LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011521\
Data File : BP004596.D
Acq On : 16 Jan 2021 02:16
Operator : CG/JU
Sample : M1139-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-01-011421

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-BP011221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP004596.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.399	369	376	391	rBV	801826	1289672	16.29%	1.310%
2	6.981	635	645	661	rBV	766987	1340806	16.93%	1.362%
3	7.805	777	785	795	rBV	728242	1186349	14.98%	1.205%
4	8.346	865	877	888	rBV	53200	136951	1.73%	0.139%
5	8.963	976	982	990	rBV	468283	818358	10.33%	0.832%
6	10.599	1249	1260	1266	rBV	993146	1832382	23.14%	1.862%
7	10.646	1266	1268	1276	rVB	45407	84339	1.07%	0.086%
8	11.628	1430	1435	1445	rBV3	47213	98600	1.25%	0.100%
9	11.799	1458	1464	1471	rBV2	50395	94641	1.20%	0.096%
10	12.028	1494	1503	1509	rBV	135478	229552	2.90%	0.233%
11	12.263	1535	1543	1552	rVB5	43437	117444	1.48%	0.119%
12	12.487	1574	1581	1584	rBV	49643	97074	1.23%	0.099%
13	12.522	1584	1587	1592	rVB2	54835	81161	1.02%	0.082%
14	12.993	1662	1667	1672	rVB3	64189	96247	1.22%	0.098%
15	13.069	1673	1680	1690	rBV	1538000	2274250	28.72%	2.311%
16	13.281	1710	1716	1723	rVB2	184530	284531	3.59%	0.289%
17	13.616	1766	1773	1788	rBV5	41369	137677	1.74%	0.140%
18	13.775	1795	1800	1804	rBV2	54822	88114	1.11%	0.090%
19	13.910	1819	1823	1826	rBV	85586	123671	1.56%	0.126%
20	14.175	1864	1868	1874	rBV	111742	167735	2.12%	0.170%
21	14.298	1884	1889	1894	rBV5	42117	84254	1.06%	0.086%
22	14.357	1894	1899	1905	rVB	216701	280957	3.55%	0.285%
23	14.457	1907	1916	1922	rVV	1660869	2457895	31.04%	2.497%
24	14.516	1922	1926	1935	rVB	237030	377390	4.77%	0.383%
25	14.857	1980	1984	1991	rVB	158921	240610	3.04%	0.244%
26	14.981	2001	2005	2013	rVB6	47609	84648	1.07%	0.086%
27	15.081	2014	2022	2025	rBV4	38481	91451	1.15%	0.093%
28	15.310	2057	2061	2072	rVB2	183407	263515	3.33%	0.268%
29	15.510	2089	2095	2107	rBV	294590	505149	6.38%	0.513%
30	15.722	2126	2131	2135	rBV	72627	103103	1.30%	0.105%
31	15.804	2141	2145	2153	rVB2	70315	129963	1.64%	0.132%
32	15.951	2163	2170	2178	rBV	1175814	1849340	23.35%	1.879%
33	16.181	2204	2209	2223	rVB2	224444	440402	5.56%	0.447%
34	16.522	2260	2267	2271	rBV3	78515	142362	1.80%	0.145%
35	16.569	2271	2275	2281	rVB3	55596	100127	1.26%	0.102%
36	16.757	2303	2307	2310	rVV3	76167	117526	1.48%	0.119%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011521\
Data File : BP004596.D
Acq On : 16 Jan 2021 02:16
Operator : CG/JU
Sample : M1139-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-01-011421

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-BP011221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.975	2340	2344	2349	rVV	170082	204562	2.58%	0.208%
38	17.034	2349	2354	2365	rVB2	213701	378715	4.78%	0.385%
39	17.216	2379	2385	2389	rBV	1951536	2958213	37.36%	3.006%
40	17.257	2389	2392	2400	rVV	2945725	4219934	53.29%	4.288%
41	17.351	2403	2408	2413	rVB	639333	906834	11.45%	0.921%
42	17.410	2414	2418	2423	rBV2	77544	133736	1.69%	0.136%
43	17.628	2450	2455	2466	rVB	301669	478524	6.04%	0.486%
44	17.716	2466	2470	2476	rVV2	156364	279258	3.53%	0.284%
45	17.798	2480	2484	2493	rVB3	89782	166366	2.10%	0.169%
46	17.886	2494	2499	2504	rBV	788527	967267	12.21%	0.983%
47	17.939	2504	2508	2514	rVB	46398	79662	1.01%	0.081%
48	18.086	2529	2533	2538	rBV	367136	620306	7.83%	0.630%
49	18.133	2538	2541	2547	rVB	515229	722590	9.12%	0.734%
50	18.216	2550	2555	2559	rBV	174043	244184	3.08%	0.248%
51	18.281	2560	2566	2569	rBV2	753909	1253812	15.83%	1.274%
52	18.310	2569	2571	2577	rVB	273243	339897	4.29%	0.345%
53	18.392	2580	2585	2588	rBV2	180916	234208	2.96%	0.238%
54	18.569	2611	2615	2619	rBV	285269	382172	4.83%	0.388%
55	18.616	2619	2623	2630	rVB2	225840	329482	4.16%	0.335%
56	18.810	2653	2656	2659	rVB	79380	85995	1.09%	0.087%
57	18.857	2662	2664	2668	rVV	96010	118872	1.50%	0.121%
58	18.898	2668	2671	2674	rVB3	84109	102939	1.30%	0.105%
59	18.992	2680	2687	2690	rBV2	2299202	3199962	40.41%	3.251%
60	19.022	2690	2692	2703	rVB3	2058518	2924123	36.93%	2.971%
61	19.116	2704	2708	2711	rBV2	125076	222626	2.81%	0.226%
62	19.151	2711	2714	2720	rVB2	347567	425287	5.37%	0.432%
63	19.233	2723	2728	2734	rVV	5908213	7837078	98.96%	7.963%
64	19.292	2734	2738	2741	rVB2	120124	152787	1.93%	0.155%
65	19.328	2741	2744	2748	rBV	115167	164157	2.07%	0.167%
66	19.469	2765	2768	2772	rBV	136614	171372	2.16%	0.174%
67	19.557	2778	2783	2784	rBV	1017891	1199221	15.14%	1.219%
68	19.586	2784	2788	2796	rVV	4856505	6955633	87.83%	7.068%
69	19.657	2796	2800	2806	rVB2	219844	326584	4.12%	0.332%
70	19.780	2814	2821	2825	rBV	2941004	3800663	47.99%	3.862%
71	19.828	2825	2829	2833	rVB	185067	275159	3.47%	0.280%
72	19.904	2836	2842	2848	rBV3	292262	770392	9.73%	0.783%
73	20.039	2859	2865	2866	rBV4	230097	403894	5.10%	0.410%
74	20.069	2866	2870	2875	rVB	979777	1395832	17.63%	1.418%
75	20.169	2882	2887	2891	rBV	868447	1114684	14.08%	1.133%
76	20.222	2891	2896	2900	rVV2	453775	754896	9.53%	0.767%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011521\
Data File : BP004596.D
Acq On : 16 Jan 2021 02:16
Operator : CG/JU
Sample : M1139-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-01-011421

