LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092521\
Data File : BP007196.D
Acq On : 25 Sep 2021 20:41
Operator : CG/JU
Sample : M3913-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-092321

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-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007196.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.381	386	390	396	rVB	133534	197764	2.84%	0.243%
2	5.452	396	402	410	rBV	1220833	1855083	26.60%	2.282%
3	5.887	468	476	484	rBV4	54899	124552	1.79%	0.153%
4	7.052	664	674	680	rBV	1189437	2049517	29.39%	2.521%
5	7.269	705	711	716	rBV	61867	96315	1.38%	0.118%
6	7.528	746	755	767	rBV4	106959	231715	3.32%	0.285%
7	7.881	807	815	824	rBV	751226	1198863	17.19%	1.475%
8	7.993	830	834	841	rVB2	40804	74435	1.07%	0.092%
9	8.252	871	878	887	rBV	628011	987378	14.16%	1.215%
10	8.369	893	898	902	rBV	68505	105097	1.51%	0.129%
11	8.416	902	906	912	rVB2	56715	101100	1.45%	0.124%
12	8.522	919	924	930	rBV2	70306	107854	1.55%	0.133%
13	8.987	998	1003	1007	rBV	130287	193442	2.77%	0.238%
14	9.040	1007	1012	1021	rVV	718817	1248600	17.91%	1.536%
15	9.234	1038	1045	1053	rVB	25651	79222	1.14%	0.097%
16	9.511	1087	1092	1096	rBV	47719	80979	1.16%	0.100%
17	9.563	1096	1101	1110	rVB4	60323	135318	1.94%	0.166%
18	9.875	1148	1154	1158	rBV6	35362	73277	1.05%	0.090%
19	9.928	1158	1163	1173	rVB	139985	239888	3.44%	0.295%
20	10.081	1183	1189	1199	rBV3	158175	381990	5.48%	0.470%
21	10.181	1201	1206	1217	rVB3	54535	162995	2.34%	0.201%
22	10.463	1249	1254	1264	rBV	124636	244563	3.51%	0.301%
23	10.681	1280	1291	1295	rBV	979927	1778696	25.51%	2.188%
24	10.728	1295	1299	1307	rVB	579188	959341	13.76%	1.180%
25	10.846	1314	1319	1325	rVB	47661	71118	1.02%	0.087%
26	11.710	1460	1466	1471	rBV	75849	144499	2.07%	0.178%
27	12.340	1567	1573	1579	rVB2	130878	240648	3.45%	0.296%
28	12.557	1604	1610	1618	rVB	102027	169285	2.43%	0.208%
29	13.052	1690	1694	1700	rVB	72547	106476	1.53%	0.131%
30	13.134	1702	1708	1719	rVB	2040698	3029082	43.44%	3.726%
31	13.340	1739	1743	1751	rVB3	60246	104937	1.50%	0.129%
32	13.693	1792	1803	1805	rBV5	47034	140418	2.01%	0.173%
33	13.716	1805	1807	1812	rVV3	51544	72676	1.04%	0.089%
34	13.834	1822	1827	1832	rBV	74731	131779	1.89%	0.162%
35	13.999	1852	1855	1859	rVB	96862	122090	1.75%	0.150%
36	14.234	1888	1895	1904	rBV	231990	415517	5.96%	0.511%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092521\
Data File : BP007196.D
Acq On : 25 Sep 2021 20:41
Operator : CG/JU
Sample : M3913-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-092321

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-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.346	1909	1914	1919	rBV6	44290	75203	1.08%	0.093%
38	14.410	1921	1925	1930	rVB	77227	105067	1.51%	0.129%
39	14.510	1934	1942	1950	rBV	1525703	2297803	32.95%	2.827%
40	14.910	2007	2010	2017	rVB3	67475	106525	1.53%	0.131%
41	15.363	2084	2087	2093	rVB2	68421	97761	1.40%	0.120%
42	15.557	2115	2120	2124	rBV2	88822	152913	2.19%	0.188%
43	15.769	2151	2156	2165	rVB3	100459	170027	2.44%	0.209%
44	15.851	2167	2170	2177	rVB3	45972	82505	1.18%	0.101%
45	15.998	2189	2195	2203	rVB	1667171	2446550	35.08%	3.010%
46	16.245	2230	2237	2242	rBV3	132797	314675	4.51%	0.387%
47	16.569	2285	2292	2296	rBV3	75480	155273	2.23%	0.191%
48	16.616	2296	2300	2305	rVB4	52589	88506	1.27%	0.109%
49	16.922	2348	2352	2358	rVB5	49439	87219	1.25%	0.107%
50	17.022	2366	2369	2374	rVB2	63963	79693	1.14%	0.098%
51	17.075	2374	2378	2388	rVB2	138436	235798	3.38%	0.290%
52	17.263	2404	2410	2414	rBV	1902444	2765558	39.66%	3.402%
53	17.304	2414	2417	2424	rVV	1081478	1429816	20.50%	1.759%
54	17.392	2428	2432	2437	rVB	436245	604062	8.66%	0.743%
55	17.457	2438	2443	2448	rBV3	105202	199479	2.86%	0.245%
56	17.675	2476	2480	2488	rBV4	51800	149434	2.14%	0.184%
57	17.763	2492	2495	2501	rVV3	69612	133165	1.91%	0.164%
58	17.845	2506	2509	2517	rVB4	67888	125974	1.81%	0.155%
59	17.934	2519	2524	2528	rBV	1167091	1356144	19.45%	1.668%
60	18.134	2553	2558	2559	rBV	314363	429545	6.16%	0.528%
61	18.151	2559	2561	2563	rVV	387858	456775	6.55%	0.562%
62	18.175	2563	2565	2571	rVV	445671	549813	7.88%	0.676%
63	18.251	2574	2578	2583	rVV	238519	353642	5.07%	0.435%
64	18.322	2584	2590	2593	rVV2	547745	1013808	14.54%	1.247%
65	18.351	2593	2595	2600	rVB	239840	294867	4.23%	0.363%
66	18.434	2606	2609	2612	rBV2	101249	111846	1.60%	0.138%
67	18.610	2636	2639	2643	rVB	198888	248172	3.56%	0.305%
68	19.034	2704	2711	2714	rBV2	3172820	4554190	65.31%	5.602%
69	19.069	2714	2717	2727	rVB	5112408	6973319	100.00%	8.578%
70	19.151	2728	2731	2734	rBV	112989	190704	2.73%	0.235%
71	19.192	2734	2738	2743	rVB	1042894	1291101	18.51%	1.588%
72	19.275	2744	2752	2758	rBV	3494148	5355892	76.81%	6.588%
73	19.416	2773	2776	2780	rVB	287361	363925	5.22%	0.448%
74	19.622	2807	2811	2820	rVB	2761785	3926814	56.31%	4.830%
75	19.698	2820	2824	2830	rBV3	195698	352088	5.05%	0.433%
76	19.816	2840	2844	2849	rVB	3464315	4275684	61.31%	5.260%

LSC Area Percent Report

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Acq On : 25 Sep 2021 20:41
Operator : CG/JU
Sample : M3913-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-092321

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-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.939	2861	2865	2871	rBV3	257906	599905	8.60%	0.738%
78	20.104	2890	2893	2898	rVB2	733914	1009592	14.48%	1.242%
79	20.204	2906	2910	2914	rBV	598987	687020	9.85%	0.845%
80	20.257	2916	2919	2923	rVB2	447335	603662	8.66%	0.743%
81	20.398	2940	2943	2946	rBV	267654	344600	4.94%	0.424%
82	21.345	3098	3104	3108	rBV2	2988198	5908128	84.72%	7.268%
83	21.386	3108	3111	3120	rVB	1594878	2159233	30.96%	2.656%
84	23.022	3384	3389	3394	rBV	1281319	2837741	40.69%	3.491%
85	23.651	3491	3496	3504	rVB	1508711	2914717	41.80%	3.585%
86	23.757	3509	3514	3520	rVB2	1465791	2770938	39.74%	3.409%

Sum of corrected areas: 81293380

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092521\
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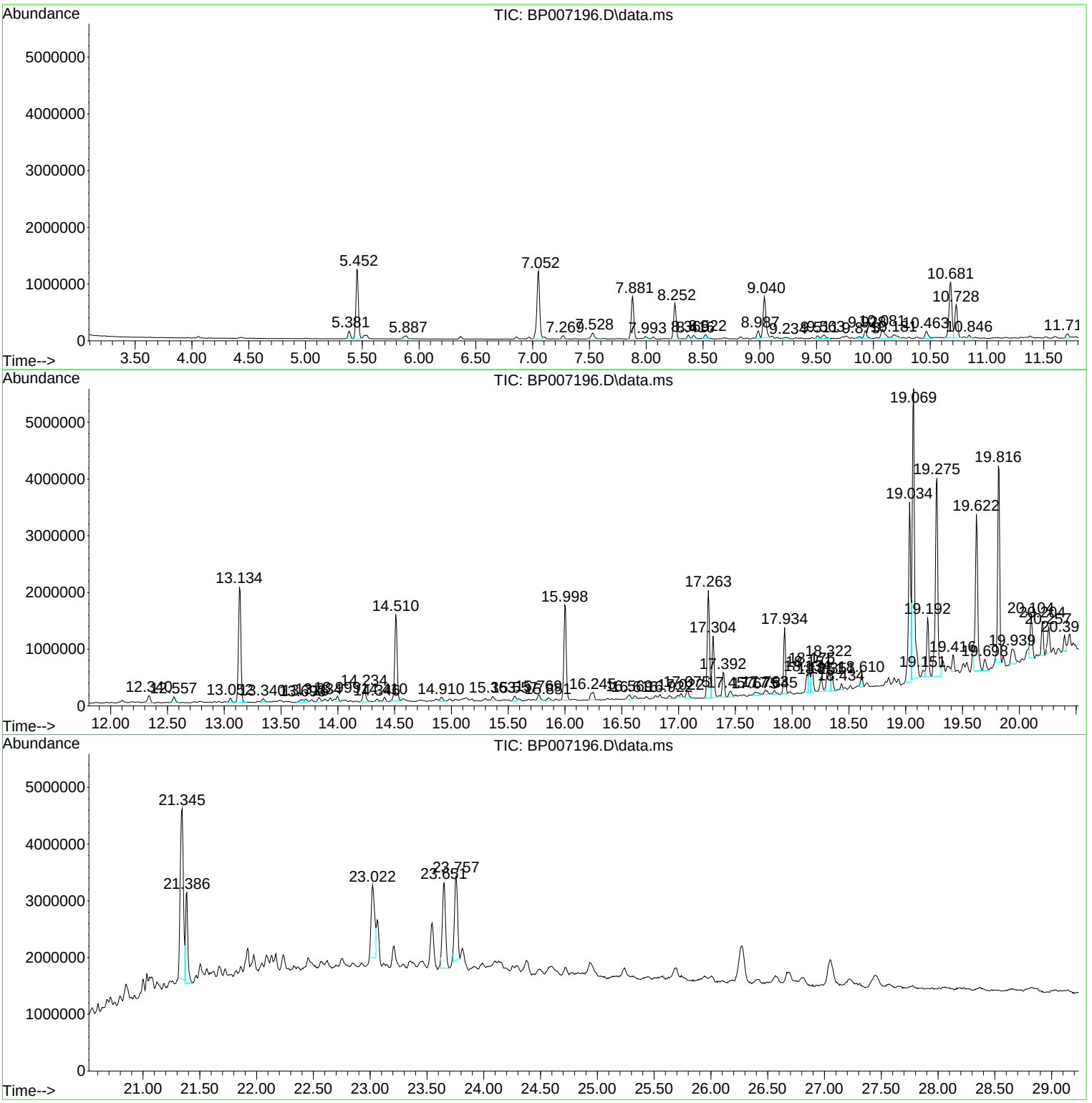
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-092321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092521\
Data File : BP007196.D
Acq On : 25 Sep 2021 20:41
Operator : CG/JU
Sample : M3913-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-092321

