2093	2096	rBV3	70887	137796	1.49%	0.119%
39	15.457	2100	2103	2108	rVB	272495	315743	3.41%	0.274%
40	15.657	2131	2137	2142	rBV	795797	1177032	12.71%	1.020%
41	15.781	2155	2158	2161	rVB2	87821	98098	1.06%	0.085%
42	15.816	2161	2164	2168	rBV2	94700	124642	1.35%	0.108%
43	15.863	2168	2172	2176	rBV2	157252	210456	2.27%	0.182%
44	15.951	2182	2187	2195	rVB2	173802	306985	3.32%	0.266%
45	16.093	2205	2211	2220	rBV	1875238	2894041	31.26%	2.509%
46	16.322	2245	2250	2252	rBV2	302920	465281	5.03%	0.403%
47	16.657	2304	2307	2311	rVB2	144179	203209	2.19%	0.176%
48	16.710	2312	2316	2321	rVB3	103602	159323	1.72%	0.138%
49	16.810	2330	2333	2338	rVB4	70422	93395	1.01%	0.081%
50	16.928	2350	2353	2357	rVB3	93419	107690	1.16%	0.093%
51	17.004	2363	2366	2374	rVB2	136746	212842	2.30%	0.185%
52	17.110	2376	2384	2389	rVV2	347114	651319	7.03%	0.565%
53	17.169	2390	2394	2404	rVB2	435408	694388	7.50%	0.602%
54	17.357	2420	2426	2429	rBV	1988168	2938686	31.74%	2.548%
55	17.398	2429	2433	2439	rVB	5495093	7546498	81.51%	6.542%
56	17.487	2444	2448	2454	rVV	1207631	1740088	18.79%	1.508%
57	17.545	2454	2458	2463	rVV4	136040	227923	2.46%	0.198%
58	17.751	2489	2493	2501	rVB	492648	749088	8.09%	0.649%
59	17.851	2506	2510	2517	rBV2	200029	319465	3.45%	0.277%
60	17.934	2521	2524	2532	rVB2	103132	176988	1.91%	0.153%
61	18.216	2568	2572	2576	rBV	621124	954062	10.30%	0.827%
62	18.263	2576	2580	2587	rVB	882731	1232507	13.31%	1.068%
63	18.339	2589	2593	2598	rVV	318111	452674	4.89%	0.392%
64	18.404	2599	2604	2608	rVV3	948408	1698948	18.35%	1.473%
65	18.439	2608	2610	2615	rVB	409030	465622	5.03%	0.404%
66	18.516	2620	2623	2626	rVB2	153896	173107	1.87%	0.150%
67	18.698	2650	2654	2657	rBV	399750	499601	5.40%	0.433%
68	18.734	2657	2660	2666	rVB3	194685	273781	2.96%	0.237%
69	18.934	2691	2694	2698	rVB	324092	342148	3.70%	0.297%
70	19.098	2718	2722	2725	rBV	365677	543767	5.87%	0.471%
71	19.234	2742	2745	2752	rVB2	190478	290371	3.14%	0.252%
72	19.357	2760	2766	2771	rBV	6925806	9258497	100.00%	8.026%
73	19.410	2771	2775	2778	rVV2	513112	666863	7.20%	0.578%
74	19.586	2803	2805	2809	rBV	173407	185307	2.00%	0.161%
75	19.675	2816	2820	2822	rBV2	1175543	1760892	19.02%	1.526%
76	19.704	2822	2825	2832	rVV	5776208	7788417	84.12%	6.752%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005671.D
Acq On : 02 Jun 2021 18:22
Operator : CG/JU
Sample : M2580-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B2(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

77	19.775	2834	2837	2842	rVB2	301570	437574	4.73%	0.379%
78	19.898	2852	2858	2862	rBV	3771751	4804803	51.90%	4.165%
79	20.010	2874	2877	2884	rBV2	345406	821078	8.87%	0.712%
80	20.186	2903	2907	2911	rVB	1012798	1416824	15.30%	1.228%
81	20.281	2920	2923	2927	rBV2	800568	879240	9.50%	0.762%
82	21.416	3111	3116	3121	rBV3	4366148	8991922	97.12%	7.795%
83	21.463	3121	3124	3133	rVB	3138535	4036443	43.60%	3.499%
84	23.127	3401	3407	3412	rBV	2265962	5680587	61.36%	4.924%
85	23.657	3493	3497	3507	rVB	1595081	3227293	34.86%	2.798%
86	23.763	3510	3515	3523	rVB	2260644	4498318	48.59%	3.900%
87	23.874	3529	3534	3539	rVB	1766248	3210389	34.68%	2.783%

Sum of corrected areas: 115354871

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
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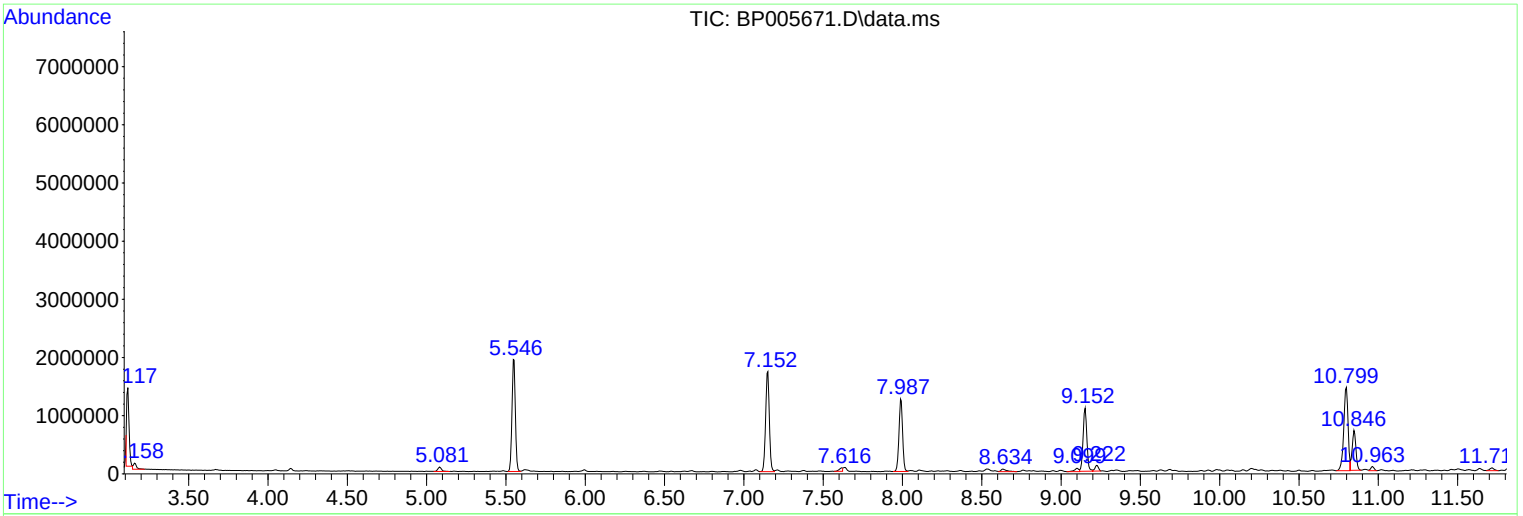
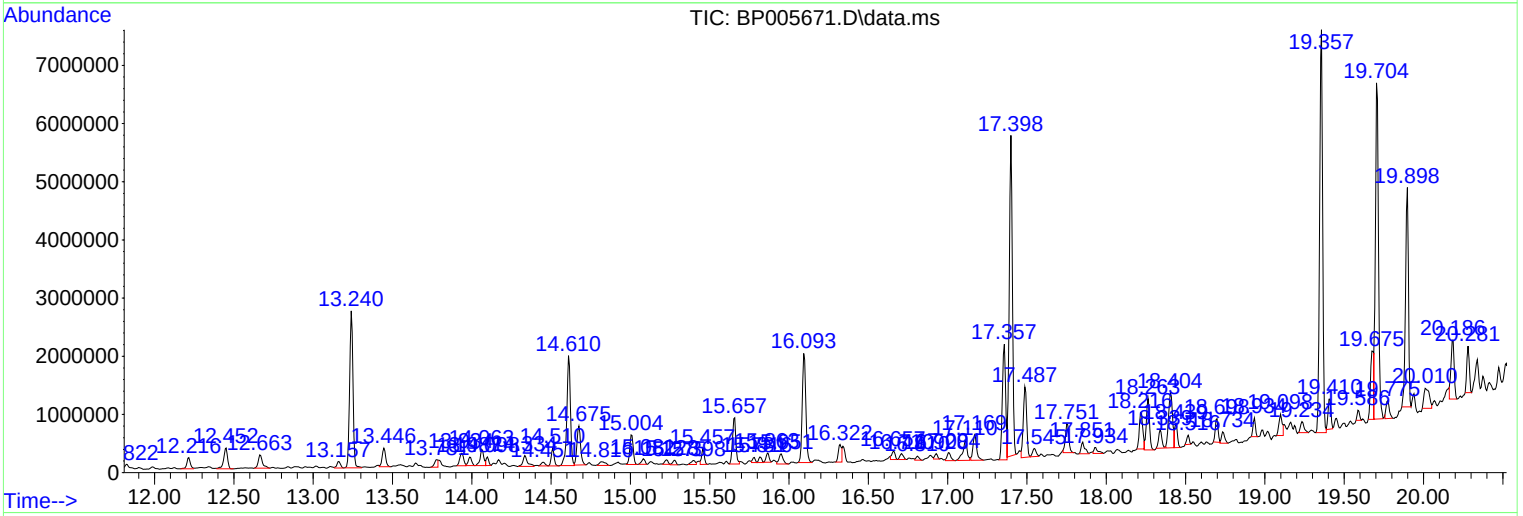
Misc :
ALS Vial : 9 Sample Multiplier: 1