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-BP011221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.257	2900	2902	2906	rVB2	187884	224793	2.84%	0.228%
78	20.363	2916	2920	2923	rBV	249812	340295	4.30%	0.346%
79	20.404	2924	2927	2931	rVV	252406	316447	4.00%	0.322%
80	20.763	2985	2988	2992	rBV2	118402	189337	2.39%	0.192%
81	20.804	2992	2995	3001	rVB	246600	335693	4.24%	0.341%
82	20.963	3019	3022	3025	rBV	406830	497611	6.28%	0.506%
83	20.998	3025	3028	3032	rVV	408685	643587	8.13%	0.654%
84	21.039	3033	3035	3040	rVB2	386139	529768	6.69%	0.538%
85	21.304	3074	3080	3085	rBV3	3872889	7919072	100.00%	8.046%
86	21.345	3085	3087	3096	rVB	2616731	3285928	41.49%	3.339%
87	21.469	3104	3108	3114	rVB	528085	665296	8.40%	0.676%
88	21.633	3132	3136	3141	rVB2	378671	553439	6.99%	0.562%
89	22.080	3210	3212	3215	rBV	198120	238378	3.01%	0.242%
90	22.951	3354	3360	3365	rBV	1972282	4611780	58.24%	4.686%
91	23.133	3387	3391	3396	rVB	395378	658115	8.31%	0.669%
92	23.457	3441	3446	3454	rVB	1280083	2405365	30.37%	2.444%
93	23.557	3457	3463	3471	rVB	1906990	3741775	47.25%	3.802%
94	23.663	3475	3481	3486	rBV2	1700288	3242804	40.95%	3.295%
95	26.080	3886	3892	3904	rVB2	980417	2867183	36.21%	2.913%

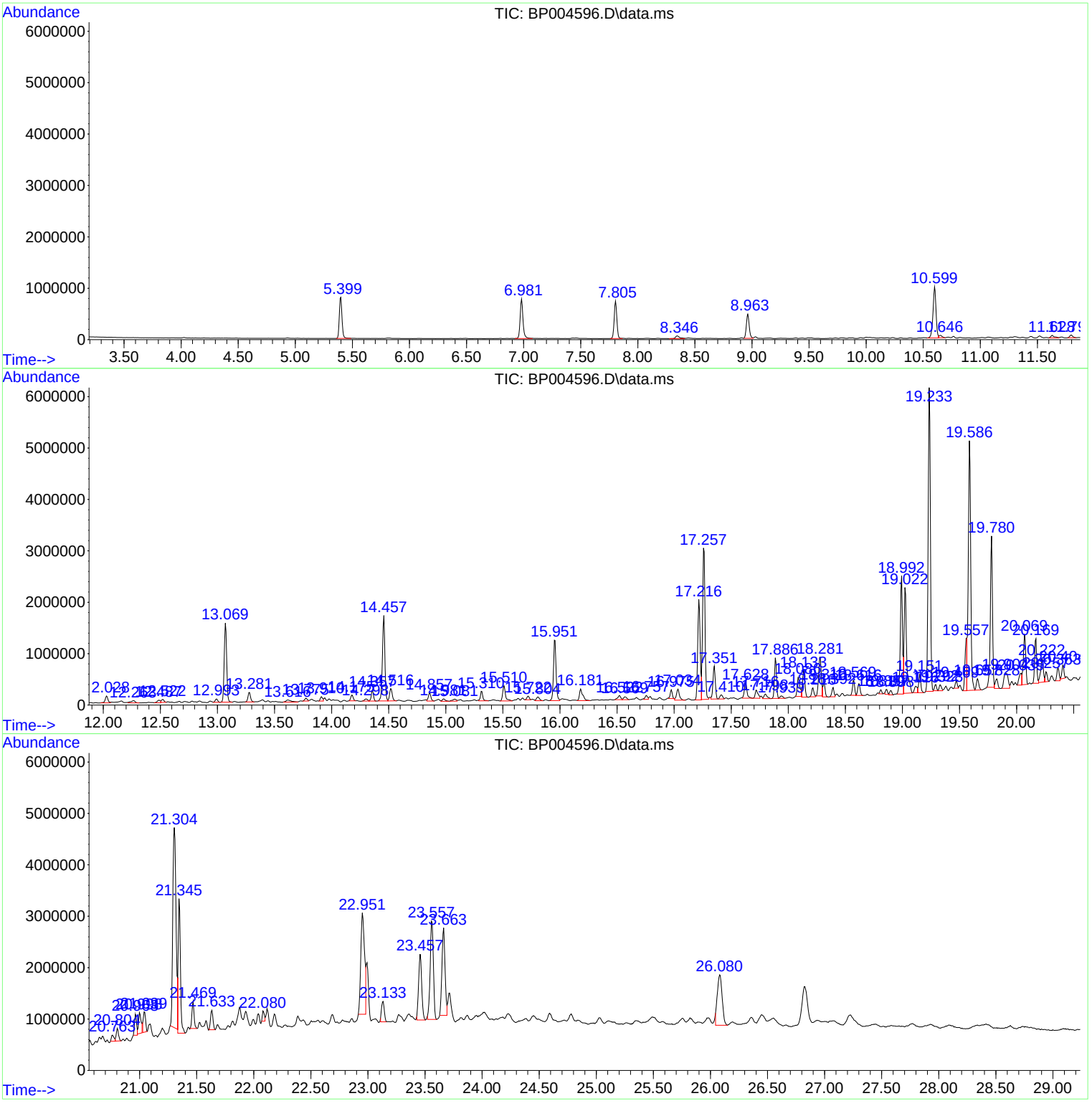
Sum of corrected areas: 98416790

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011521\
Data File : BP004596.D
Acq On : 16 Jan 2021 02:16
Operator : CG/JU
Sample : M1139-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-011421

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.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\BP011521\
Data File : BP004596.D
Acq On : 16 Jan 2021 02:16
Operator : CG/JU
Sample : M1139-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-011421

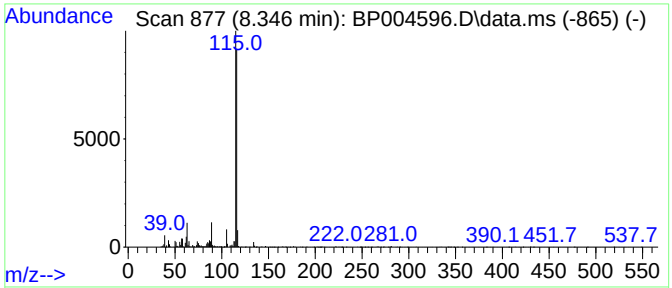
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

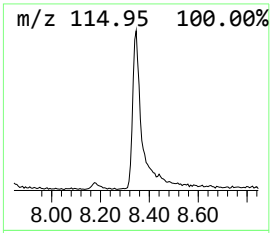
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

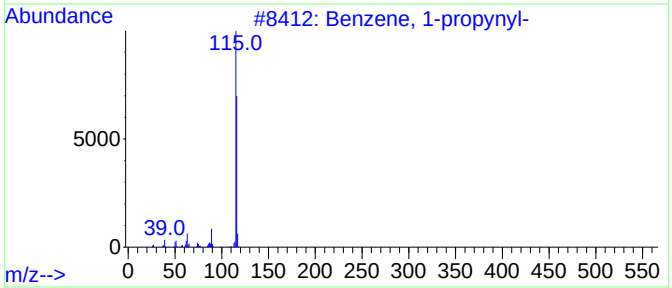
****
Peak Number 1 Benzene, 1-propynyl- Concentration Rank 17

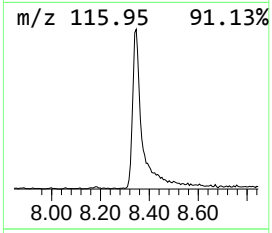
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.346	2.31 ng	136951	1,4-Dichlorobenzene-d4	7.805

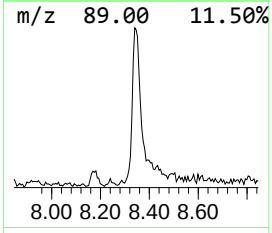
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	Indene	116	C9H8	000095-13-6	93
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	83