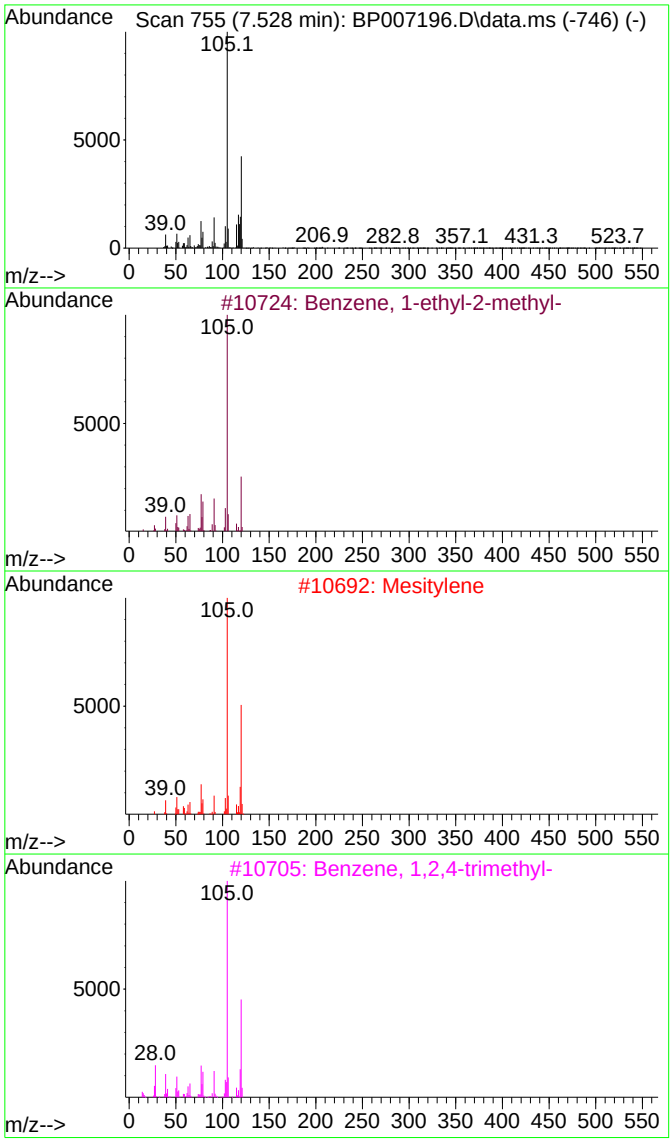
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

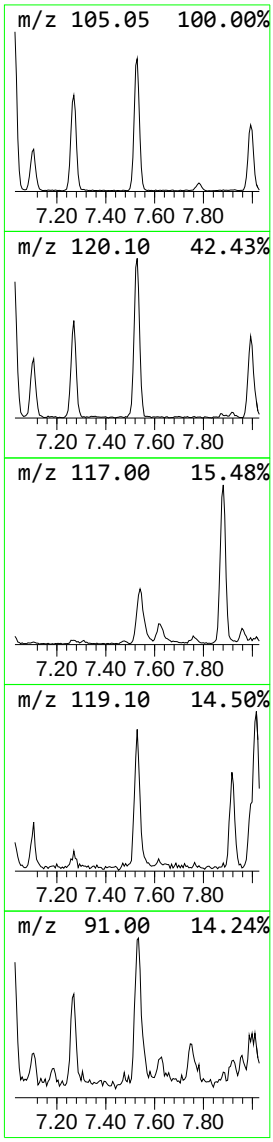
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.528	3.87 ng	231715	1,4-Dichlorobenzene-d4	7.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	92
2	Mesitylene	120	C9H12	000108-67-8	81
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092521\
Data File : BP007196.D
Acq On : 25 Sep 2021 20:41
Operator : CG/JU
Sample : M3913-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-092321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

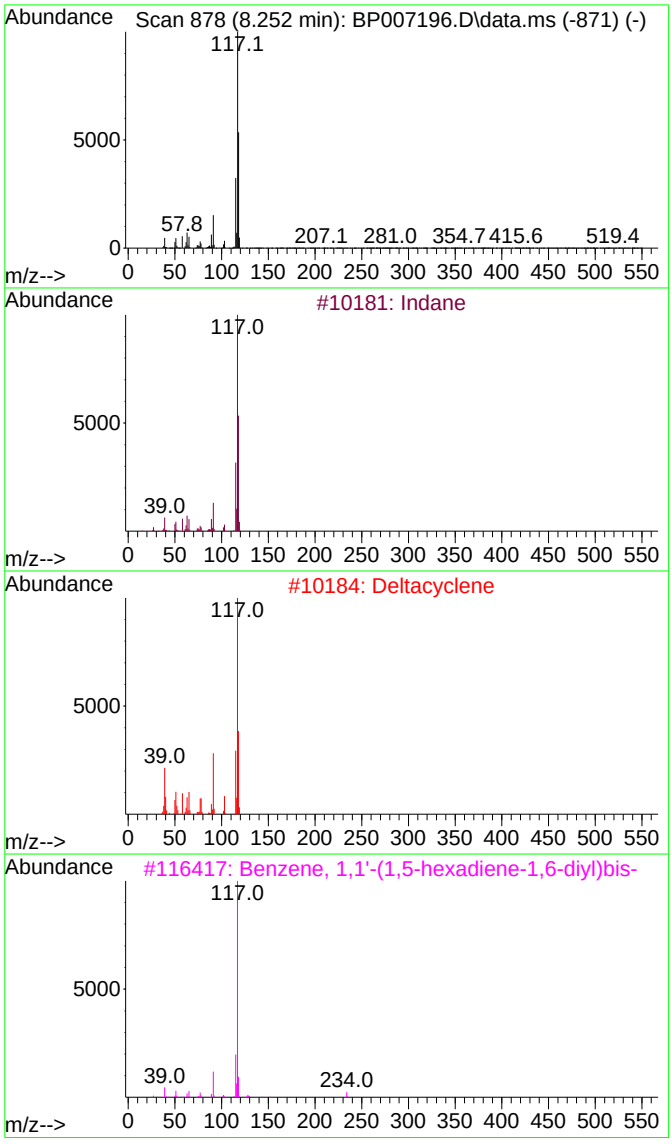
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

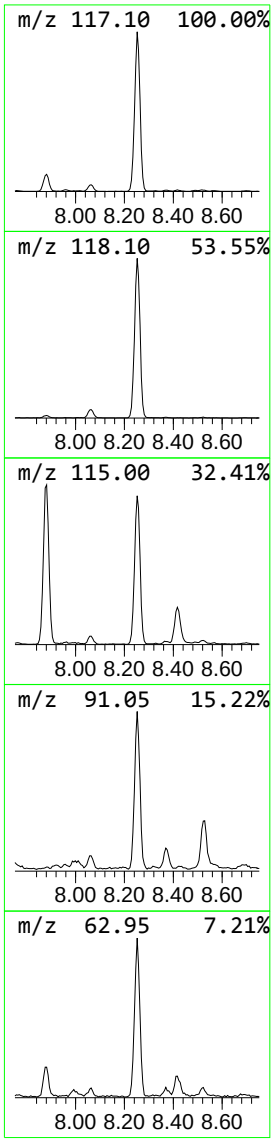
****

Peak Number 3 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.252	16.47 ng	987378	1,4-Dichlorobenzene-d4	7.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Deltacyclene	118	C9H10	007785-10-6	72
3	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
4	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092521\
Data File : BP007196.D
Acq On : 25 Sep 2021 20:41
Operator : CG/JU
Sample : M3913-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-092321

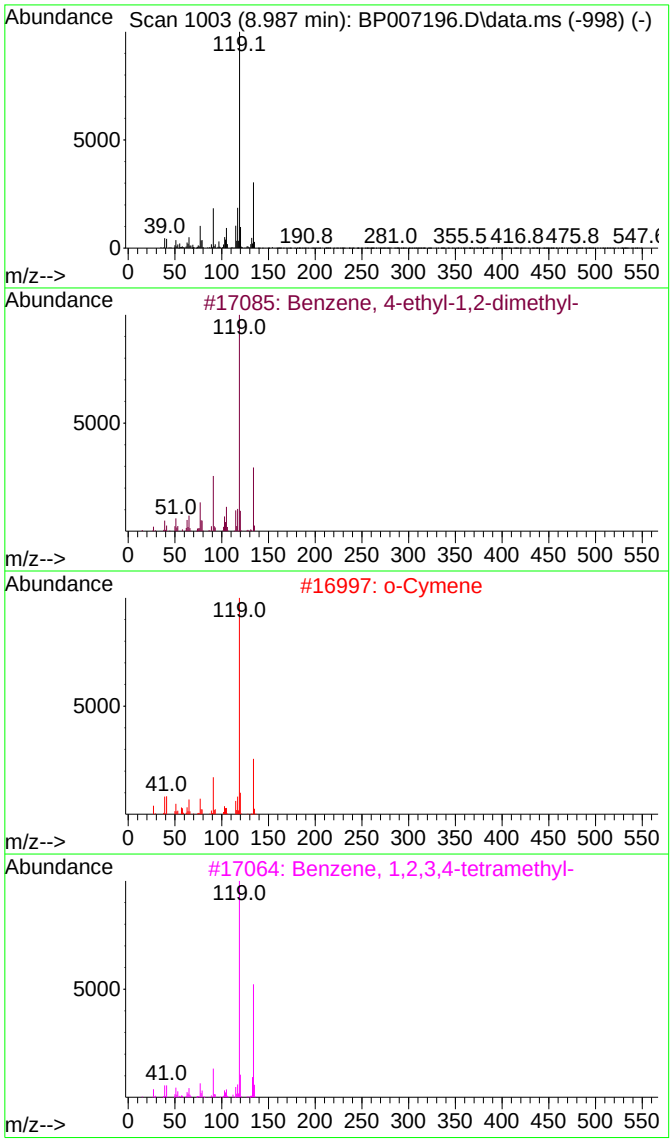
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