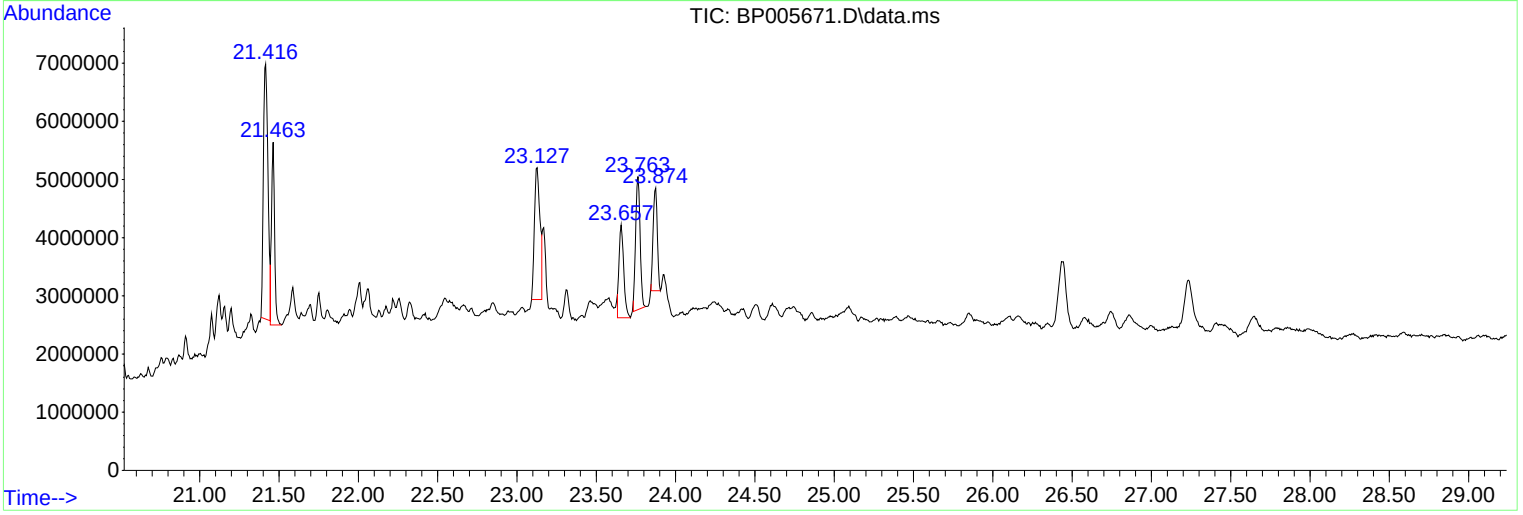
Instrument :
BNA_P
ClientSampleId :
18-B2(0-2)

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\
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BNA_P
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

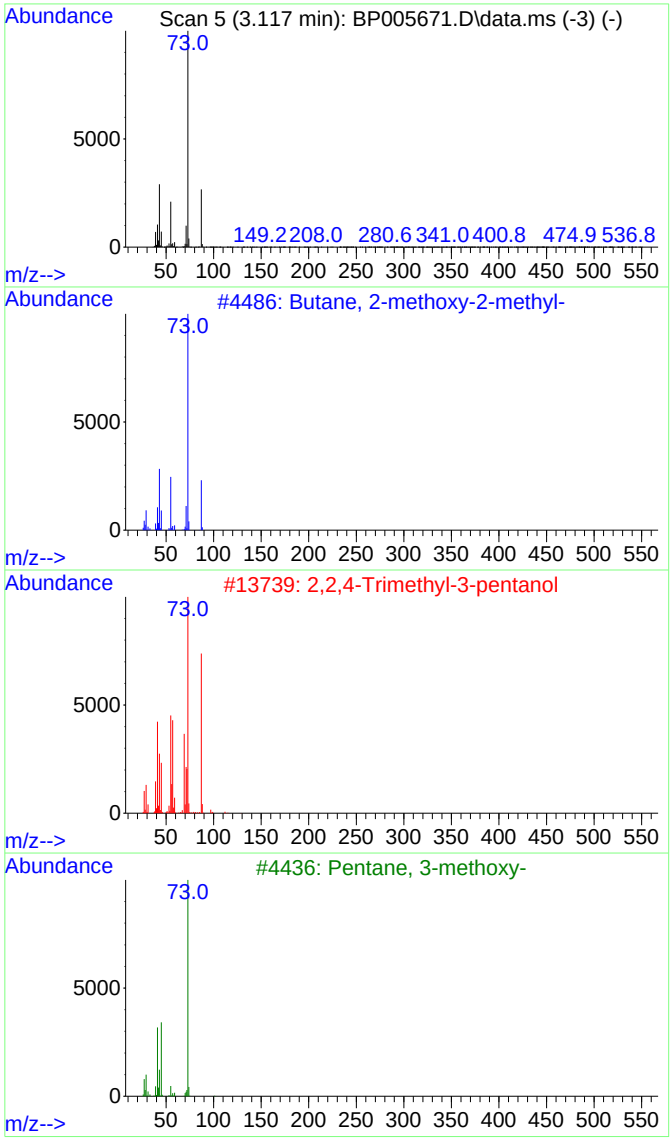
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

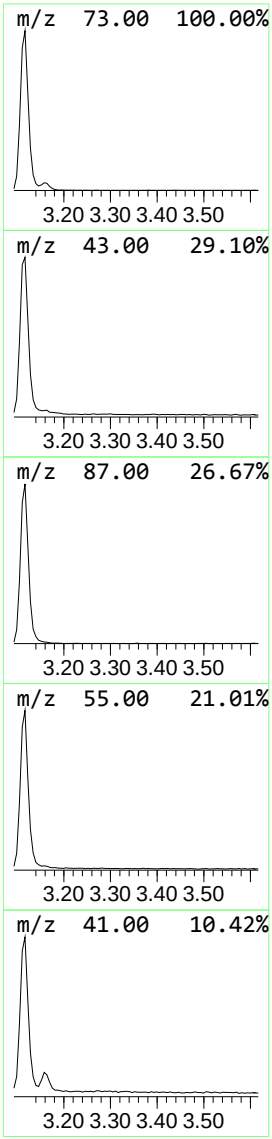
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.117	13.54 ng	1349430	1,4-Dichlorobenzene-d4	7.993

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005671.D
Acq On : 02 Jun 2021 18:22
Operator : CG/JU
Sample : M2580-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B2(0-2)

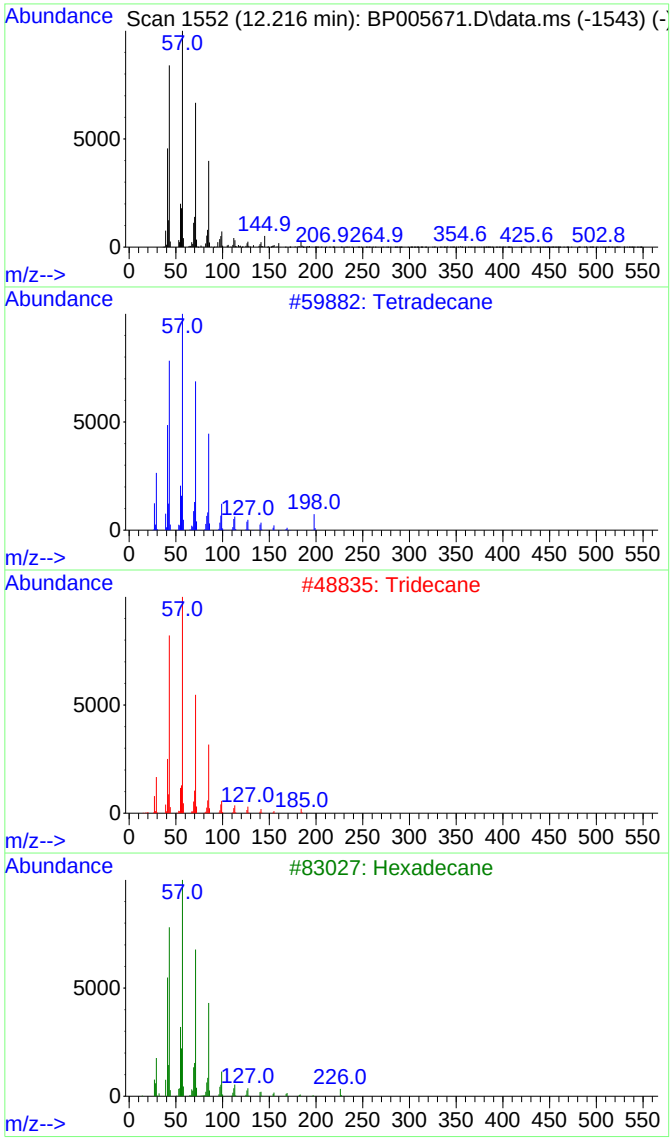
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

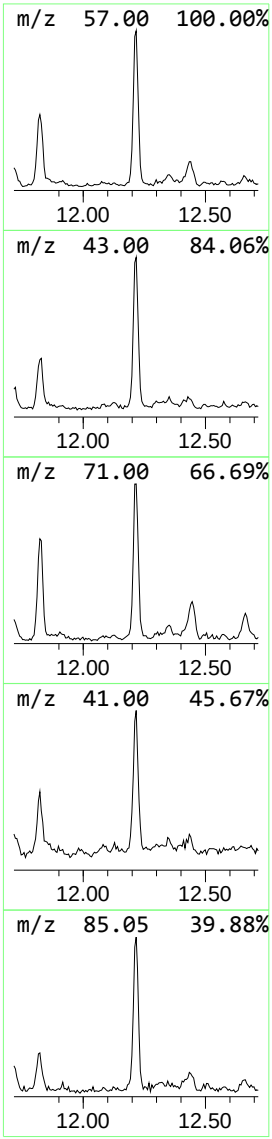
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Tetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.216	2.27 ng	307578	Naphthalene-d8	10.799

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Tridecane	184	C13H28	000629-50-5	94
3	Hexadecane	226	C16H34	000544-76-3	91
4	Pentadecane	212	C15H32	000629-62-9	90
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005671.D
Acq On : 02 Jun 2021 18:22
Operator : CG/JU
Sample : M2580-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B2(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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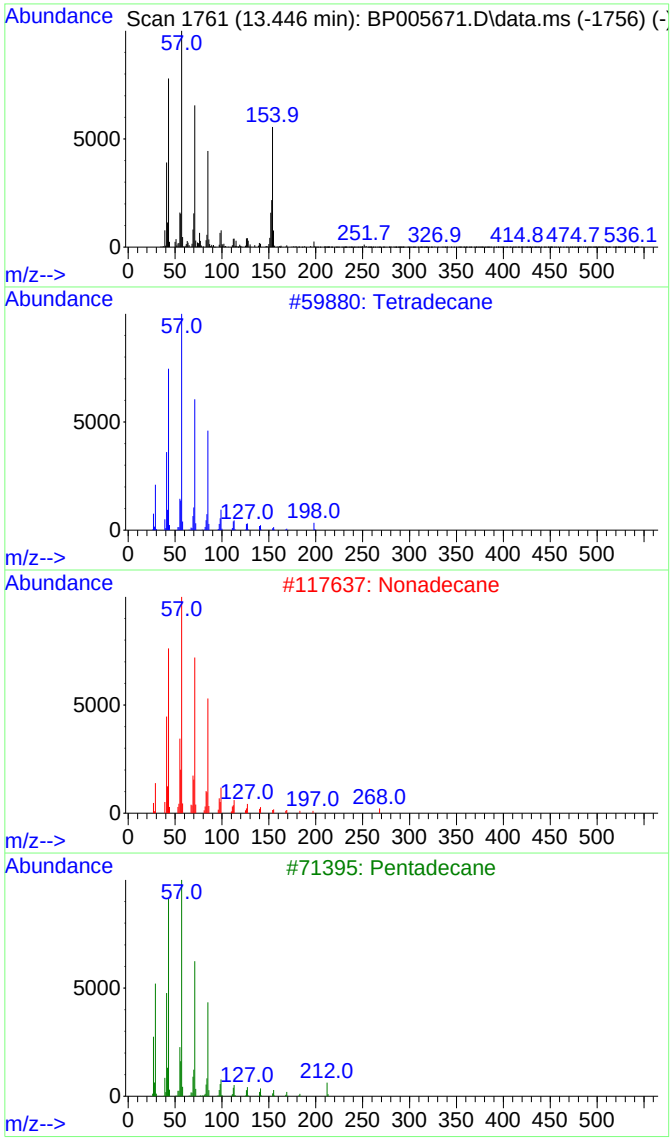
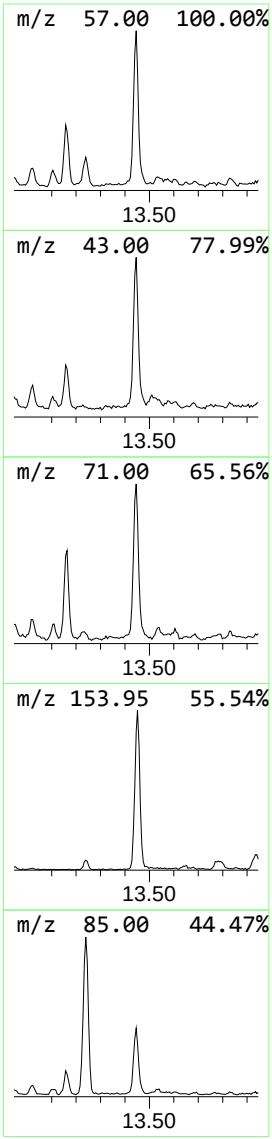
Peak Number 3 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.446	3.28 ng	486551	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Nonadecane	268	C19H40	000629-92-5	55
3	Pentadecane	212	C15H32	000629-62-9	46
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	43
5	Nonane	128	C9H20	000111-84-2	42