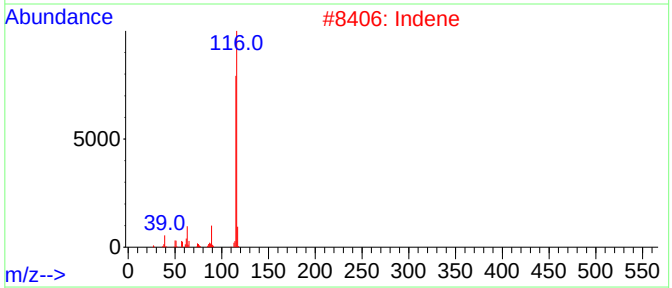


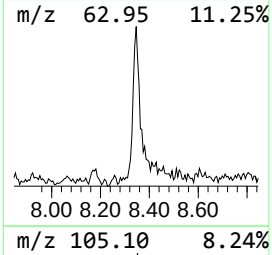


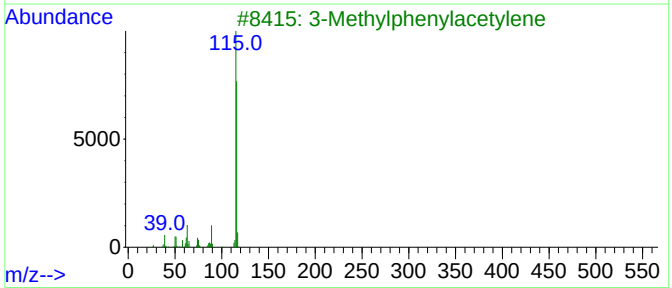


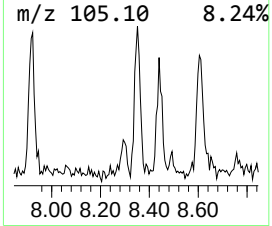












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011521\
Data File : BP004596.D
Acq On : 16 Jan 2021 02:16
Operator : CG/JU
Sample : M1139-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-011421

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

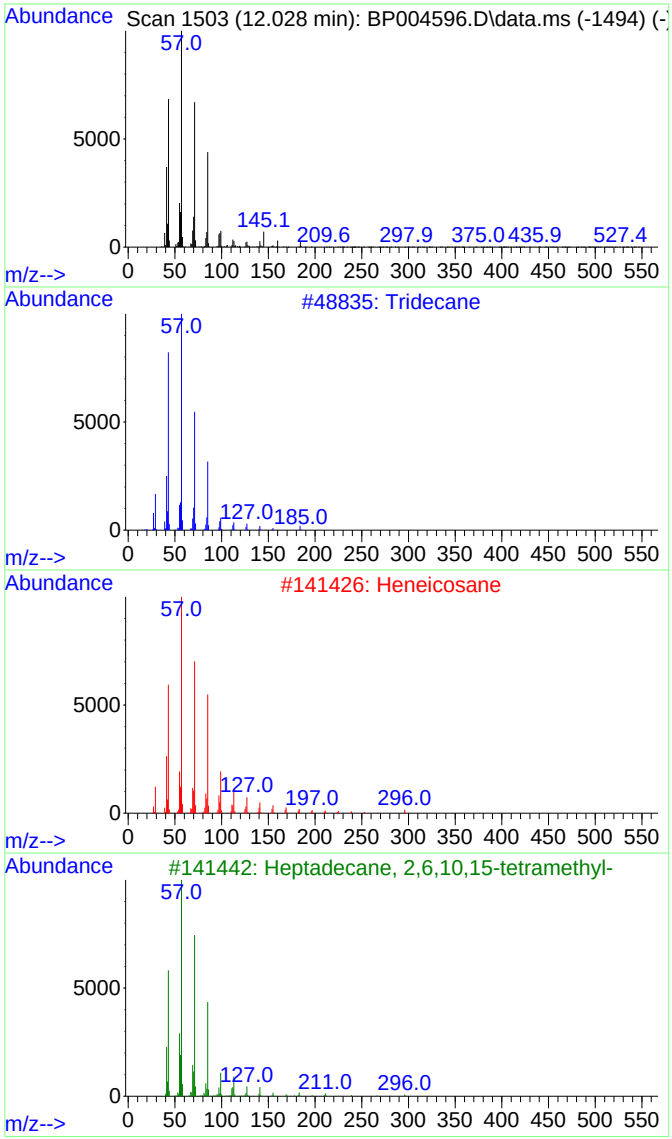
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

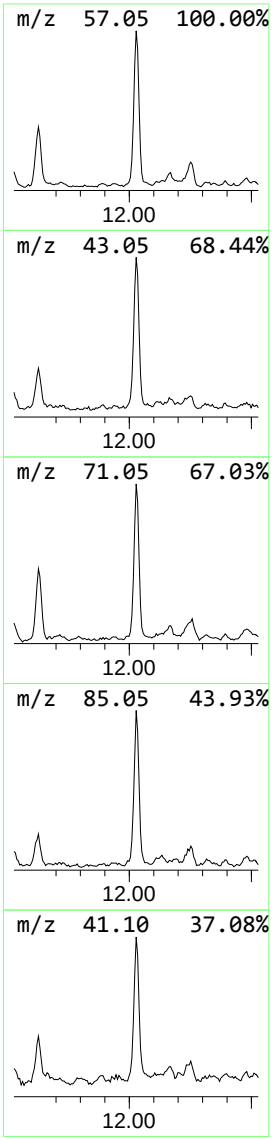
****

Peak Number 2 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.028	2.51 ng	229552	Naphthalene-d8	10.599

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011521\
Data File : BP004596.D
Acq On : 16 Jan 2021 02:16
Operator : CG/JU
Sample : M1139-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-011421

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

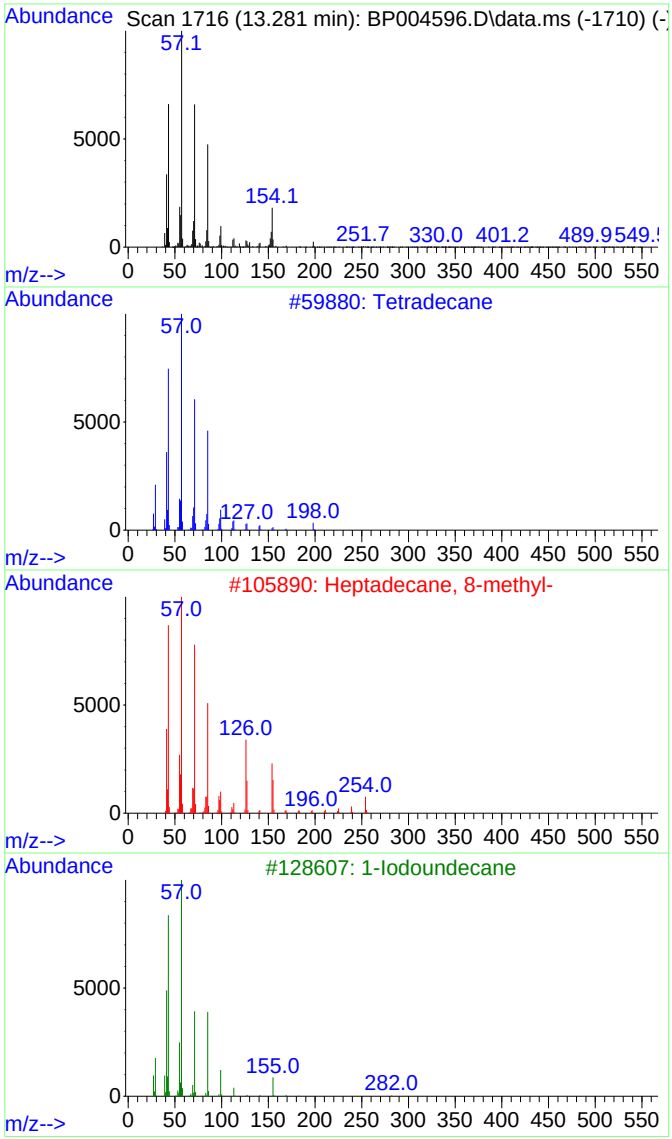
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