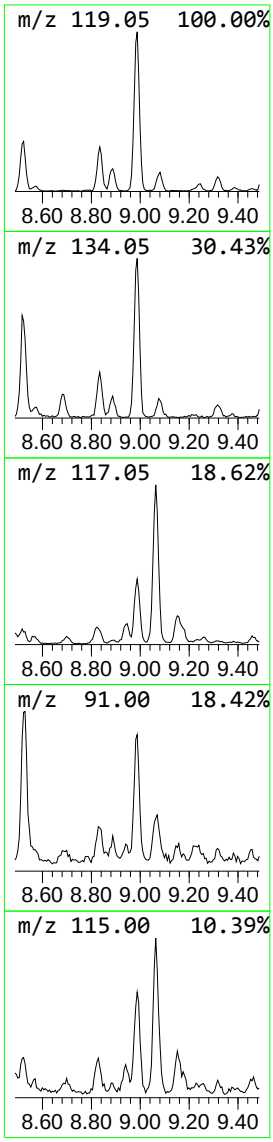
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.987	3.23 ng	193442	1,4-Dichlorobenzene-d4	7.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2	o-Cymene	134	C10H14	000527-84-4	93
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	90





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Data File : BP007196.D
Acq On : 25 Sep 2021 20:41
Operator : CG/JU
Sample : M3913-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-092321

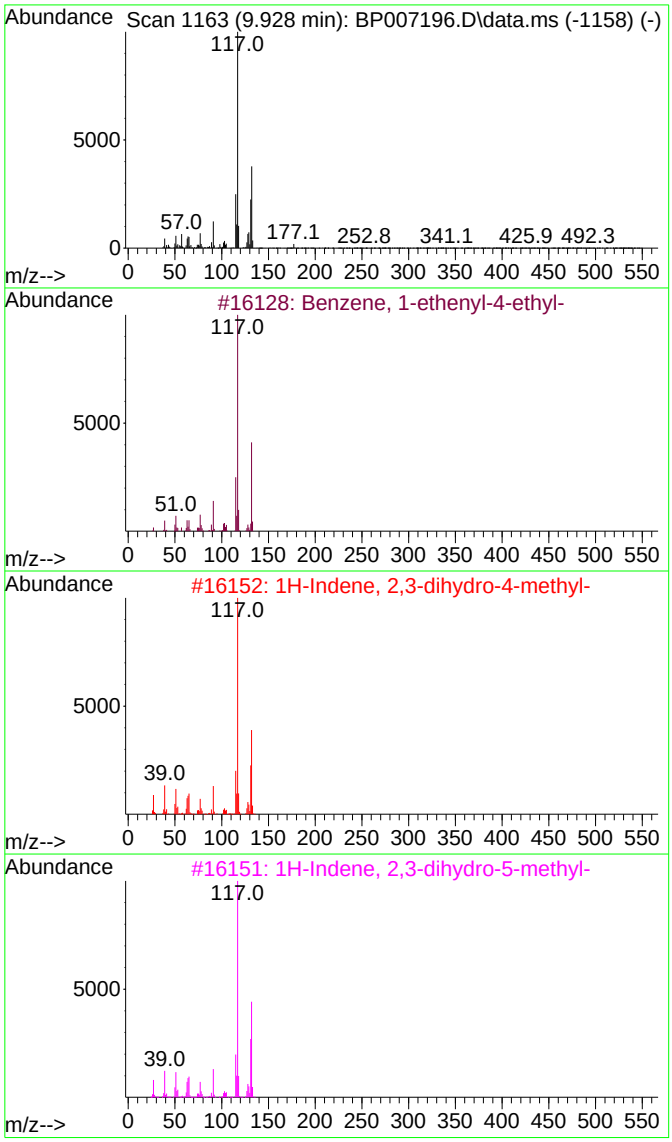
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

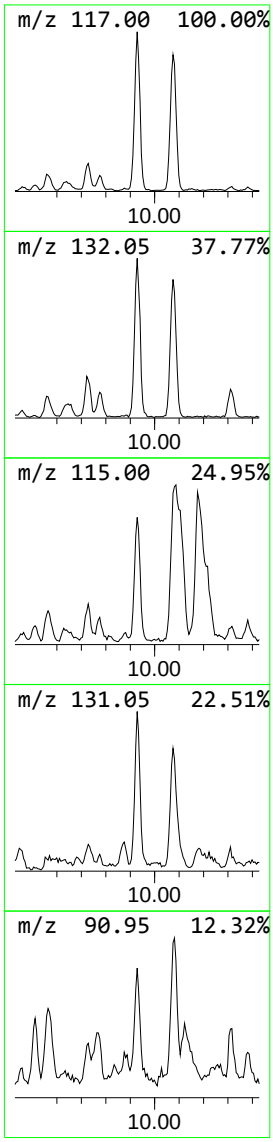
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.928	2.70 ng	239888	Naphthalene-d8	10.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092521\
Data File : BP007196.D
Acq On : 25 Sep 2021 20:41
Operator : CG/JU
Sample : M3913-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-092321

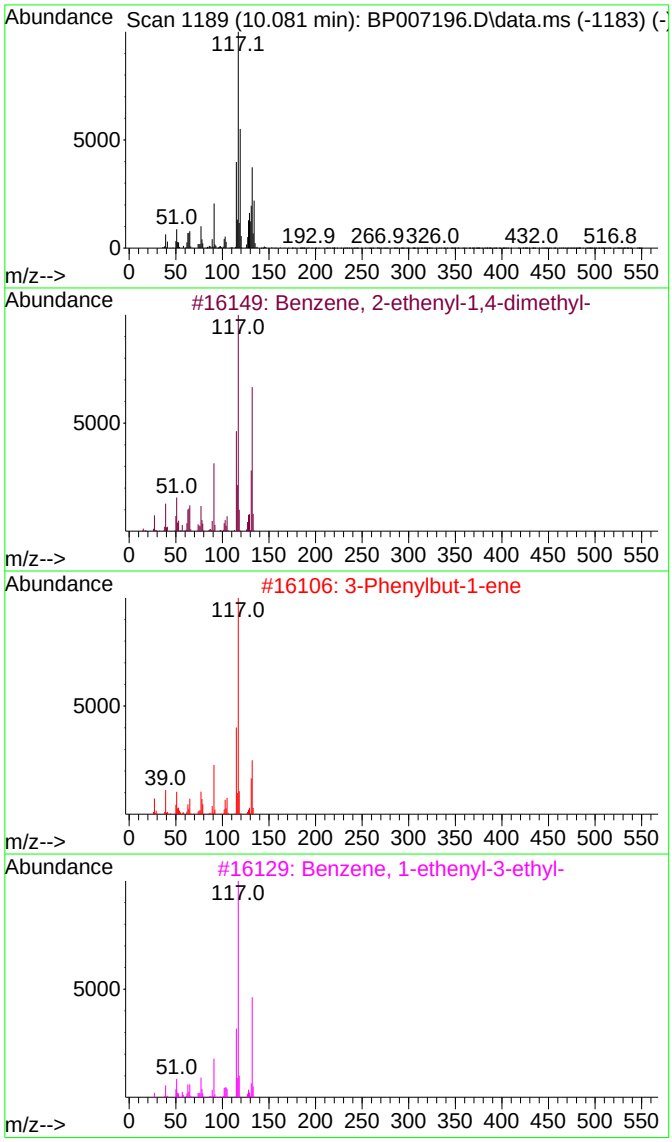
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

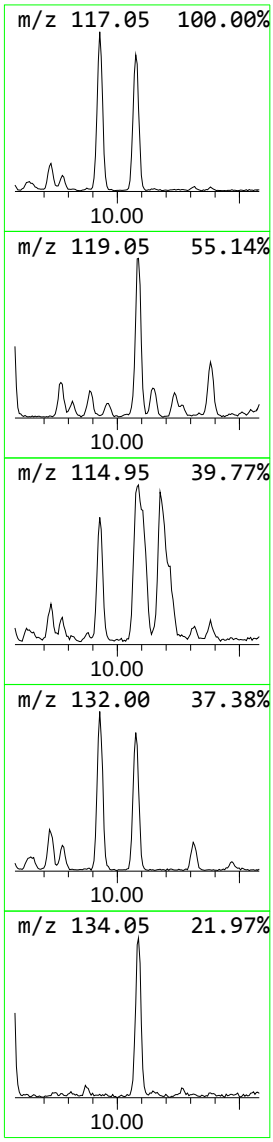
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.081	4.30 ng	381990	Naphthalene-d8	10.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	60
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	58
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092521\
Data File : BP007196.D
Acq On : 25 Sep 2021 20:41
Operator : CG/JU
Sample : M3913-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-092321