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Operator : CG/JU
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ALS Vial : 9 Sample Multiplier: 1

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BNA_P
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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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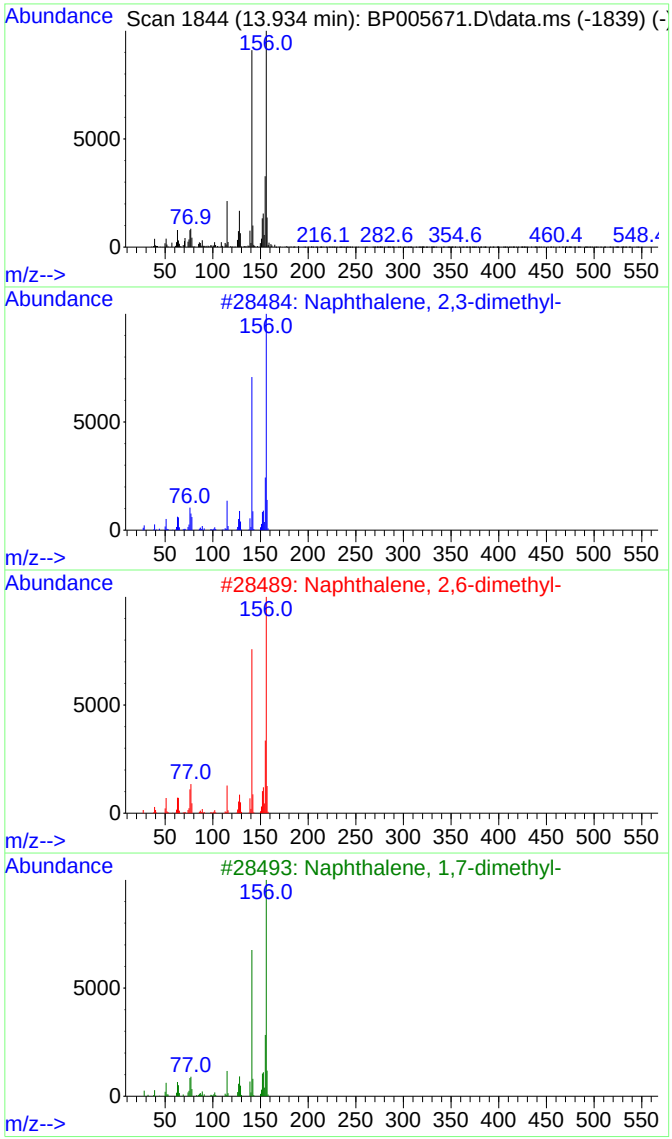
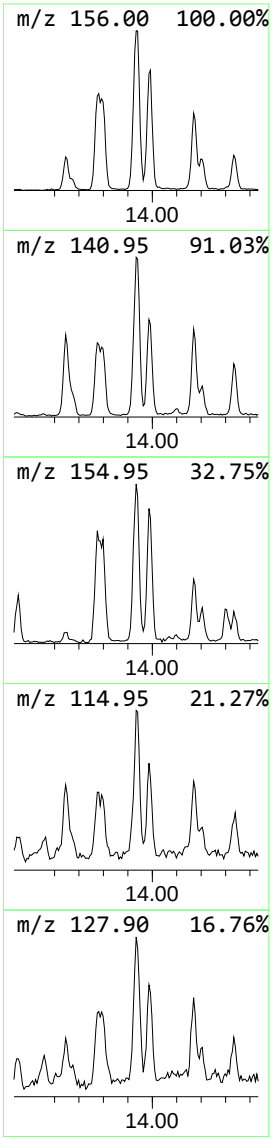
Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.934	2.53 ng	374380	Acenaphthene-d10	14.610

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, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005671.D
Acq On : 02 Jun 2021 18:22
Operator : CG/JU
Sample : M2580-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B2(0-2)

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

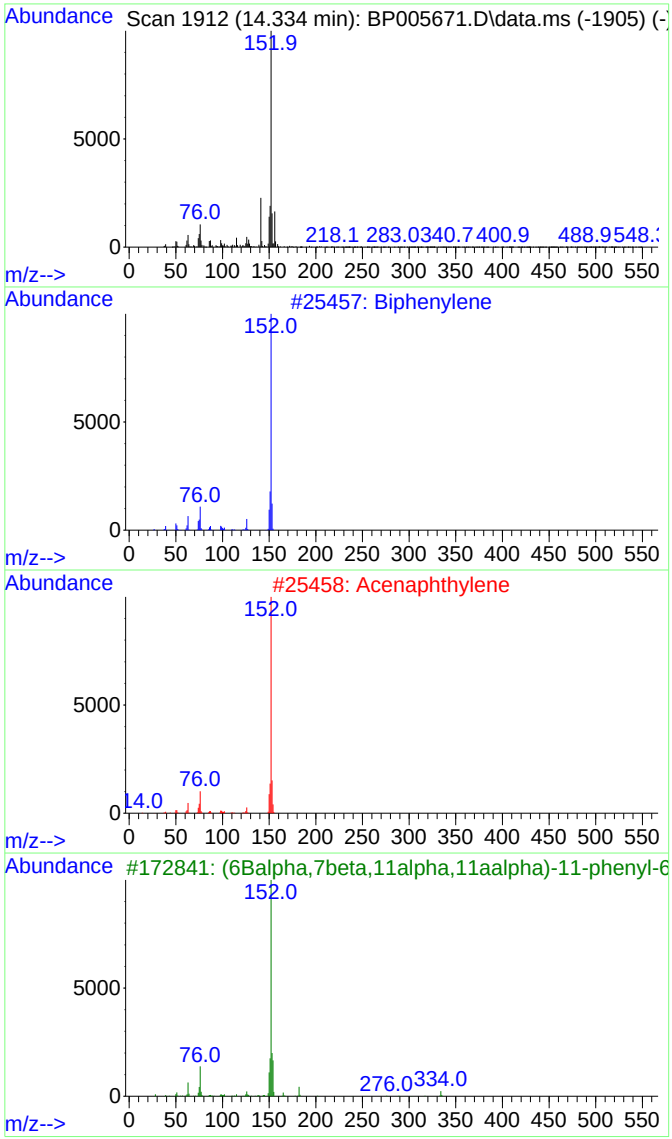
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

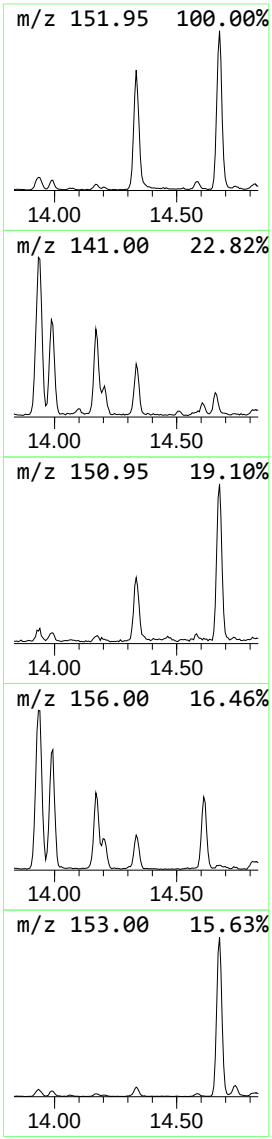
****

Peak Number 5 Biphenylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.334	2.52 ng	373502	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	94
2	Acenaphthylene	152	C12H8	000208-96-8	76
3	(6Balpha,7beta,11alpha,11aalpha)...	334	C25H18O	1000241-69-8	59
4	1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	58
5	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005671.D
Acq On : 02 Jun 2021 18:22
Operator : CG/JU
Sample : M2580-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B2(0-2)

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

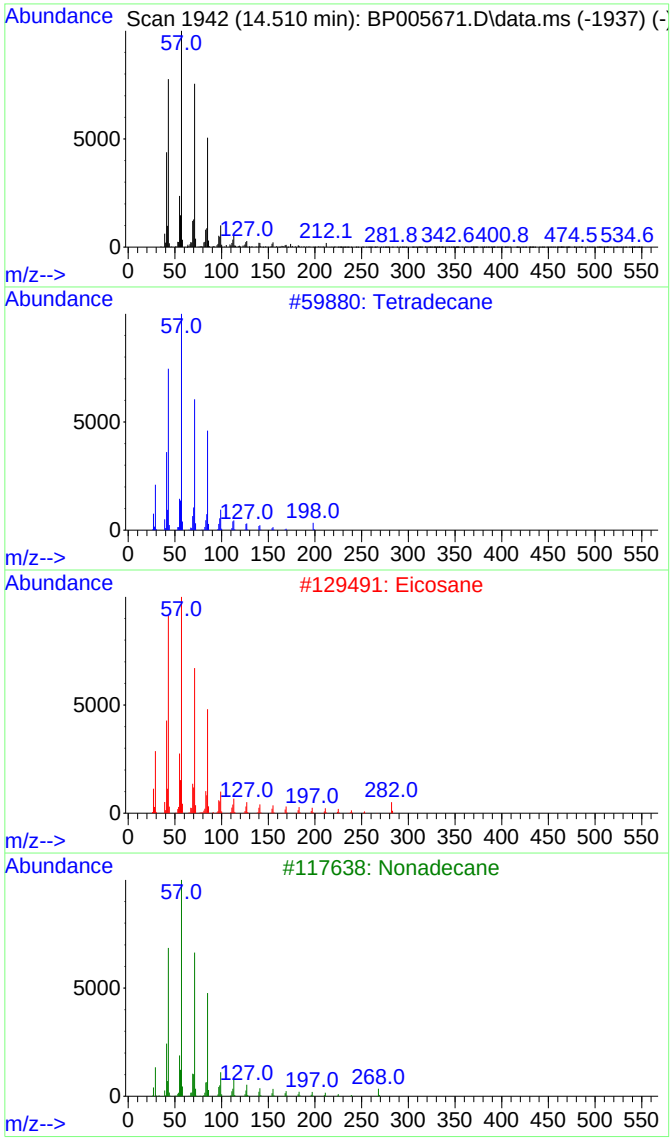
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