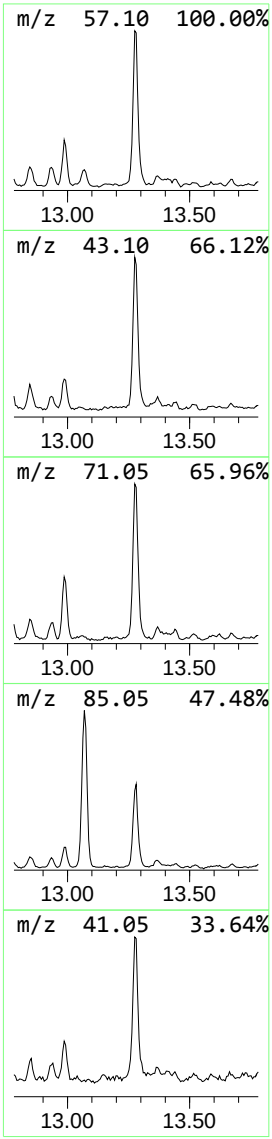
****

Peak Number 3 Tetradecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.281	2.32 ng	284531	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	74
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	72
3	1-Iodoundecane	282	C11H23I	004282-44-4	68
4	Pentadecane	212	C15H32	000629-62-9	64
5	Hexadecane	226	C16H34	000544-76-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011521\
Data File : BP004596.D
Acq On : 16 Jan 2021 02:16
Operator : CG/JU
Sample : M1139-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-011421

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

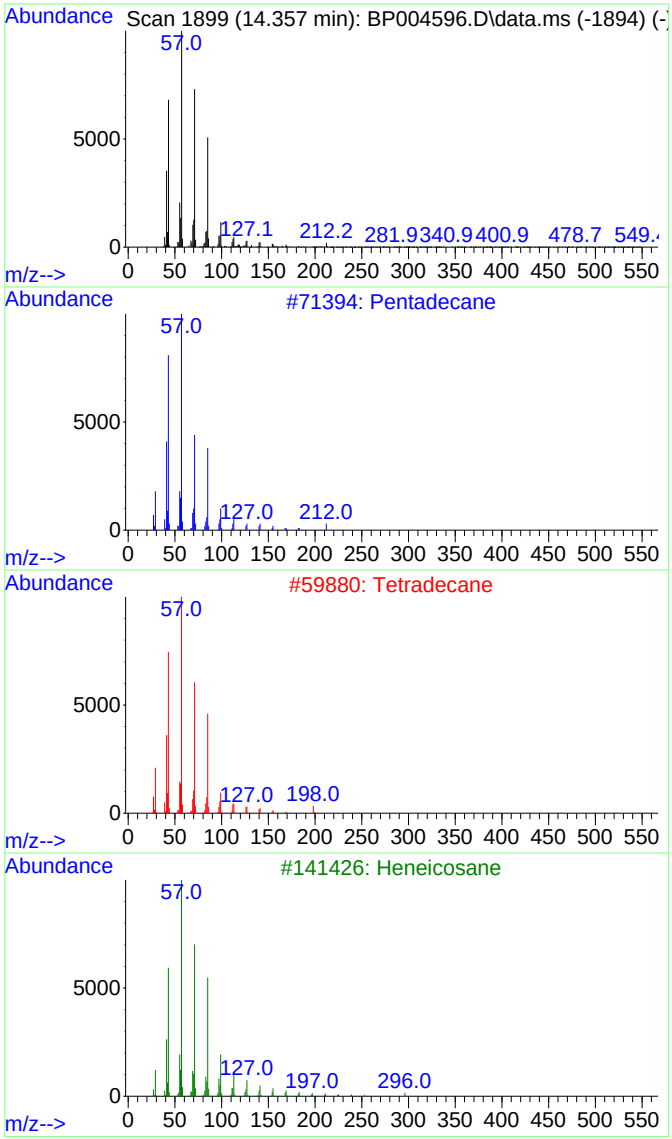
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

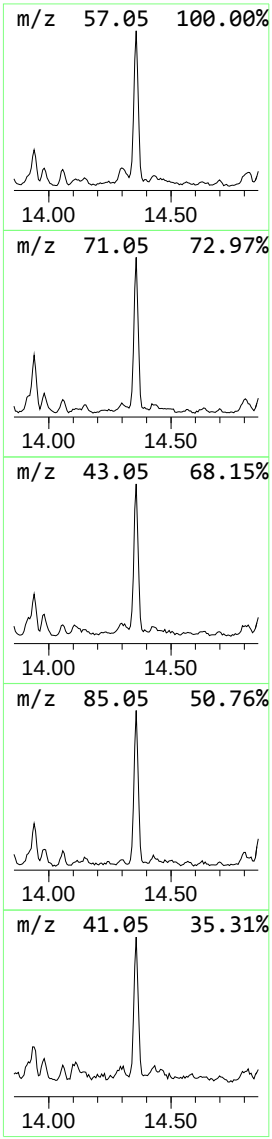
****

Peak Number 4 Pentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.357	2.29 ng	280957	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	87
2	Tetradecane	198	C14H30	000629-59-4	87
3	Heneicosane	296	C21H44	000629-94-7	86
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	76
5	Hexadecane	226	C16H34	000544-76-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011521\
Data File : BP004596.D
Acq On : 16 Jan 2021 02:16
Operator : CG/JU
Sample : M1139-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-011421

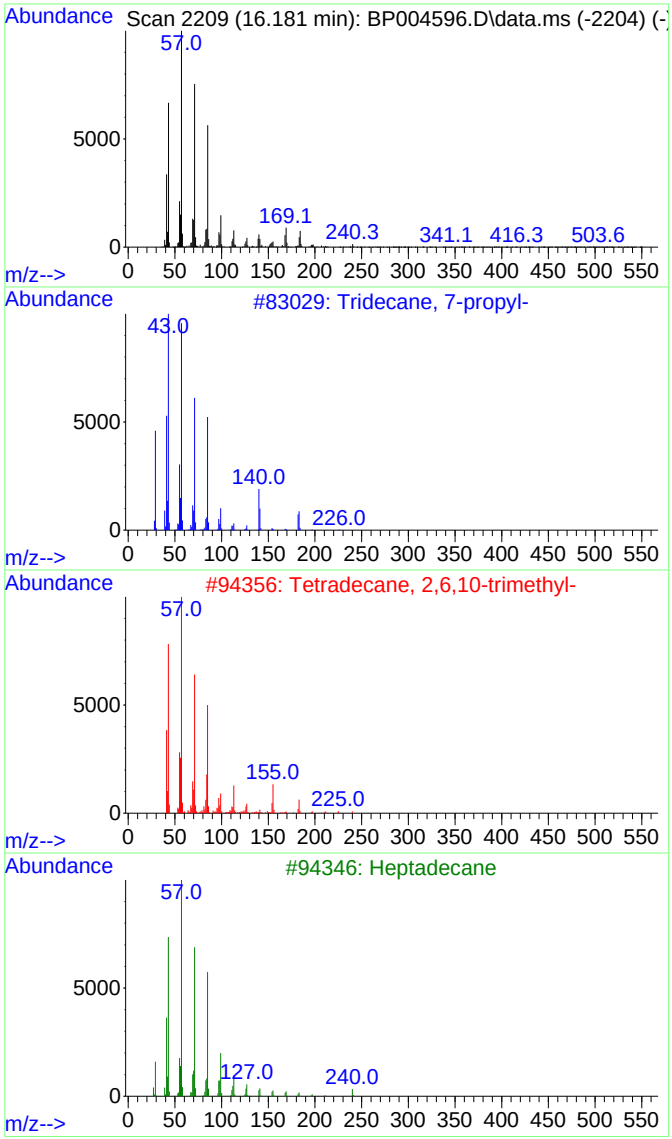
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