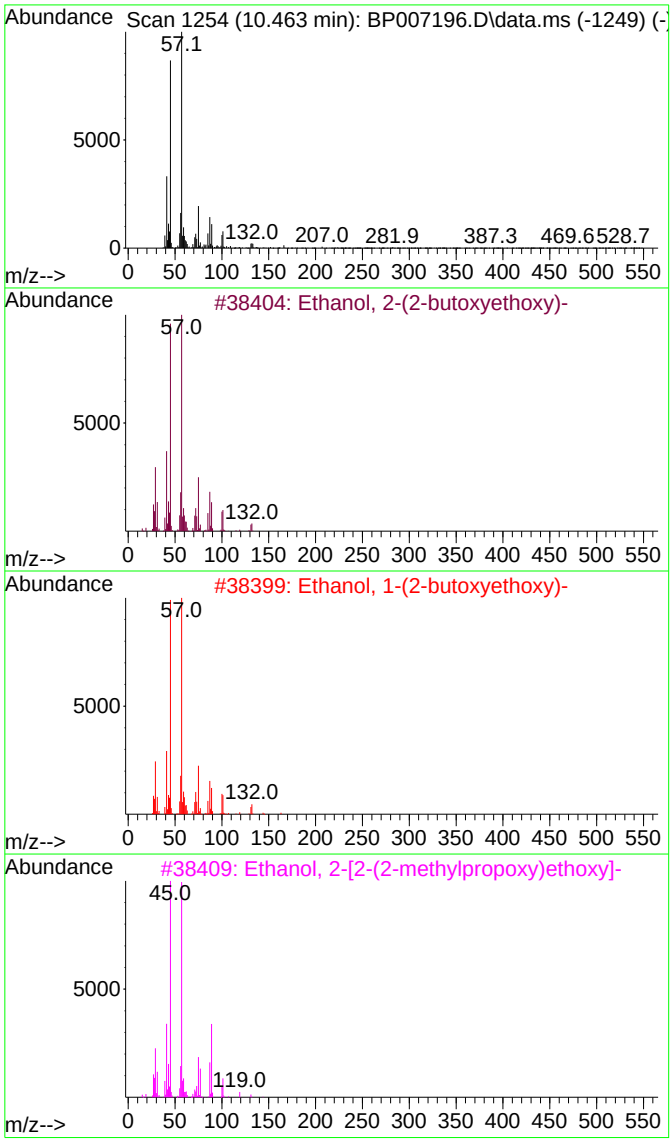
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

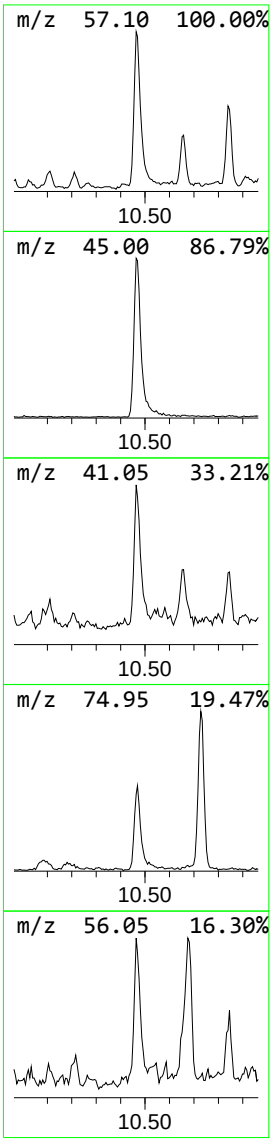
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.463	2.75 ng	244563	Naphthalene-d8	10.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	78
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	74
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50





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Acq On : 25 Sep 2021 20:41
Operator : CG/JU
Sample : M3913-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-092321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

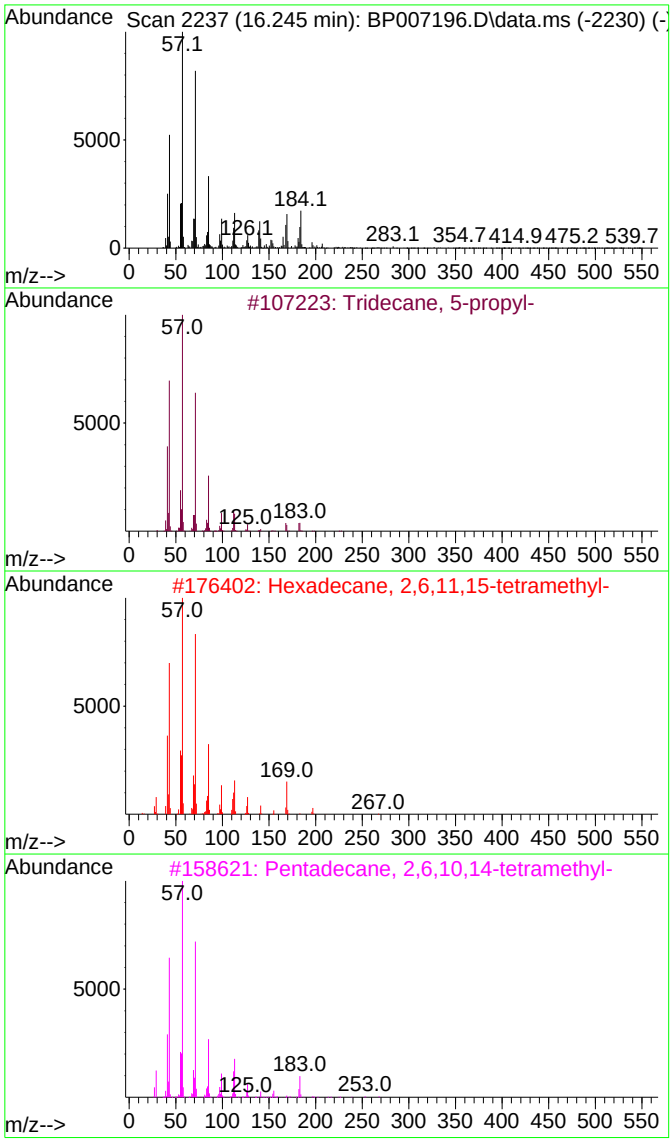
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

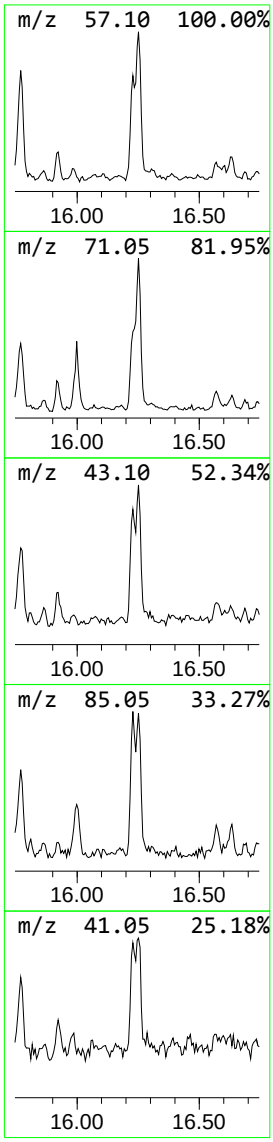
****

Peak Number 8 Tridecane, 5-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.246	2.28 ng	314675	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	81
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	76
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	74
4	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	68
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	68





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Operator : CG/JU
Sample : M3913-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-092321

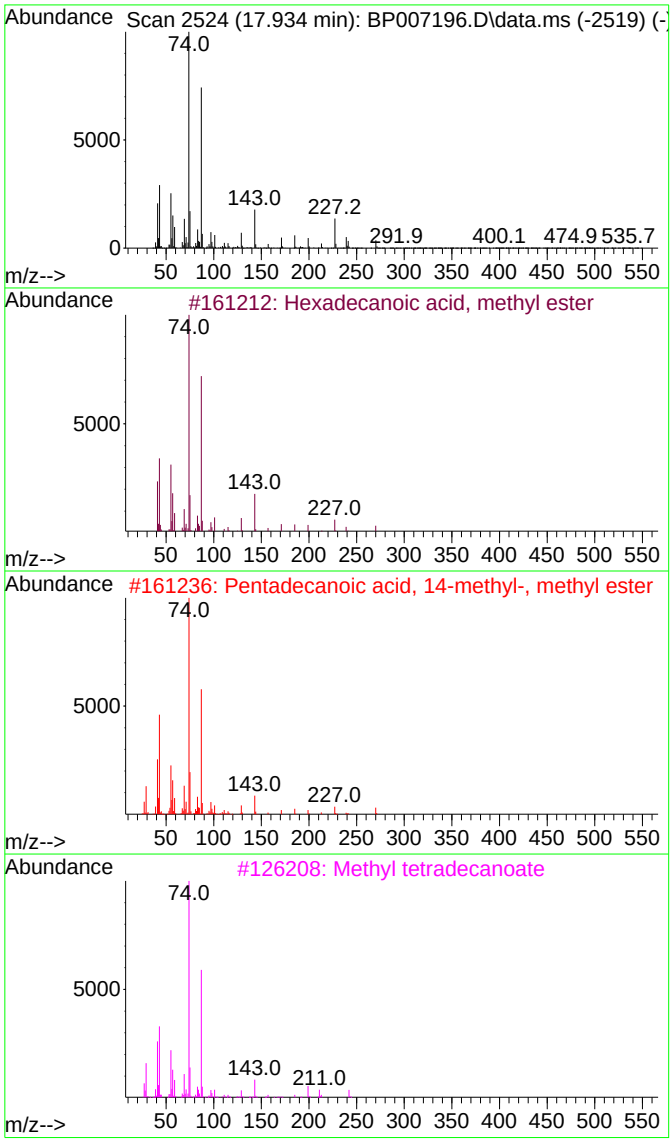
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

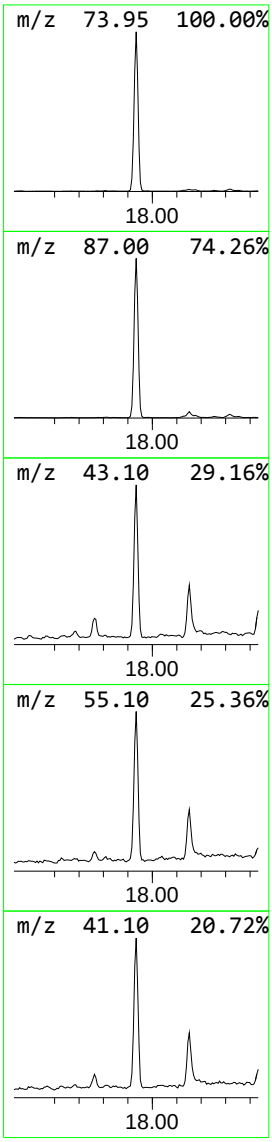
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.934	9.81 ng	1356140	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	86