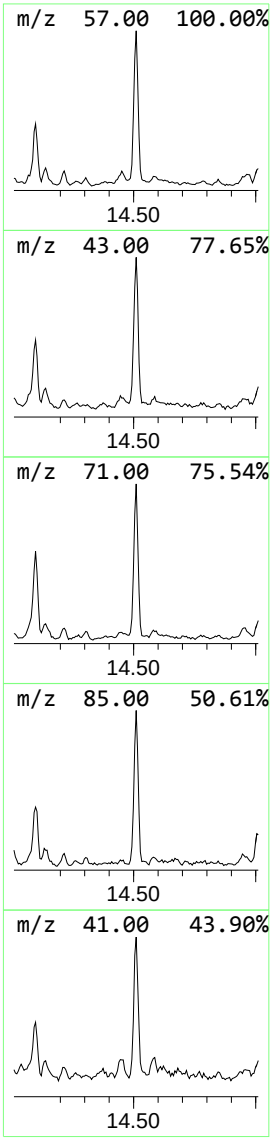
****

Peak Number 6 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.510	2.62 ng	388819	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86





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Data File : BP005671.D
Acq On : 02 Jun 2021 18:22
Operator : CG/JU
Sample : M2580-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B2(0-2)

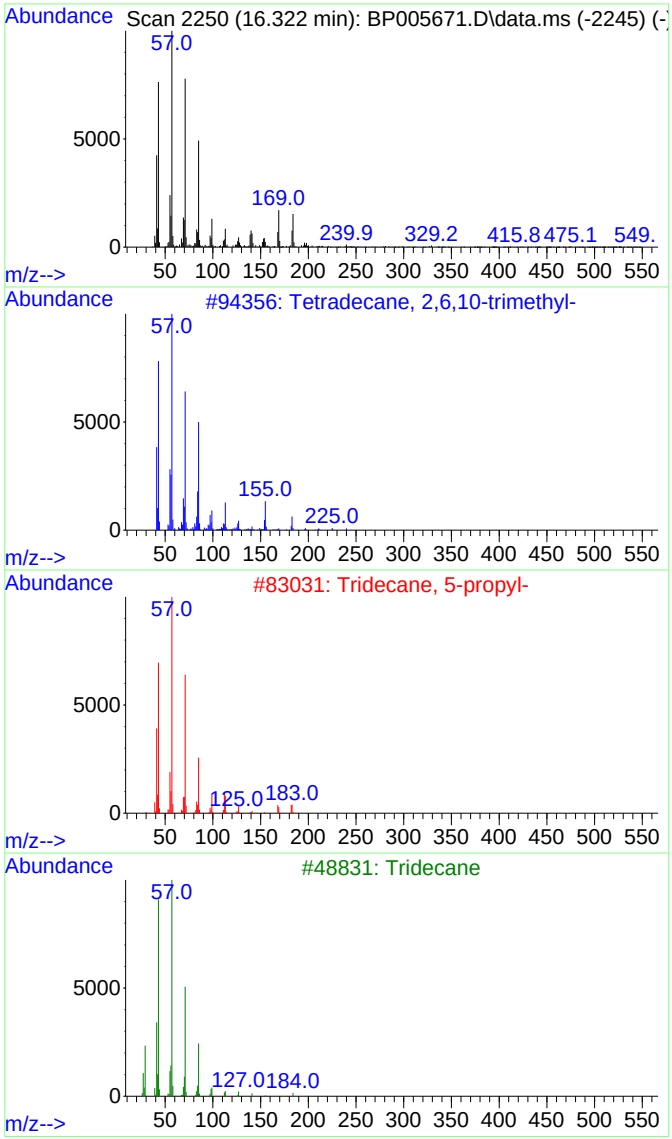
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

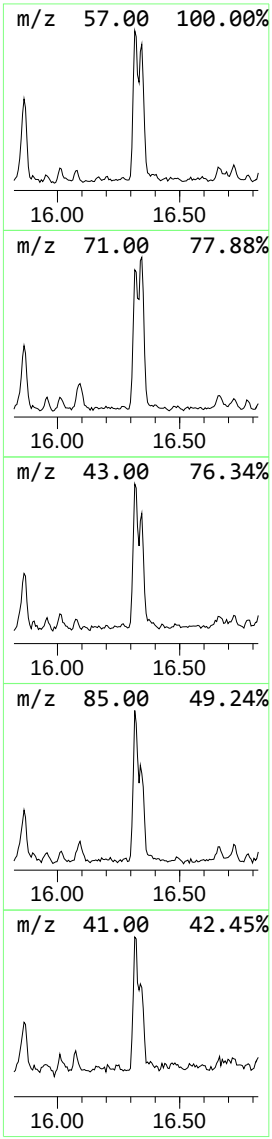
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Tetradecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.322	3.17 ng	465281	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
3	Tridecane	184	C13H28	000629-50-5	87
4	Octacosane	394	C28H58	000630-02-4	83
5	Heneicosane	296	C21H44	000629-94-7	83





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Acq On : 02 Jun 2021 18:22
Operator : CG/JU
Sample : M2580-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B2(0-2)

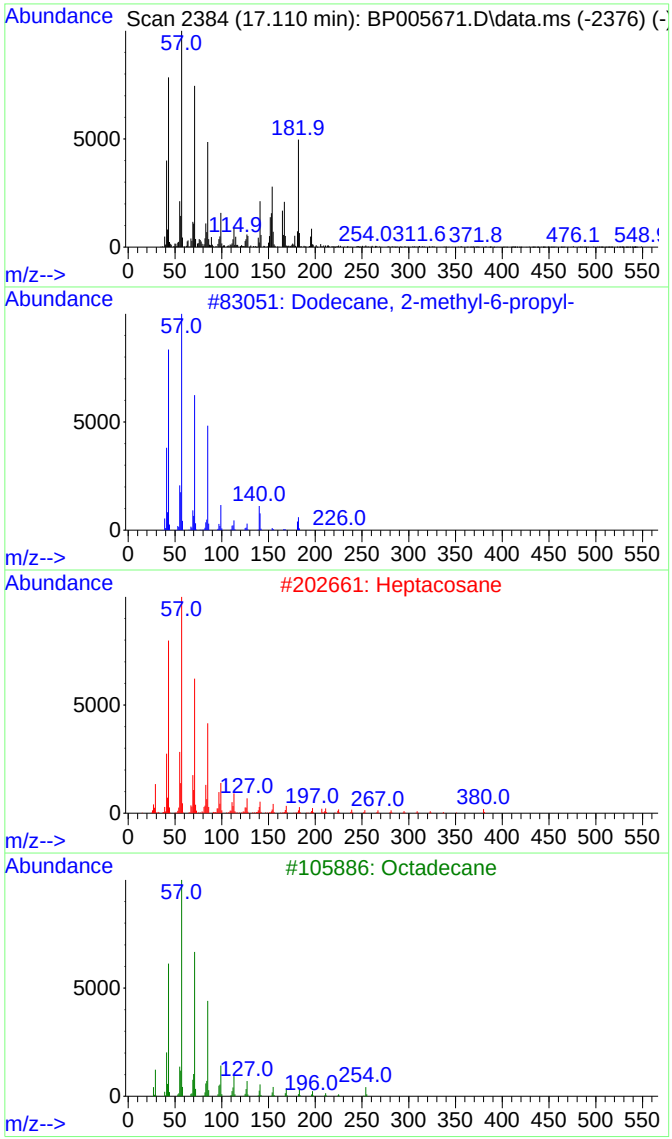
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

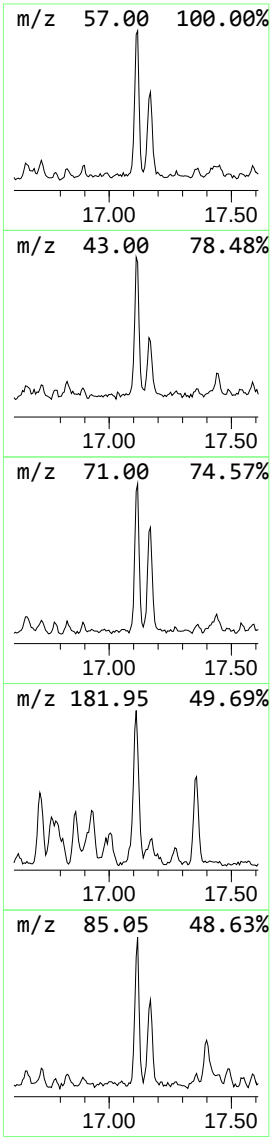
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Dodecane, 2-methyl-6-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.110	4.43 ng	651319	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	50
2	Heptacosane	380	C27H56	000593-49-7	45
3	Octadecane	254	C18H38	000593-45-3	43
4	Hexacosane	366	C26H54	000630-01-3	43
5	Hexadecane	226	C16H34	000544-76-3	43





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Acq On : 02 Jun 2021 18:22
Operator : CG/JU
Sample : M2580-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B2(0-2)

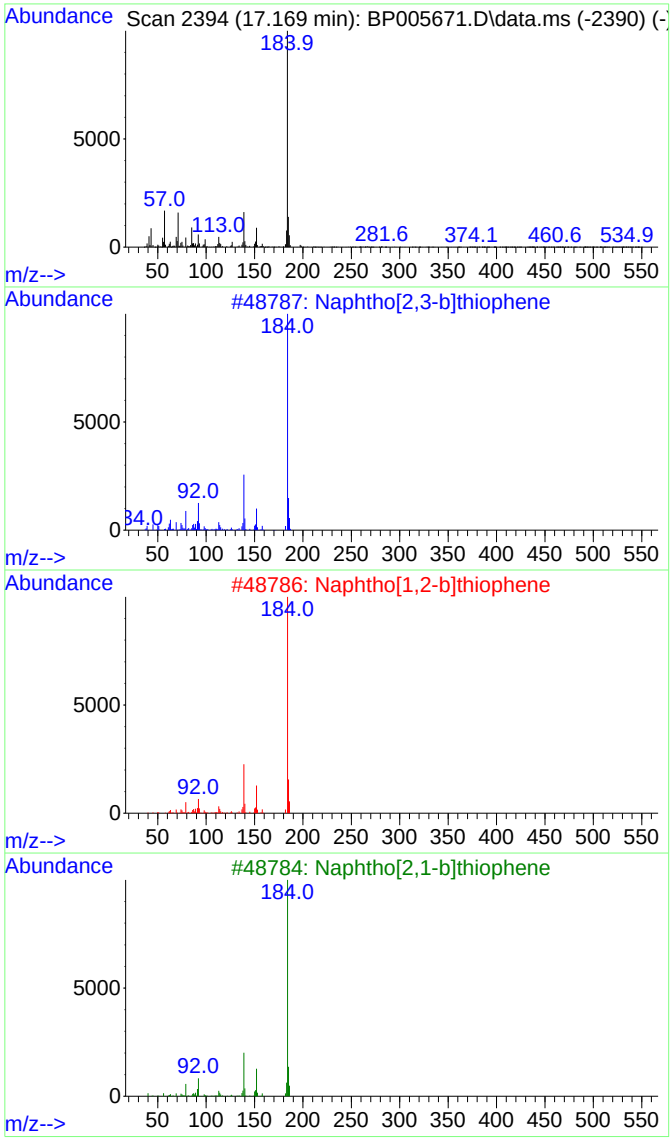
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