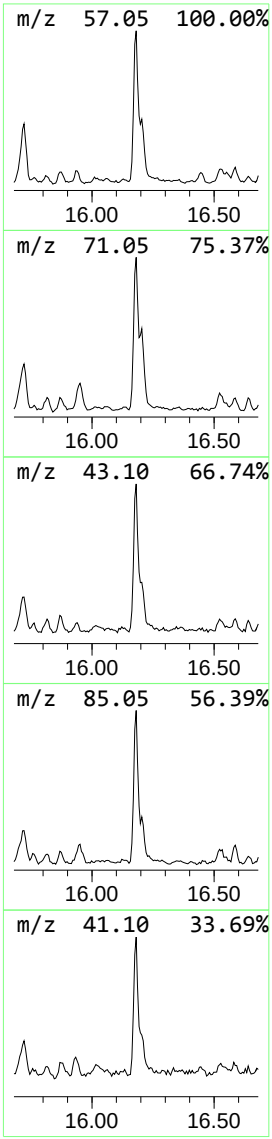
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Tridecane, 7-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.181	2.98 ng	440402	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
3	Heptadecane	240	C17H36	000629-78-7	87
4	Tetradecane	198	C14H30	000629-59-4	83
5	Tridecane	184	C13H28	000629-50-5	83





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Data File : BP004596.D
Acq On : 16 Jan 2021 02:16
Operator : CG/JU
Sample : M1139-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-011421

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

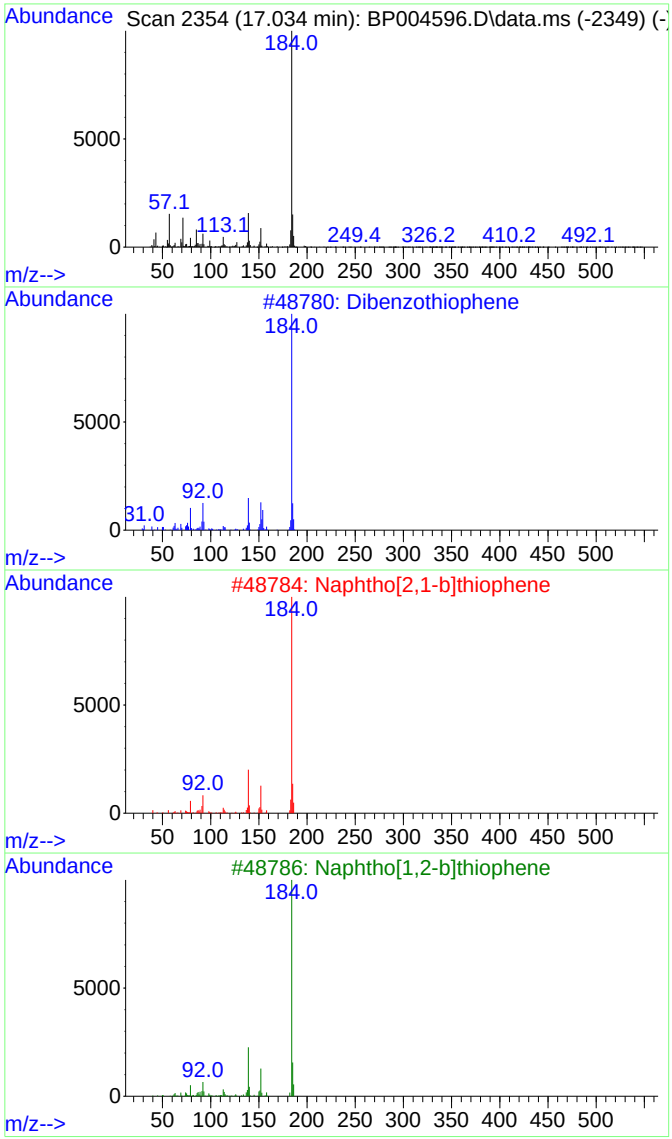
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

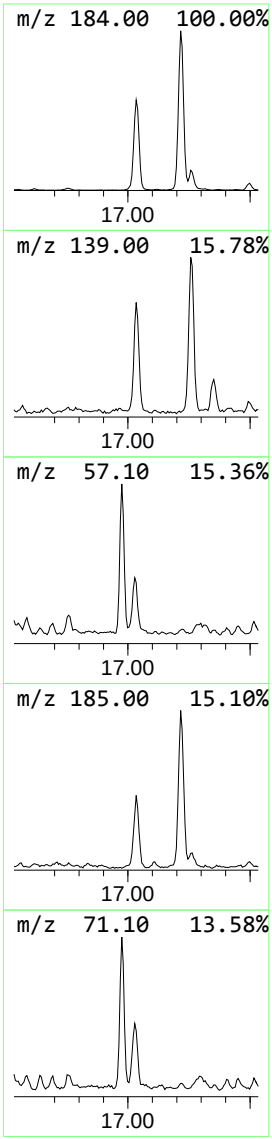
****

Peak Number 6 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.034	2.56 ng	378715	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87





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Data File : BP004596.D
Acq On : 16 Jan 2021 02:16
Operator : CG/JU
Sample : M1139-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-011421

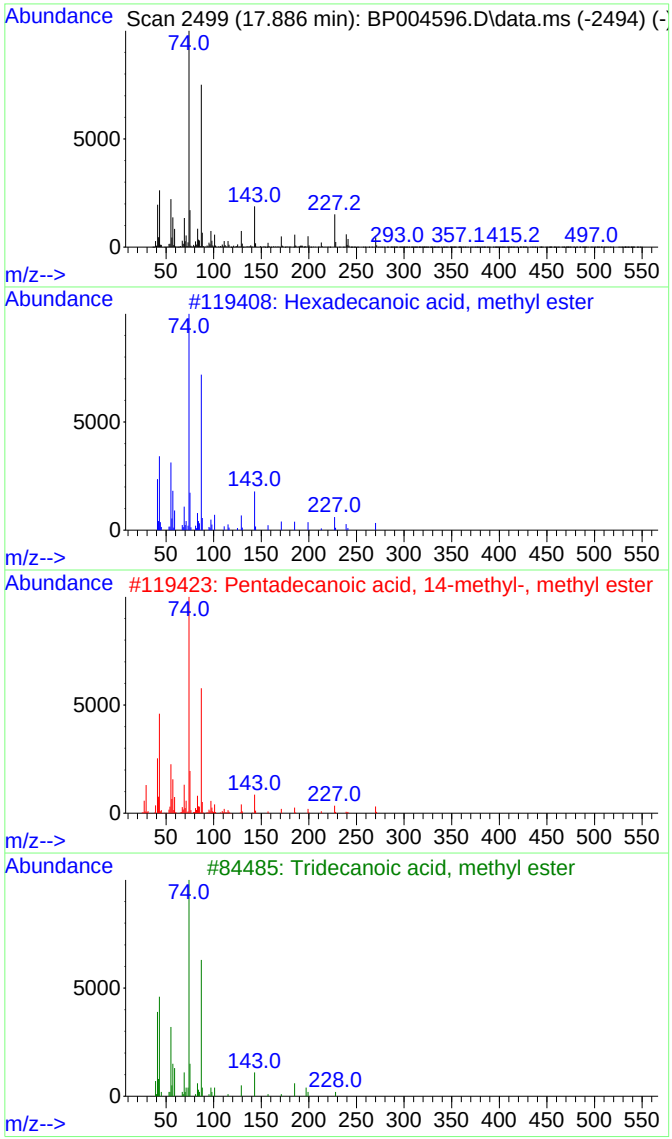
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