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Sample : M3913-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-092321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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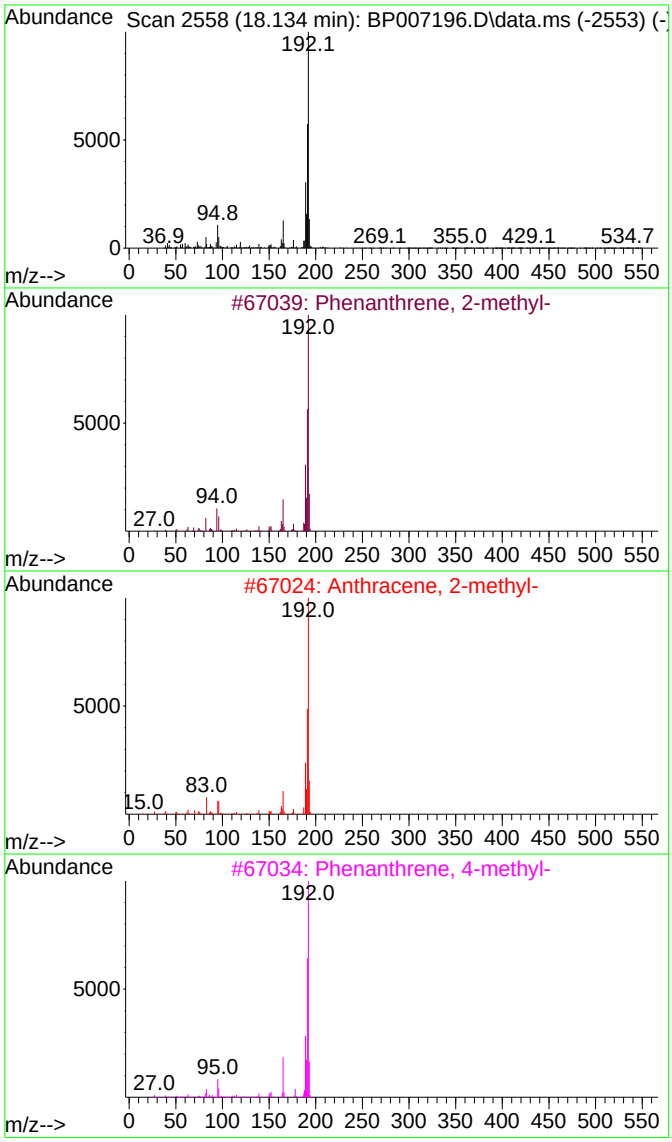
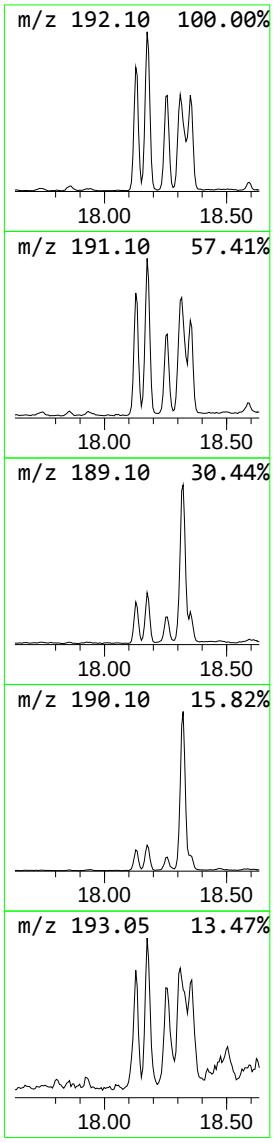
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.134	3.11 ng	429545	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Operator : CG/JU
Sample : M3913-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-092321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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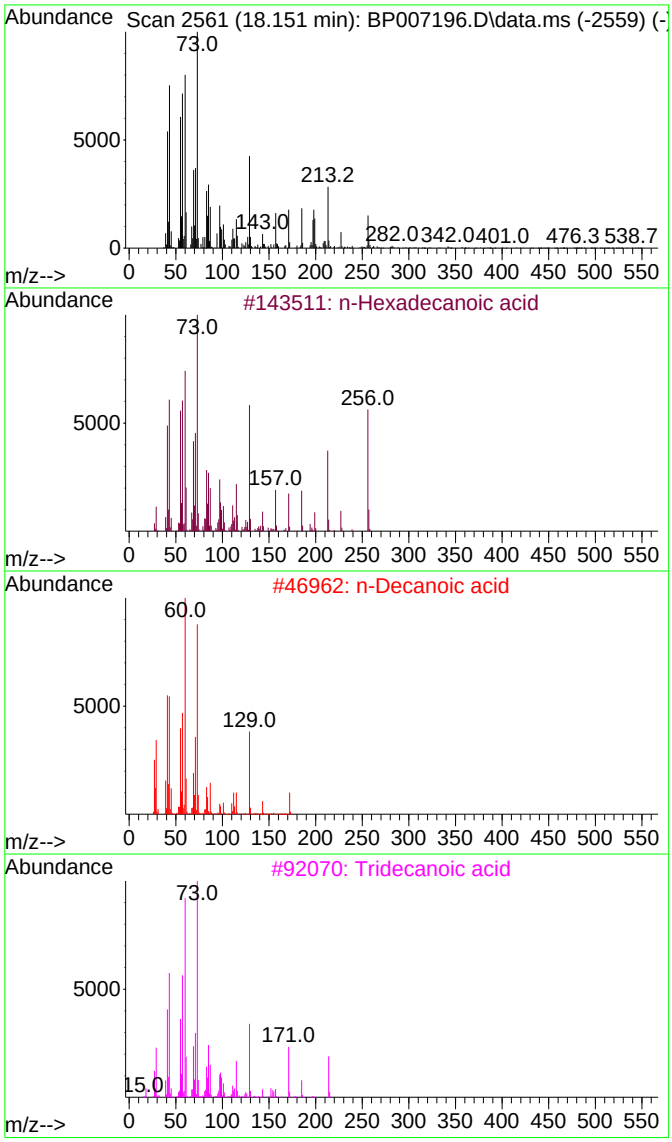
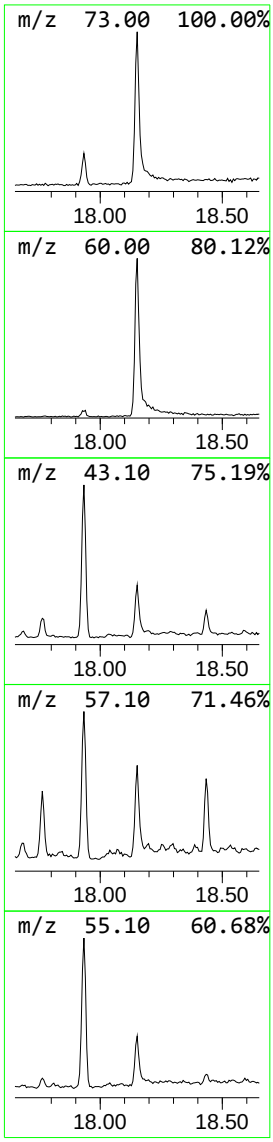
Peak Number 11 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	3.30 ng	456775	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Decanoic acid	172	C10H20O2	000334-48-5	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68





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Operator : CG/JU
Sample : M3913-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-092321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

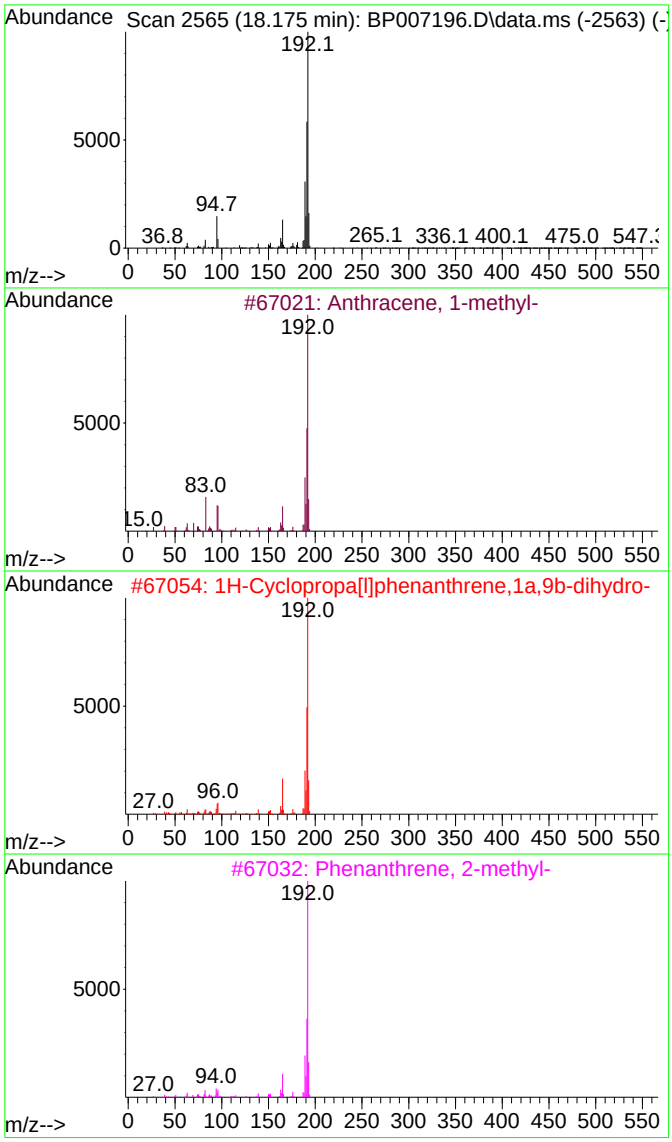
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

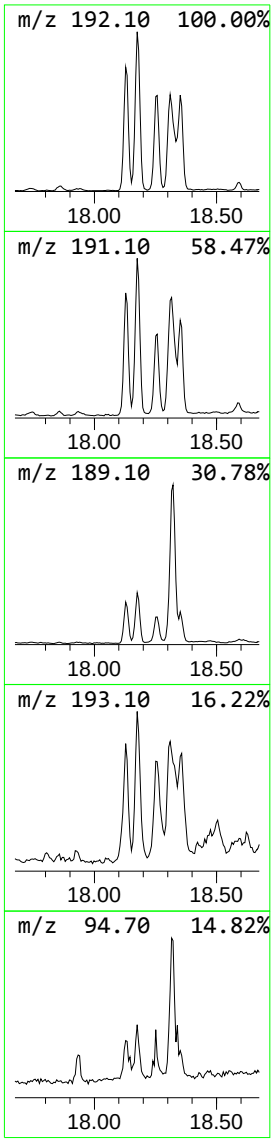
****

Peak Number 12 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.175	3.98 ng	549813	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Operator : CG/JU
Sample : M3913-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-092321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