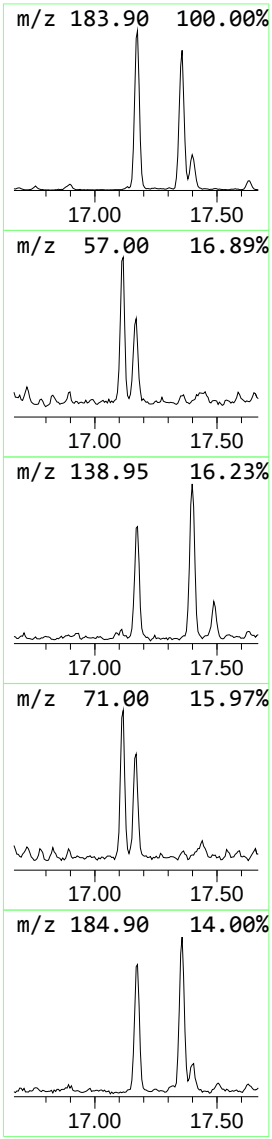
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphtho[2,3-b]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.169	4.73 ng	694388	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
4	Dibenzothiophene	184	C12H8S	000132-65-0	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	83





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Acq On : 02 Jun 2021 18:22
Operator : CG/JU
Sample : M2580-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B2(0-2)

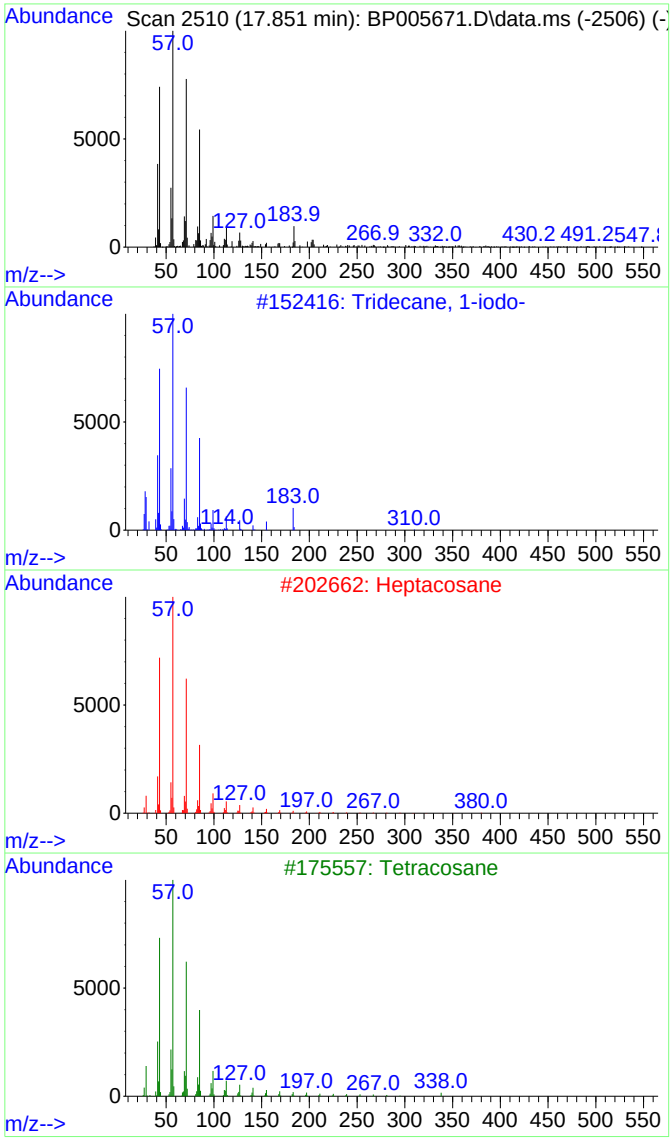
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

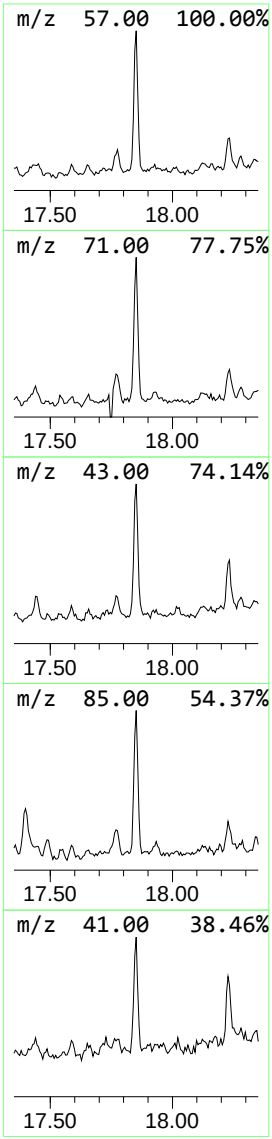
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Tridecane, 1-iodo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.851	2.17 ng	319465	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
2	Heptacosane	380	C27H56	000593-49-7	83
3	Tetracosane	338	C24H50	000646-31-1	83
4	Nonadecane	268	C19H40	000629-92-5	83
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	81





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Acq On : 02 Jun 2021 18:22
Operator : CG/JU
Sample : M2580-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B2(0-2)

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

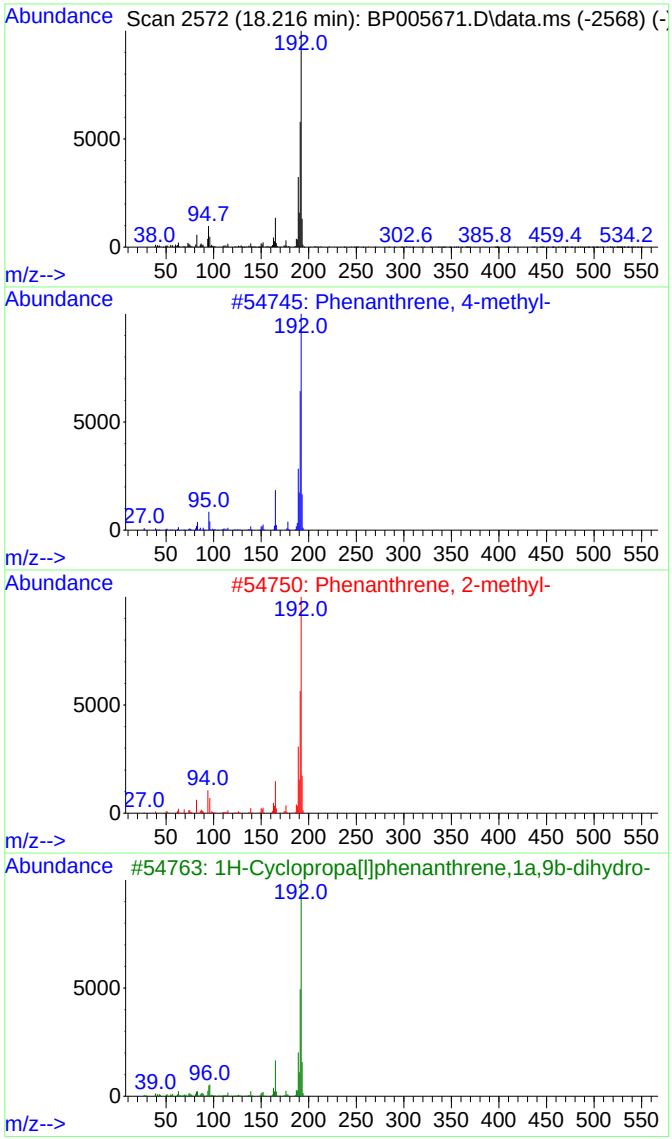
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

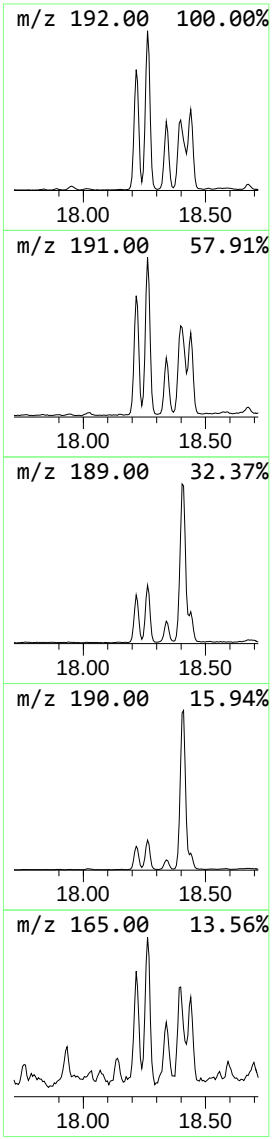
****

Peak Number 11 Phenanthrene, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	6.49 ng	954062	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Data File : BP005671.D
Acq On : 02 Jun 2021 18:22
Operator : CG/JU
Sample : M2580-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B2(0-2)

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

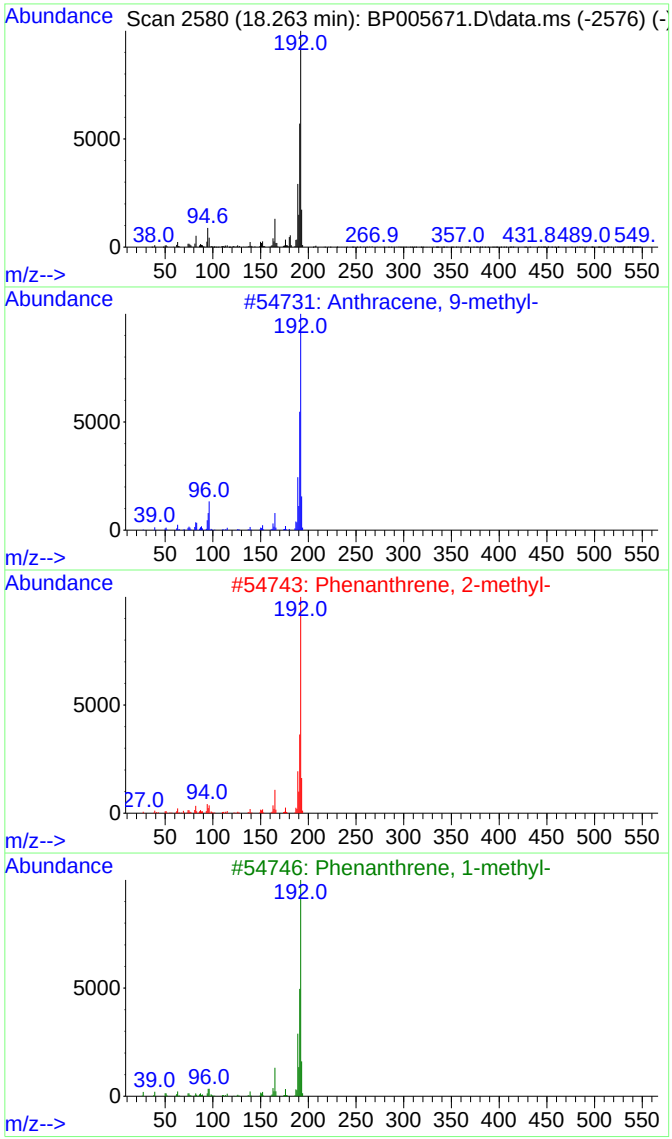
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