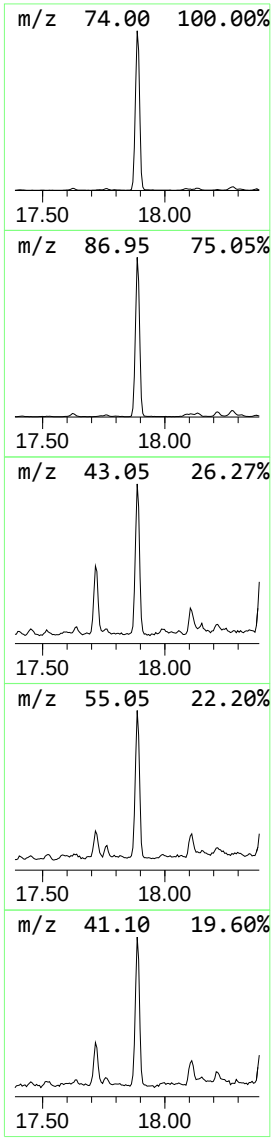
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.887	6.54 ng	967267	Phenanthrene-d10	17.216

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	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011521\
Data File : BP004596.D
Acq On : 16 Jan 2021 02:16
Operator : CG/JU
Sample : M1139-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-011421

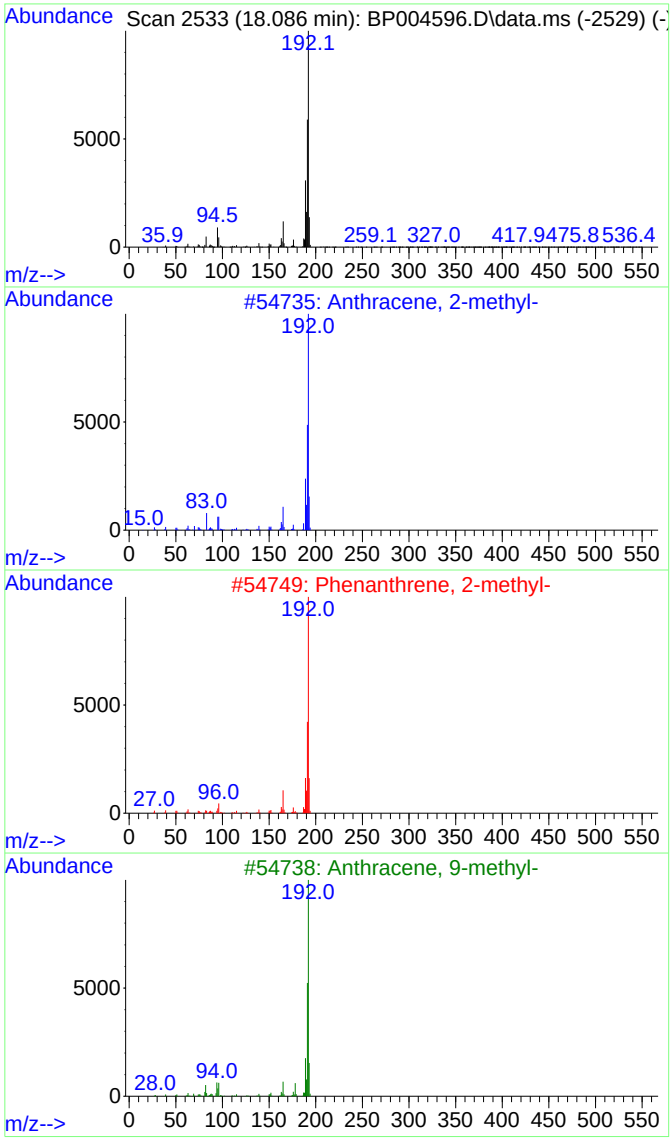
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

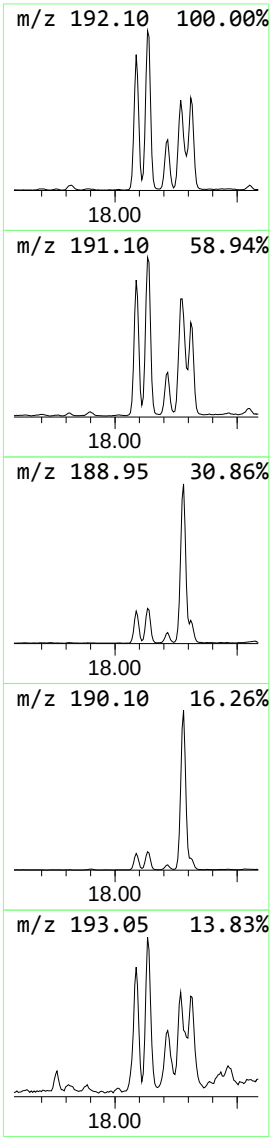
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	4.19 ng	620306	Phenanthrene-d10	17.216

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	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011521\
Data File : BP004596.D
Acq On : 16 Jan 2021 02:16
Operator : CG/JU
Sample : M1139-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-011421

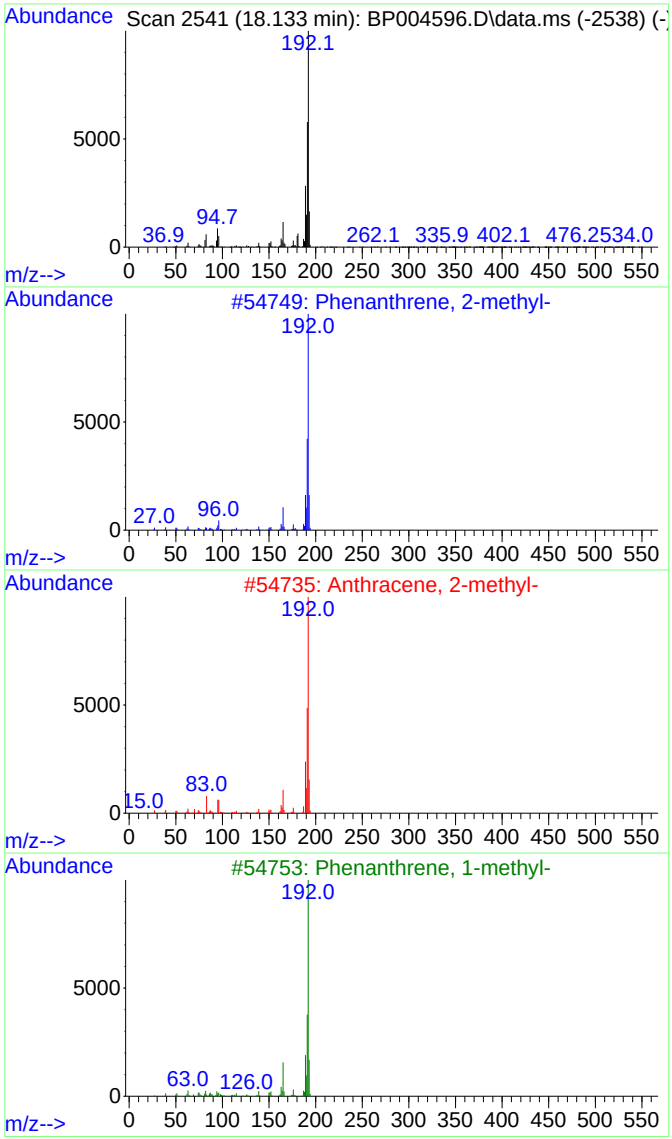
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