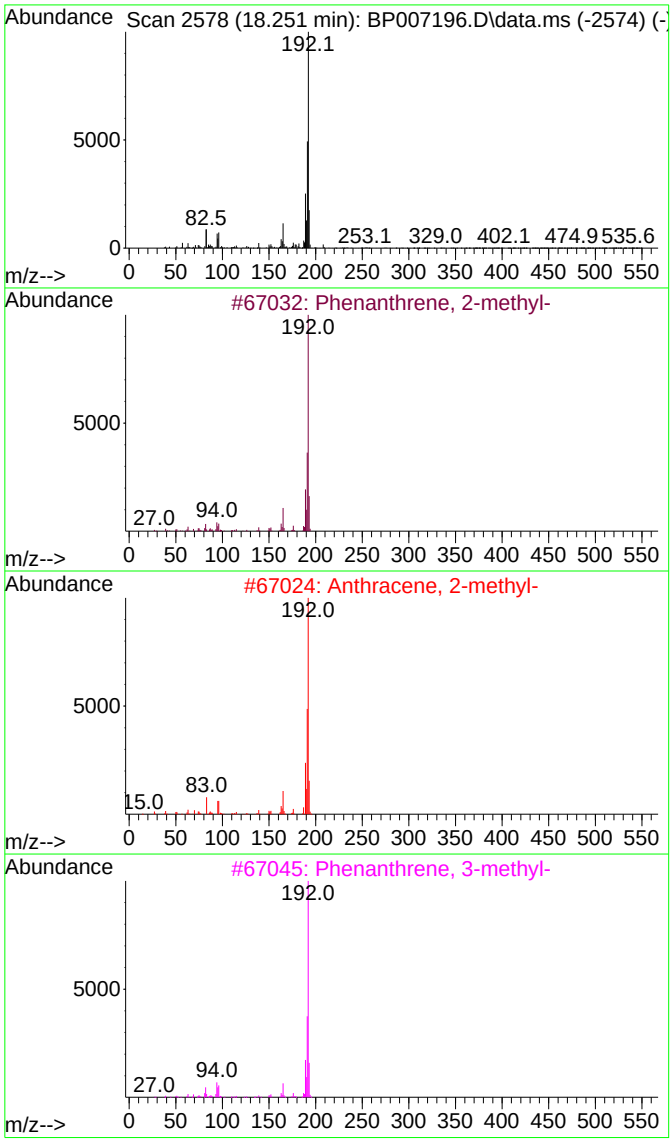
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

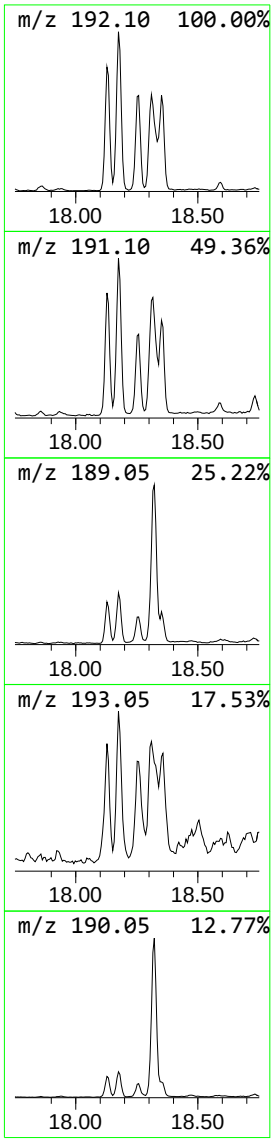
****

Peak Number 13 Anthracene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.251	2.56 ng	353642	Phenanthrene-d10	17.263

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	96
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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Operator : CG/JU
Sample : M3913-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-092321

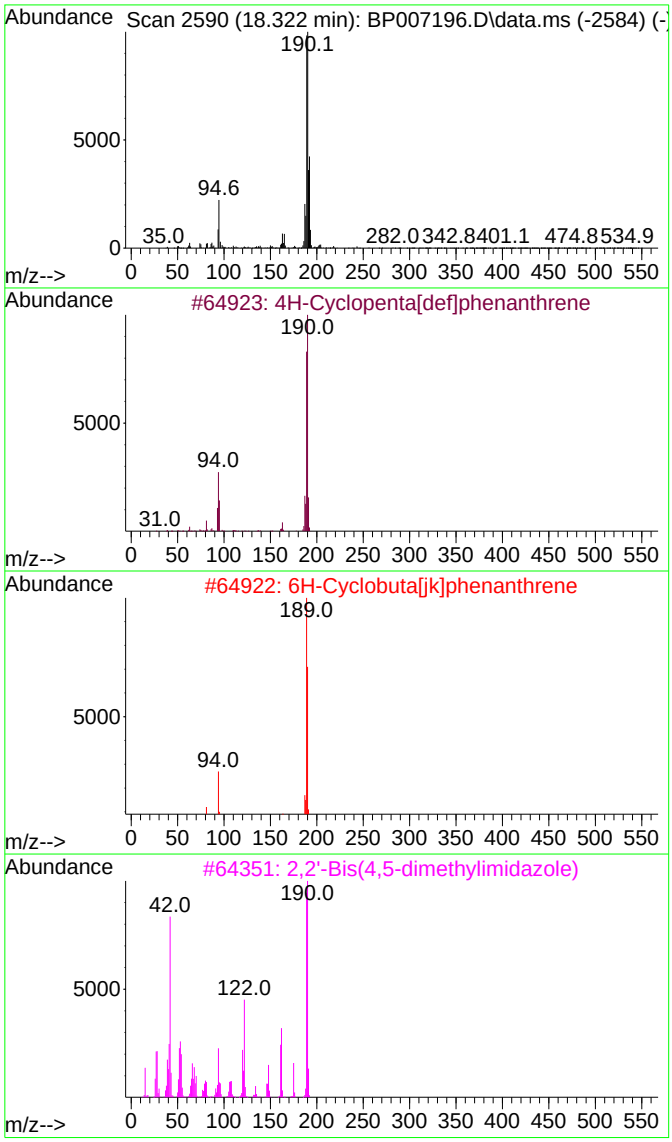
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

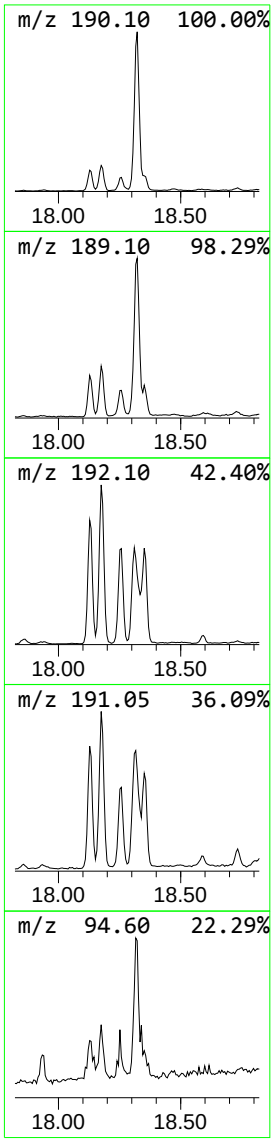
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.322	7.33 ng	1013810	Phenanthrene-d10	17.263

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	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	37
5	1-Aminocyclopentanecarboxylic ac...	361	C18H32ClNO4	1000329-17-0	25





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Operator : CG/JU
Sample : M3913-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-092321

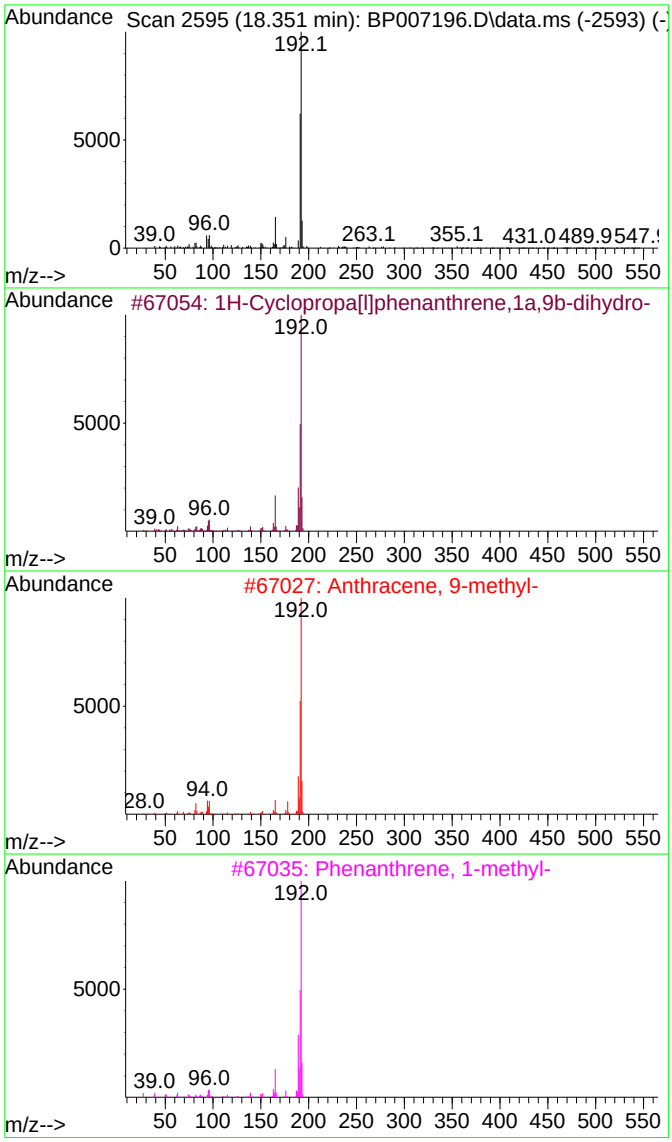
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