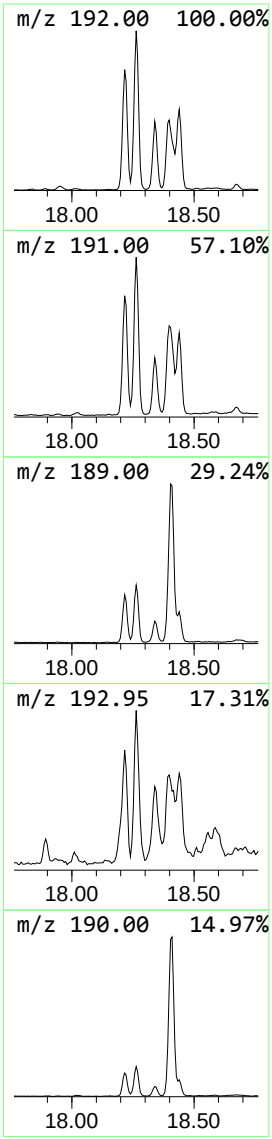
****

Peak Number 12 Anthracene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	8.39 ng	1232510	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





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Data File : BP005671.D
Acq On : 02 Jun 2021 18:22
Operator : CG/JU
Sample : M2580-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B2(0-2)

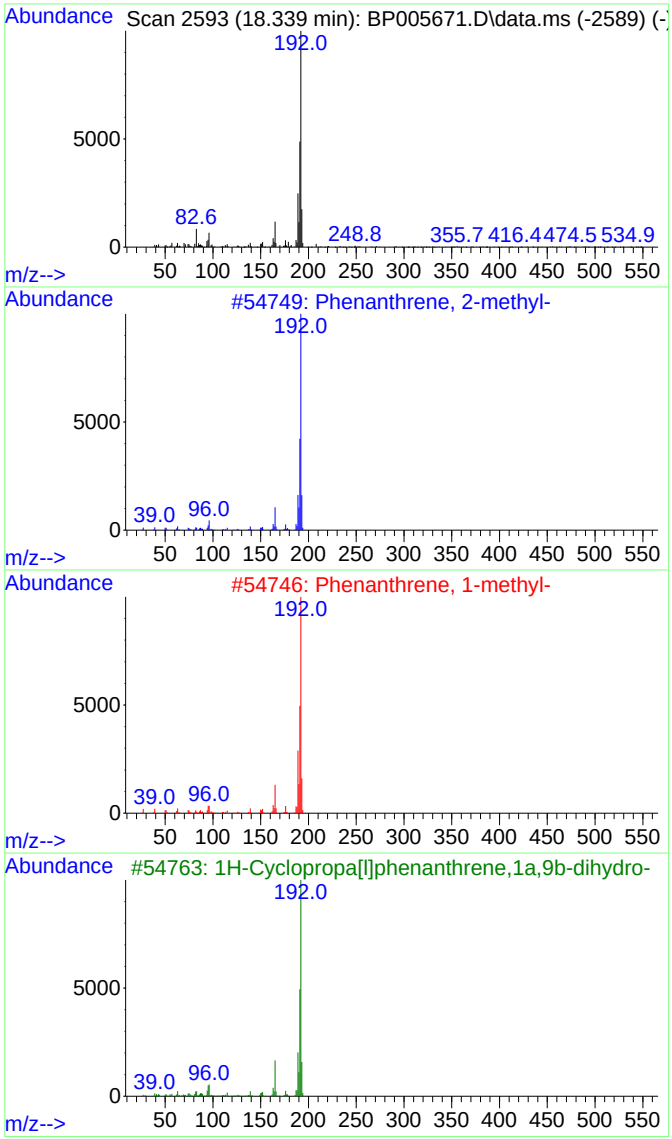
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

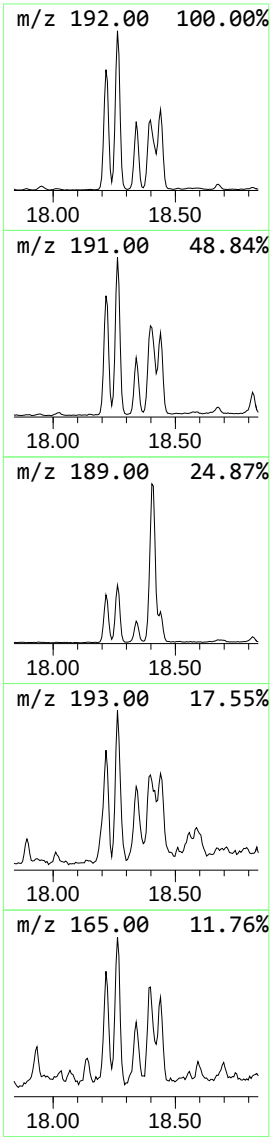
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	3.08 ng	452674	Phenanthrene-d10	17.357

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	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	94





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Data File : BP005671.D
Acq On : 02 Jun 2021 18:22
Operator : CG/JU
Sample : M2580-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B2(0-2)

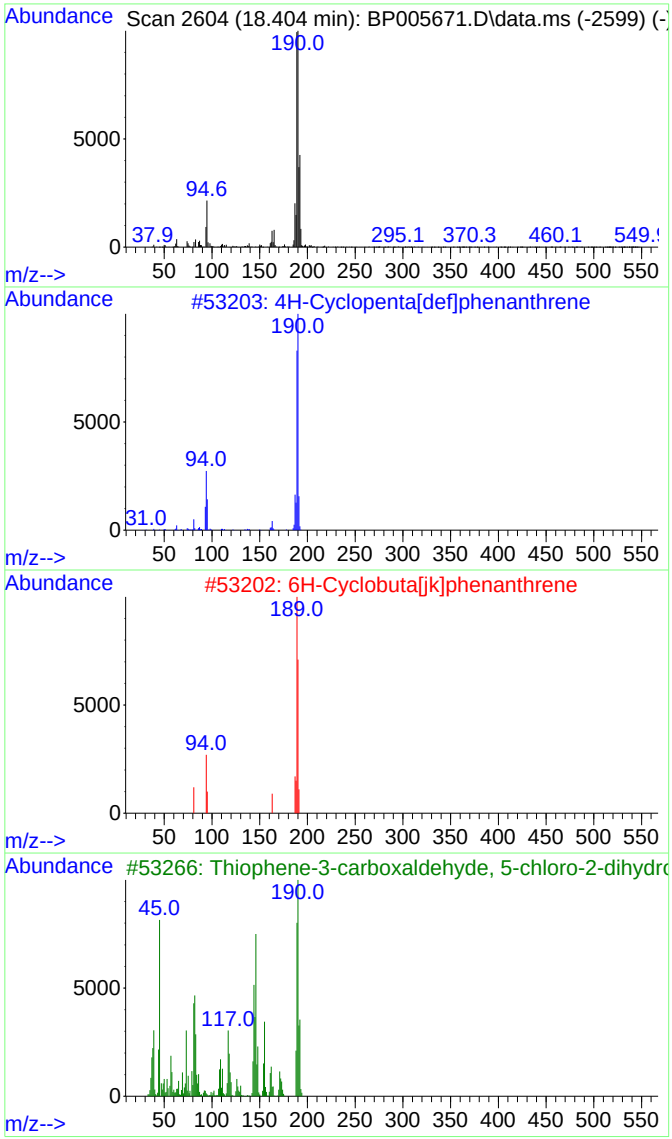
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

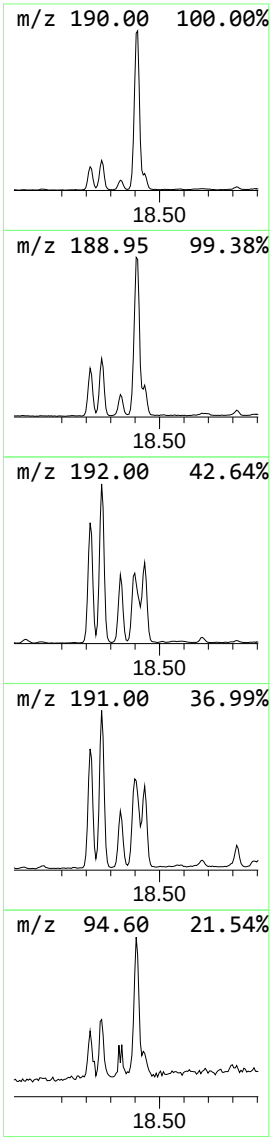
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.404	11.56 ng	1698950	Phenanthrene-d10	17.357

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	59
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47





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Operator : CG/JU
Sample : M2580-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B2(0-2)

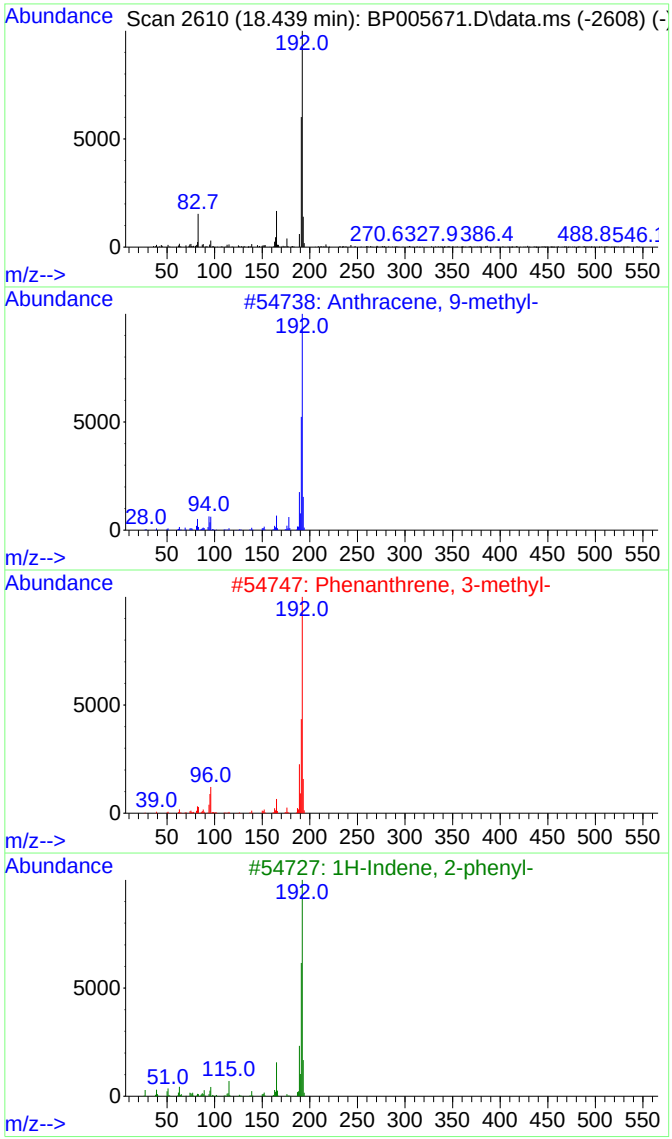
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