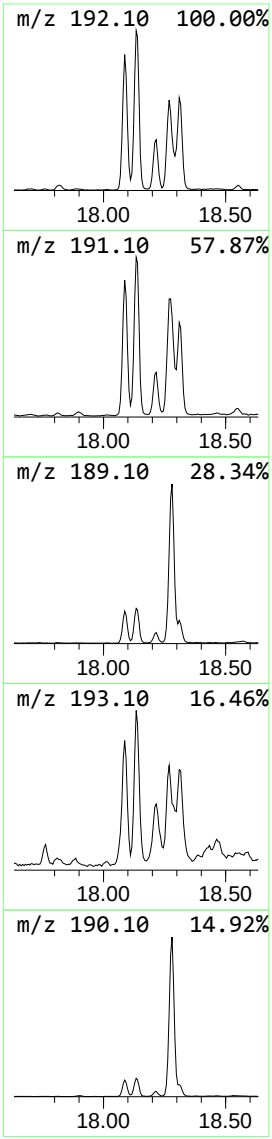
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.134	4.89 ng	722590	Phenanthrene-d10	17.216

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, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Data File : BP004596.D
Acq On : 16 Jan 2021 02:16
Operator : CG/JU
Sample : M1139-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-011421

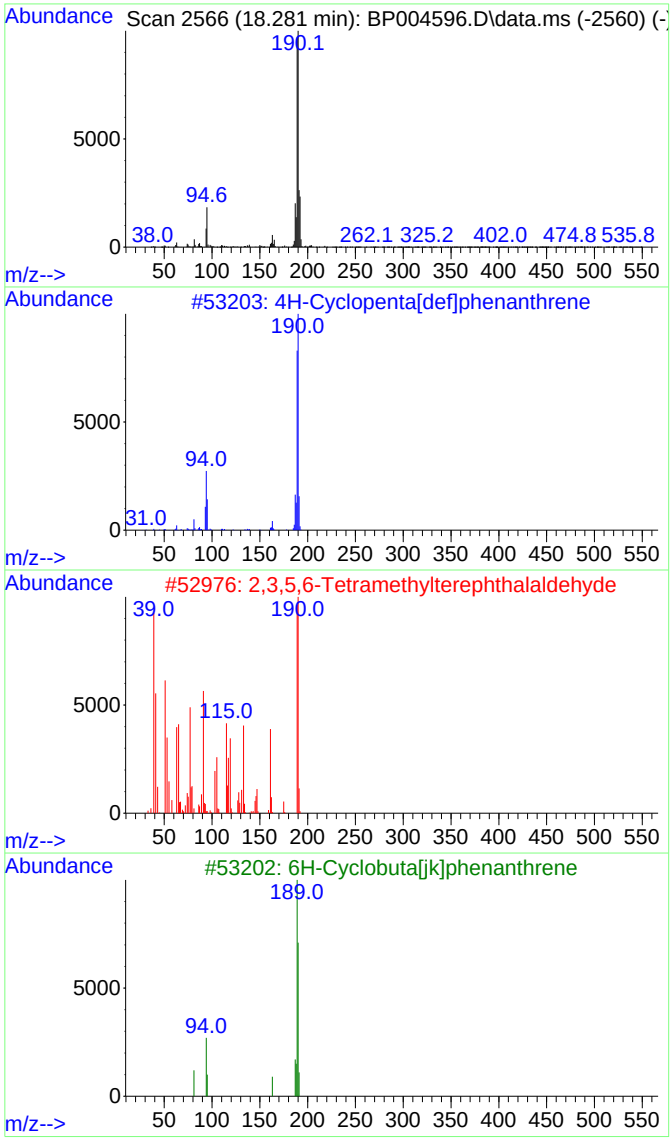
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

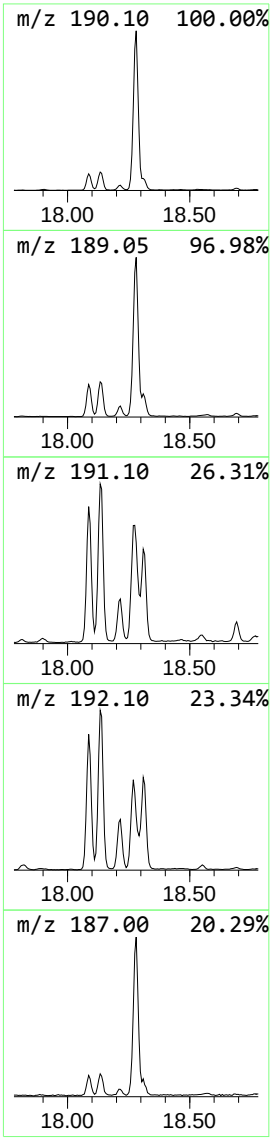
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.281	8.48 ng	1253810	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	18





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Data File : BP004596.D
Acq On : 16 Jan 2021 02:16
Operator : CG/JU
Sample : M1139-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-011421

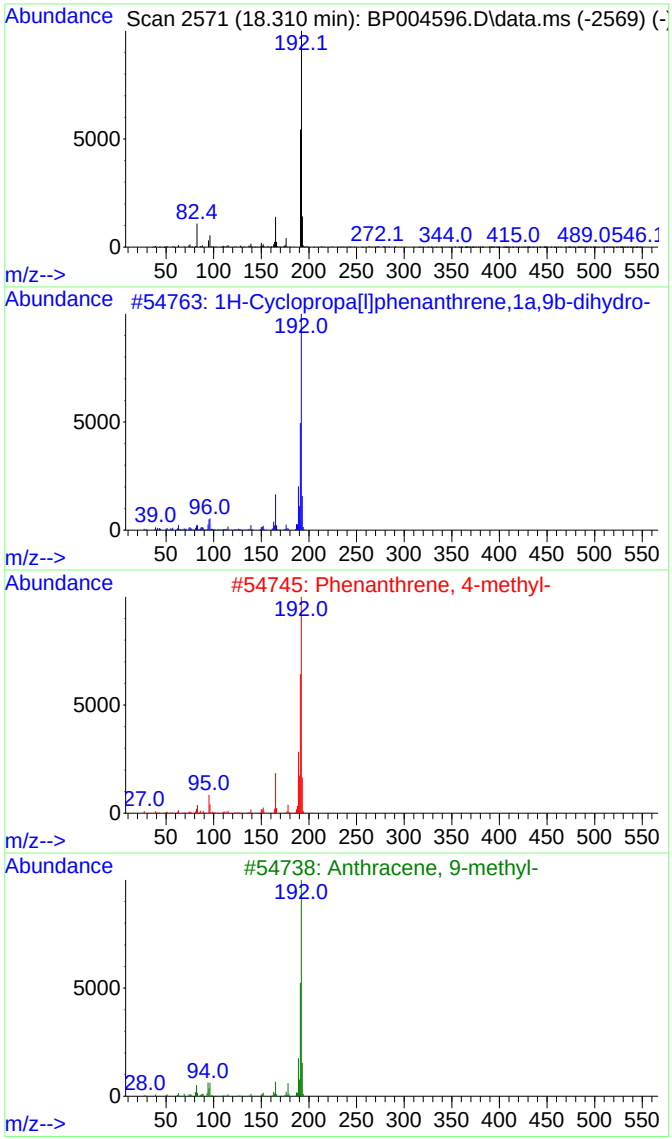
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

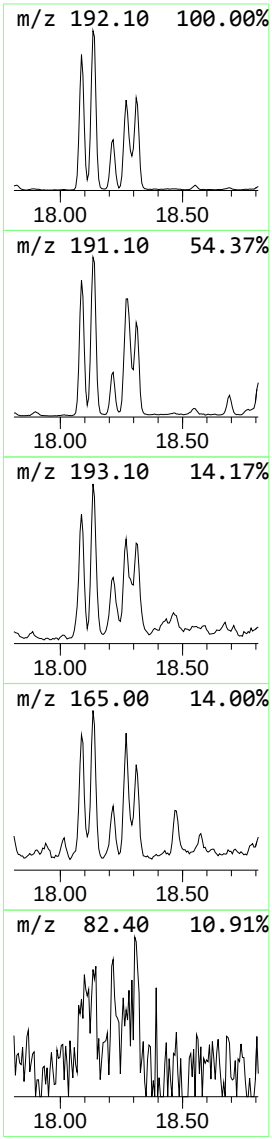
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	2.30 ng	339897	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86