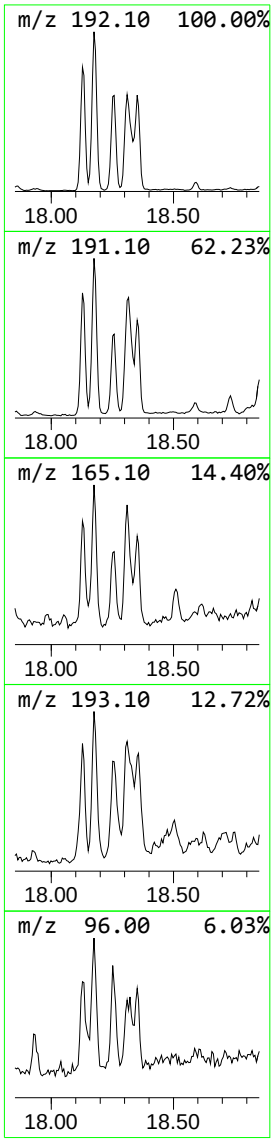
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Cyclopropa[l]phenanthren... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.351	2.13 ng	294867	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83





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Sample : M3913-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-092321

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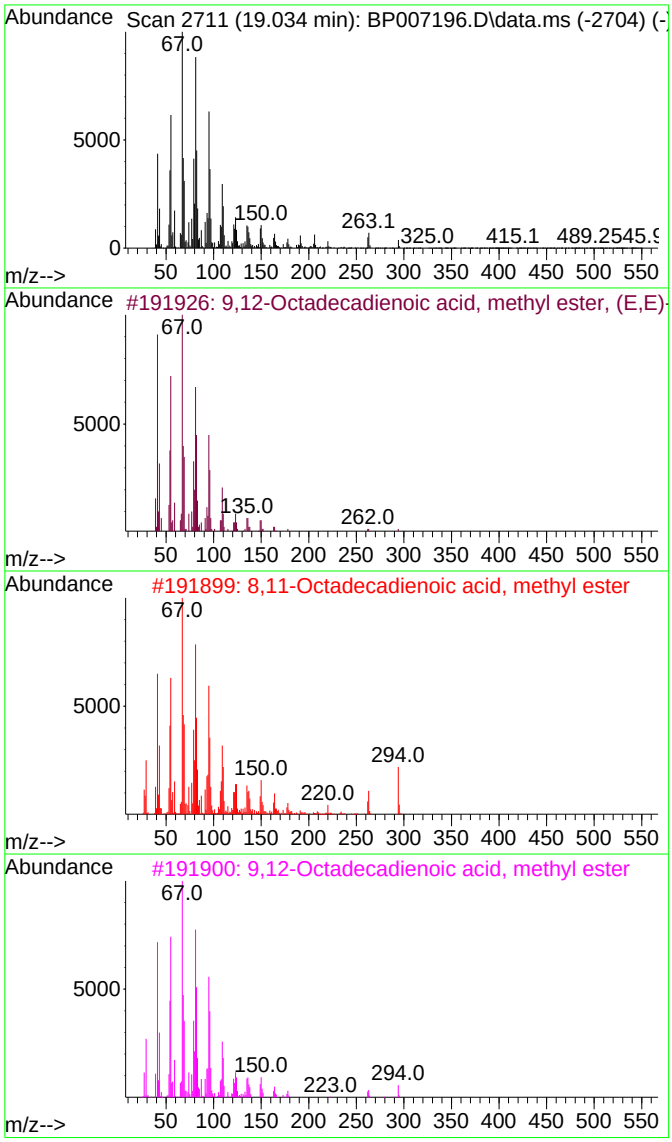
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

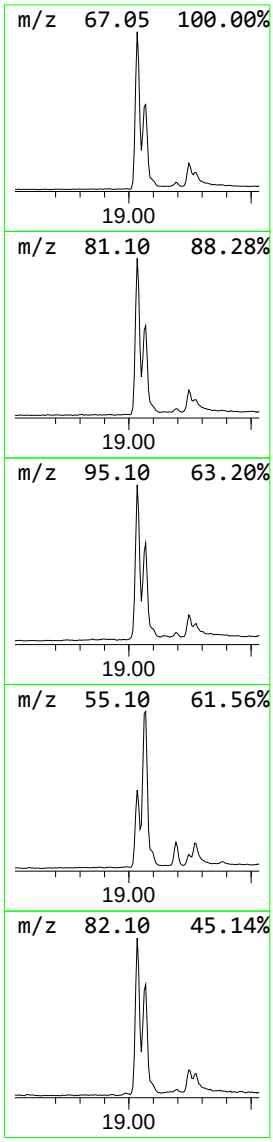
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.034	32.94 ng	4554190	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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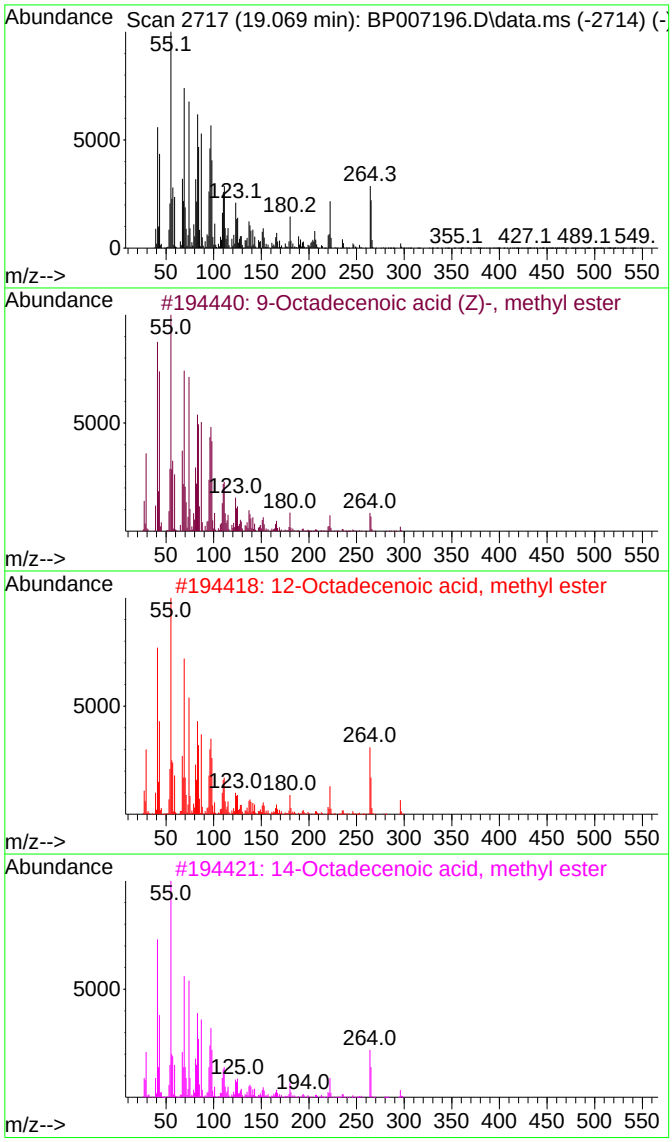
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

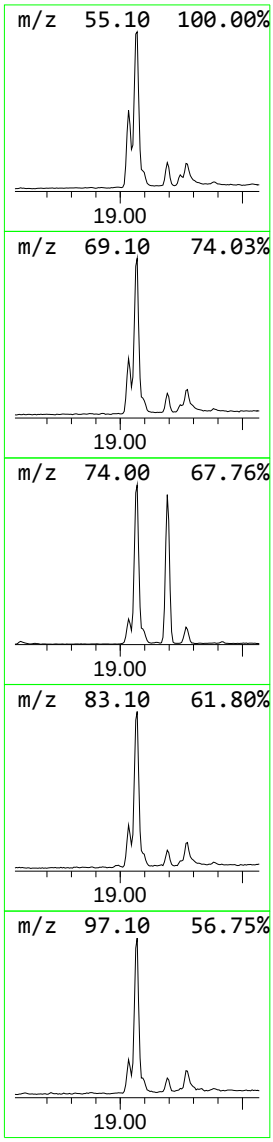
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.069	50.43 ng	6973320	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99





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Operator : CG/JU
Sample : M3913-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-092321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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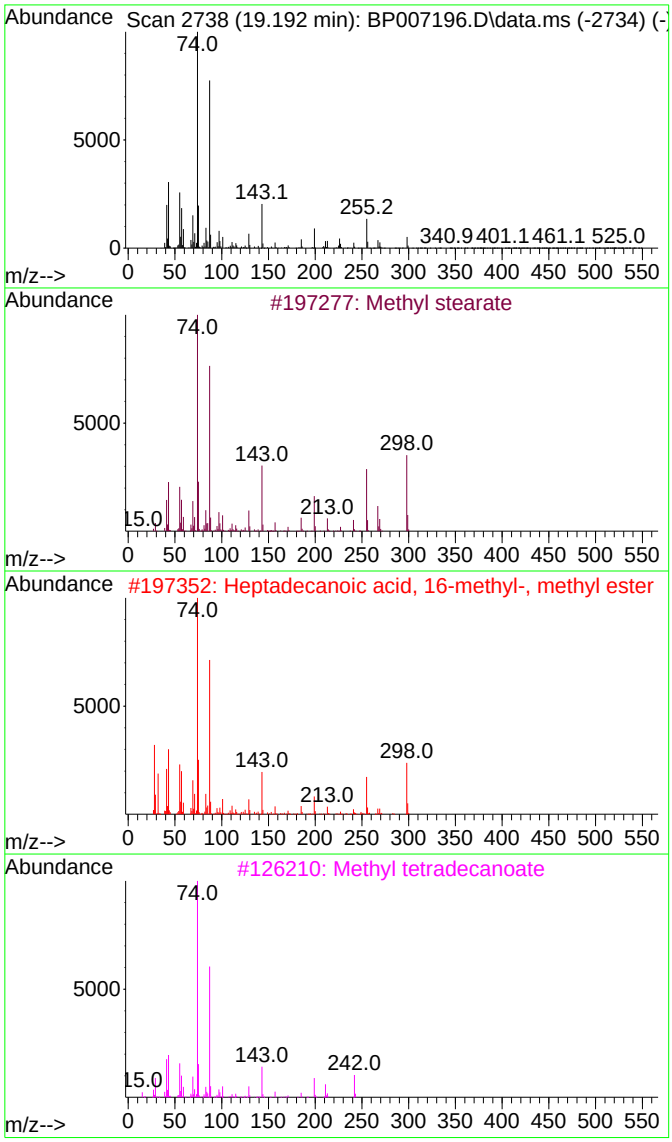
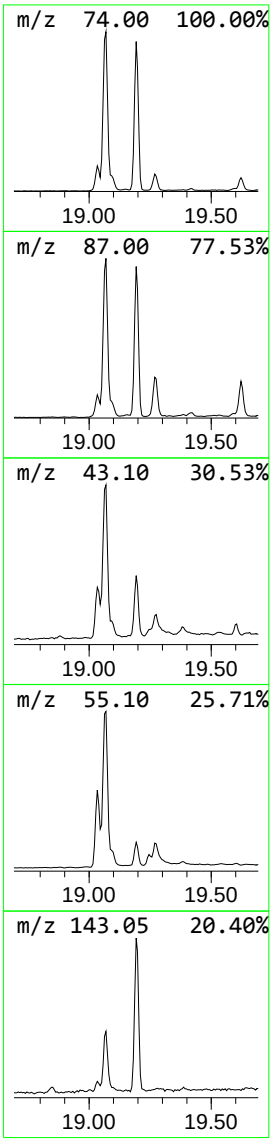
Peak Number 18 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.192	9.34 ng	1291100	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	92
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092521\
Data File : BP007196.D
Acq On : 25 Sep 2021 20:41
Operator : CG/JU
Sample : M3913-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-092321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