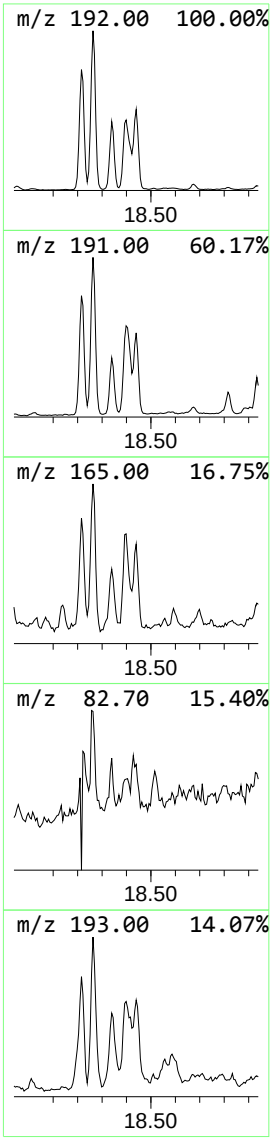
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.439	3.17 ng	465622	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	80
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	80
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80





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Acq On : 02 Jun 2021 18:22
Operator : CG/JU
Sample : M2580-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B2(0-2)

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

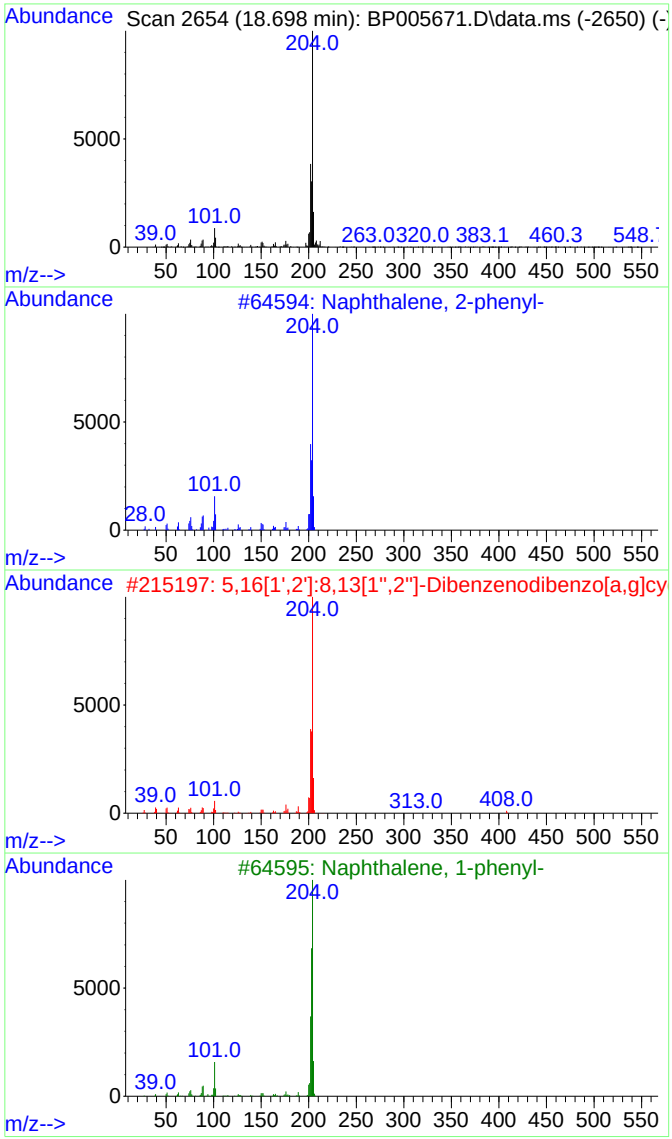
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

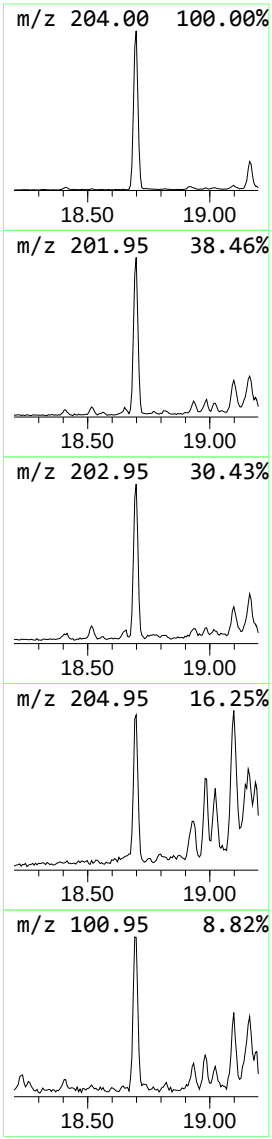
****

Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.698	3.40 ng	499601	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53





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Data File : BP005671.D
Acq On : 02 Jun 2021 18:22
Operator : CG/JU
Sample : M2580-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B2(0-2)

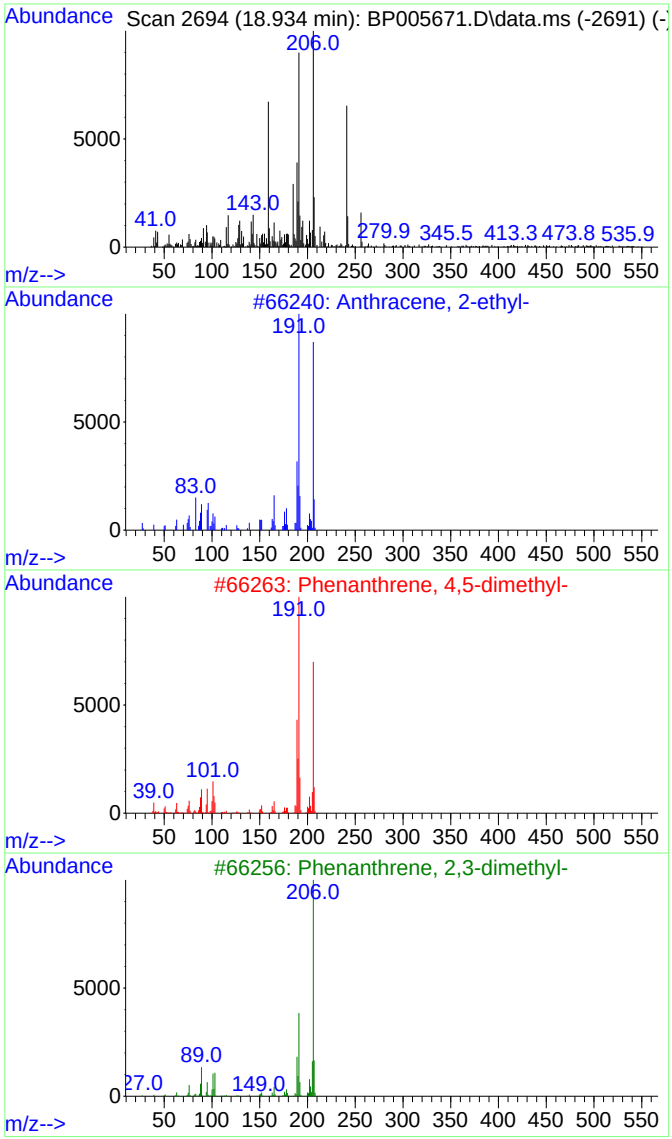
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

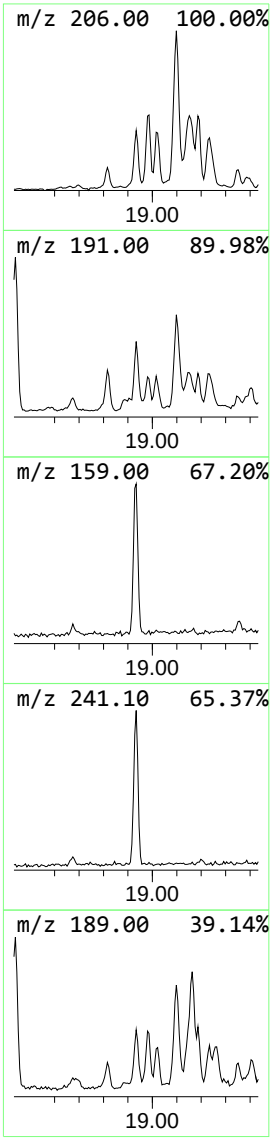
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Anthracene, 2-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.933	2.33 ng	342148	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	86
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	70
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70
4	Phenanthrene, 9,10-dimethyl-	206	C16H14	000604-83-1	55
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005671.D
Acq On : 02 Jun 2021 18:22
Operator : CG/JU
Sample : M2580-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B2(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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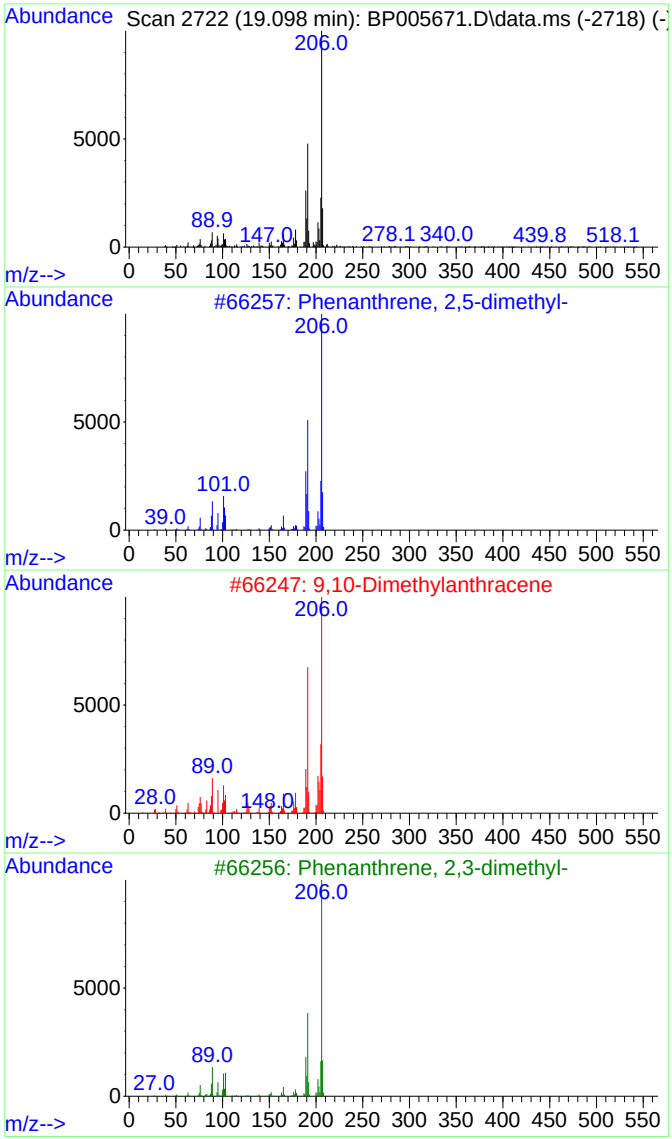
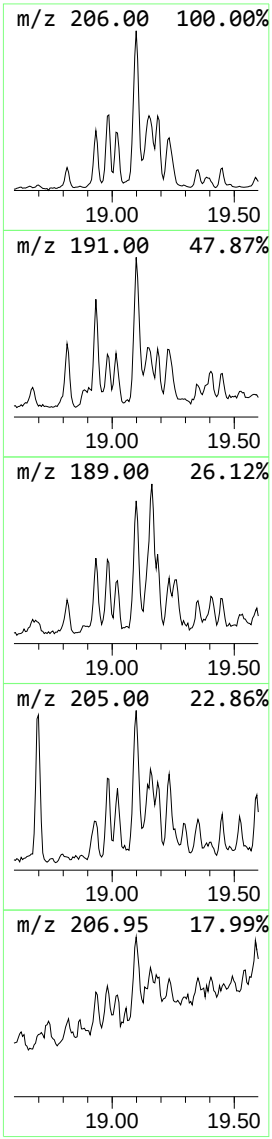
Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.098	3.70 ng	543767	Phenanthrene-d10	17.357