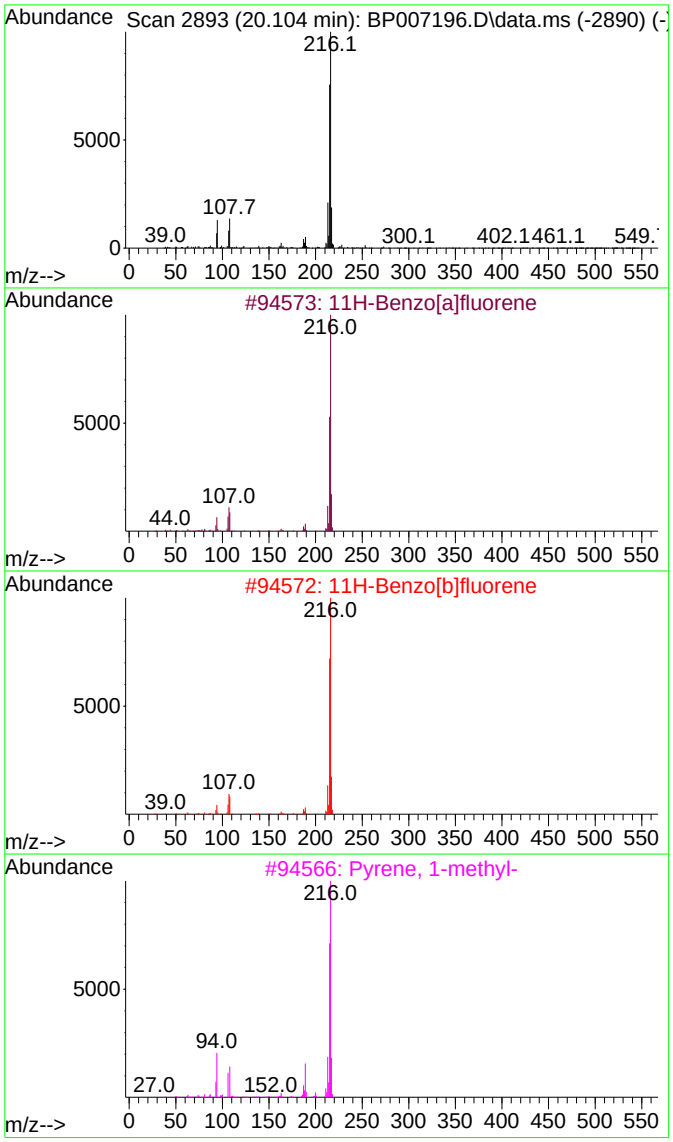
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

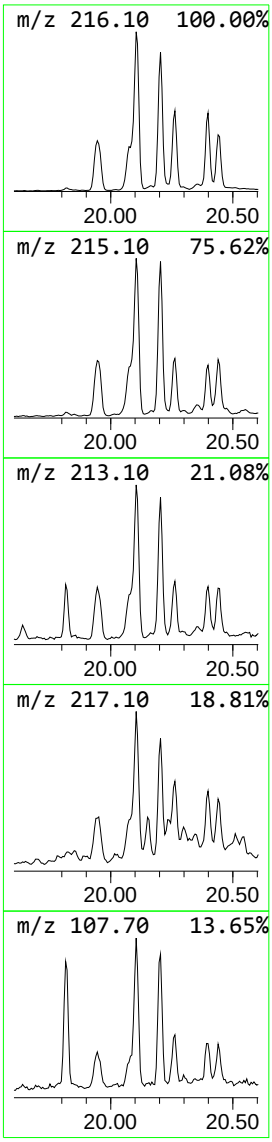
****

Peak Number 19 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.104	3.42 ng	1009590	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092521\
Data File : BP007196.D
Acq On : 25 Sep 2021 20:41
Operator : CG/JU
Sample : M3913-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-092321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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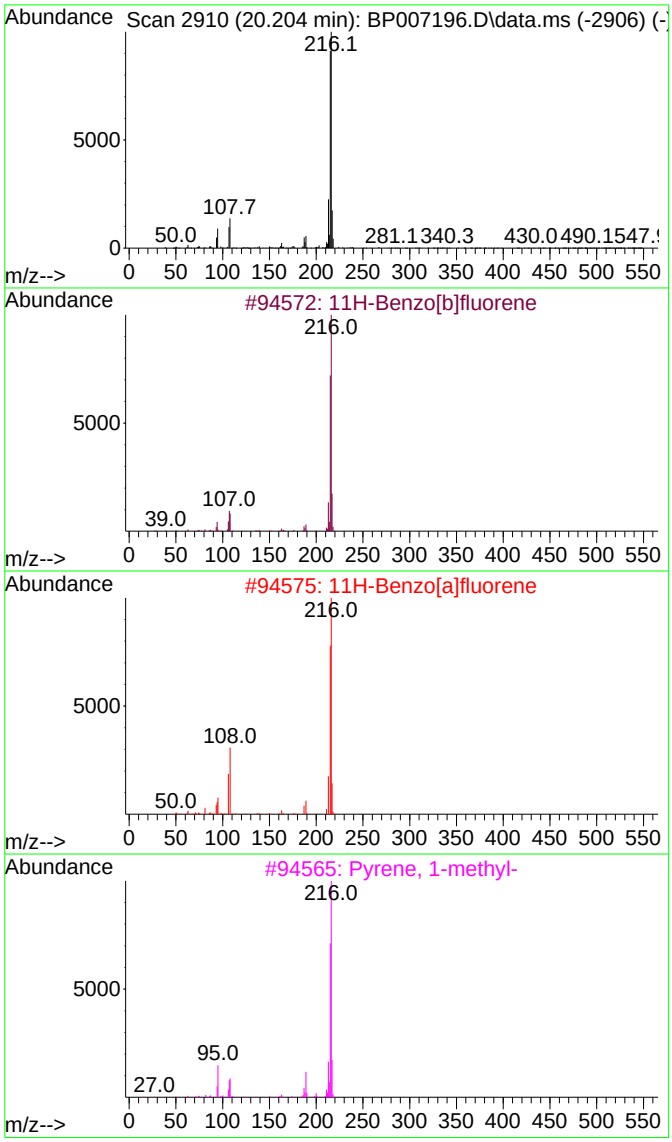
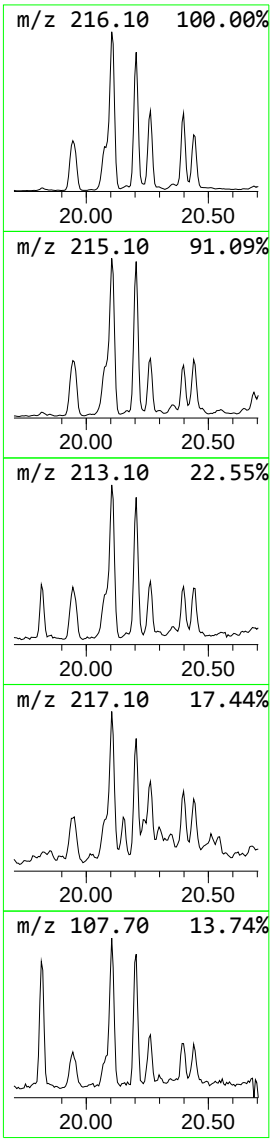
Peak Number 20 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.204	2.33 ng	687020	Chrysene-d12	21.345

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	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092521\
Data File : BP007196.D
Acq On : 25 Sep 2021 20:41
Operator : CG/JU
Sample : M3913-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-092321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethy...	7.528	3.9	ng	231715	1	7.881	1198860	20.0
Indane	8.252	16.5	ng	987378	1	7.881	1198860	20.0
Benzene, 4-ethy...	8.987	3.2	ng	193442	1	7.881	1198860	20.0
Benzene, 1-ethe...	9.928	2.7	ng	239888	2	10.681	1778700	20.0
Benzene, 2-ethe...	10.081	4.3	ng	381990	2	10.681	1778700	20.0
Ethanol, 2-(2-b...	10.463	2.8	ng	244563	2	10.681	1778700	20.0
Tridecane, 5-pr...	16.246	2.3	ng	314675	4	17.263	2765560	20.0
Hexadecanoic ac...	17.934	9.8	ng	1356140	4	17.263	2765560	20.0
Phenanthrene, 2...	18.134	3.1	ng	429545	4	17.263	2765560	20.0
n-Hexadecanoic ...	18.151	3.3	ng	456775	4	17.263	2765560	20.0
Anthracene, 1-m...	18.175	4.0	ng	549813	4	17.263	2765560	20.0
Anthracene, 2-m...	18.251	2.6	ng	353642	4	17.263	2765560	20.0
4H-Cyclopenta[d...	18.322	7.3	ng	1013810	4	17.263	2765560	20.0
1H-Cyclopropa[l...	18.351	2.1	ng	294867	4	17.263	2765560	20.0
9,12-Octadecadi...	19.034	32.9	ng	4554190	4	17.263	2765560	20.0
9-Octadecenoic ...	19.069	50.4	ng	6973320	4	17.263	2765560	20.0
Methyl stearate	19.192	9.3	ng	1291100	4	17.263	2765560	20.0
11H-Benzo[a]flu...	20.104	3.4	ng	1009590	5	21.345	5908130	20.0
11H-Benzo[b]flu...	20.204	2.3	ng	687020	5	21.345	5908130	20.0