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, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005671.D
Acq On : 02 Jun 2021 18:22
Operator : CG/JU
Sample : M2580-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B2(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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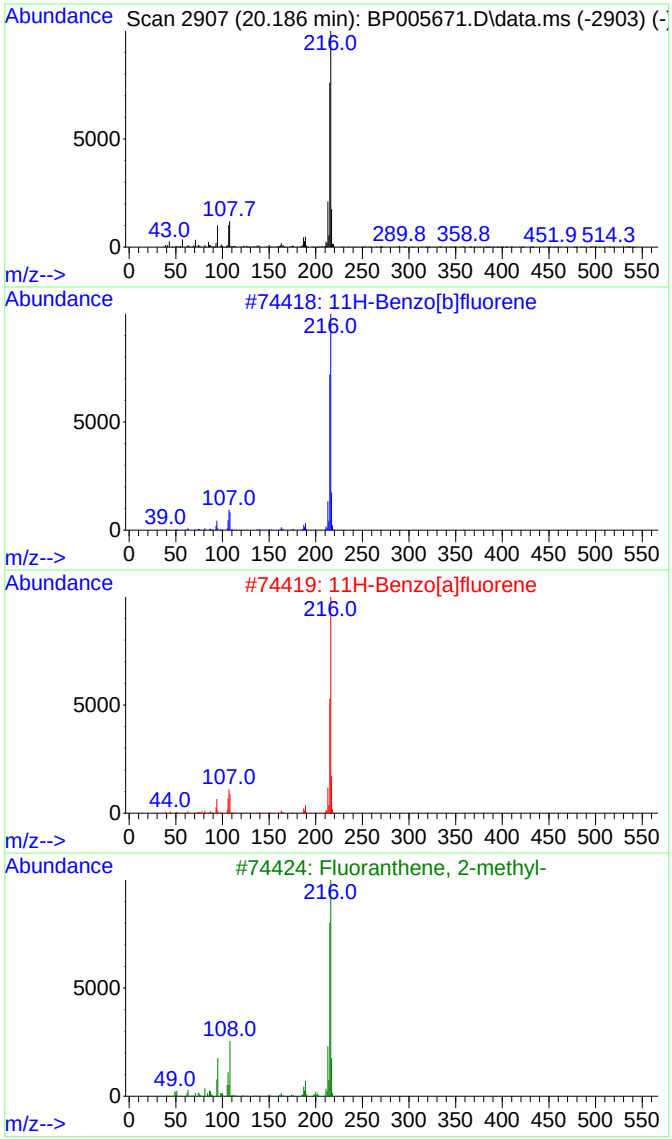
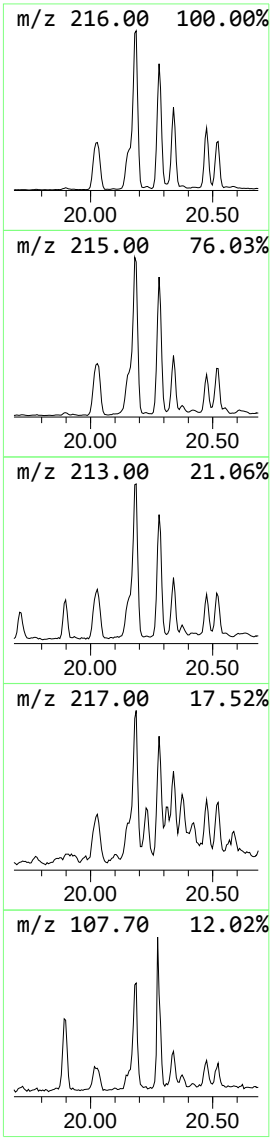
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.186	3.15 ng	1416820	Chrysene-d12	21.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
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	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005671.D
Acq On : 02 Jun 2021 18:22
Operator : CG/JU
Sample : M2580-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B2(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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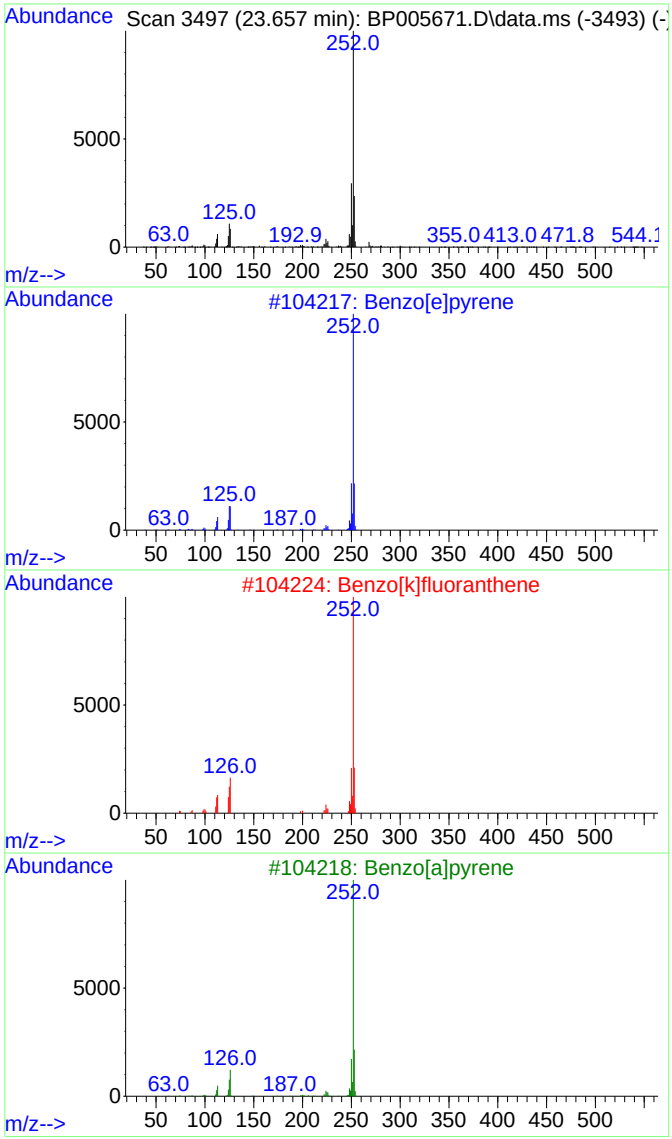
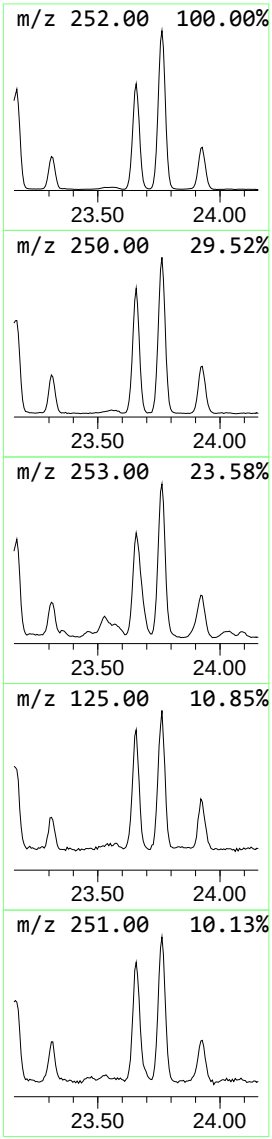
Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.657	20.11 ng	3227290	Perylene-d12	23.875

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	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005671.D
Acq On : 02 Jun 2021 18:22
Operator : CG/JU
Sample : M2580-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B2(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
Butane, 2-metho...	3.117	13.5	ng	1349430	1	7.993	1992910	20.0
Tetradecane	12.216	2.3	ng	307578	2	10.799	2705550	20.0
Nonadecane	13.446	3.3	ng	486551	3	14.610	2962850	20.0
Naphthalene, 2,...	13.934	2.5	ng	374380	3	14.610	2962850	20.0
Biphenylene	14.334	2.5	ng	373502	3	14.610	2962850	20.0
Eicosane	14.510	2.6	ng	388819	3	14.610	2962850	20.0
Tetradecane, 2,...	16.322	3.2	ng	465281	4	17.357	2938690	20.0
Dodecane, 2-met...	17.110	4.4	ng	651319	4	17.357	2938690	20.0
Naphtho[2,3-b]t...	17.169	4.7	ng	694388	4	17.357	2938690	20.0
Tridecane, 1-iodo-	17.851	2.2	ng	319465	4	17.357	2938690	20.0
Phenanthrene, 4...	18.216	6.5	ng	954062	4	17.357	2938690	20.0
Anthracene, 9-m...	18.263	8.4	ng	1232510	4	17.357	2938690	20.0
Phenanthrene, 2...	18.339	3.1	ng	452674	4	17.357	2938690	20.0
4H-Cyclopenta[d...	18.404	11.6	ng	1698950	4	17.357	2938690	20.0
Phenanthrene, 3...	18.439	3.2	ng	465622	4	17.357	2938690	20.0
Naphthalene, 2-...	18.698	3.4	ng	499601	4	17.357	2938690	20.0
Anthracene, 2-e...	18.933	2.3	ng	342148	4	17.357	2938690	20.0
Phenanthrene, 2...	19.098	3.7	ng	543767	4	17.357	2938690	20.0
11H-Benzo[b]flu...	20.186	3.1	ng	1416820	5	21.422	8991920	20.0
Benzo[e]pyrene	23.657	20.1	ng	3227290	6	23.875	3210390	20.0