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Data File : BP004596.D
Acq On : 16 Jan 2021 02:16
Operator : CG/JU
Sample : M1139-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-011421

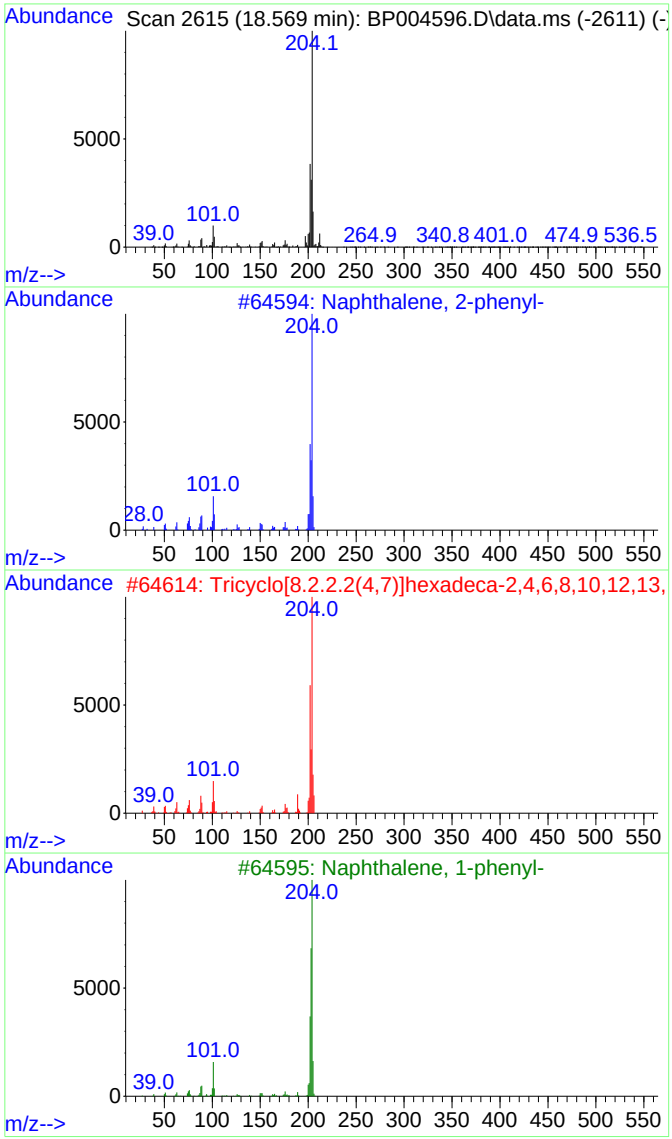
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

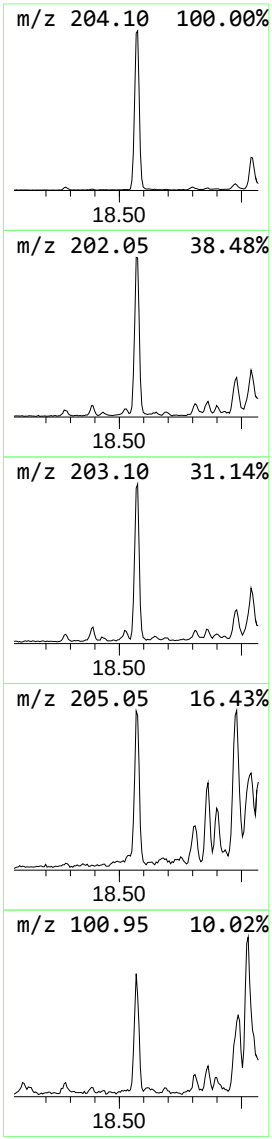
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.569	2.58 ng	382172	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
4	Levamisole	204	C11H12N2S	014769-73-4	49
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





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Data File : BP004596.D
Acq On : 16 Jan 2021 02:16
Operator : CG/JU
Sample : M1139-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-011421

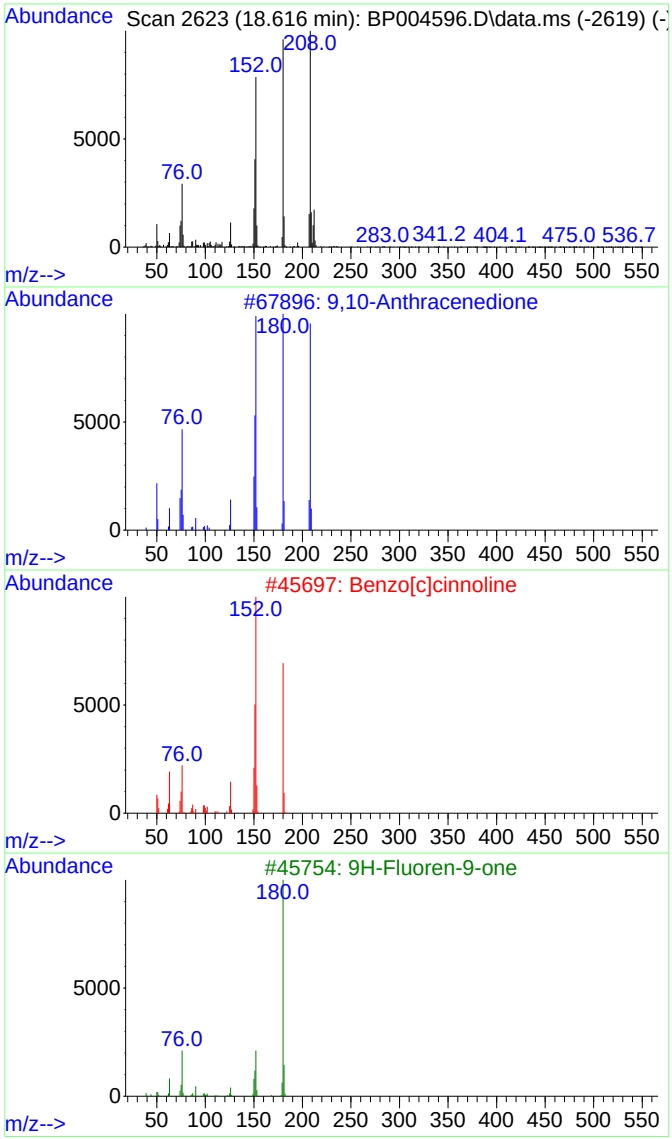
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

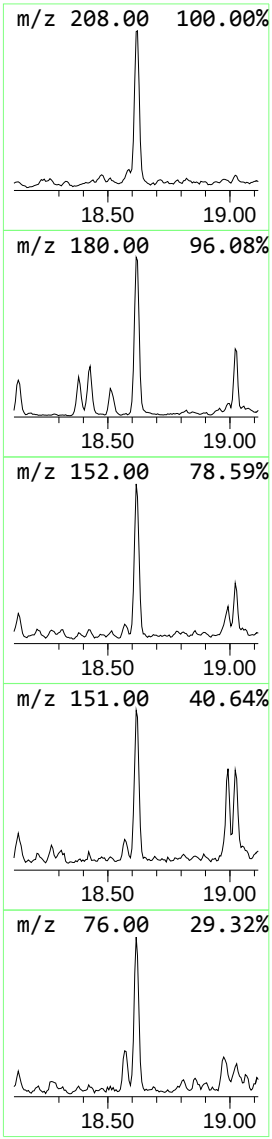
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,10-Anthracenedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.616	2.23 ng	329482	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	43





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Data File : BP004596.D
Acq On : 16 Jan 2021 02:16
Operator : CG/JU
Sample : M1139-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-011421

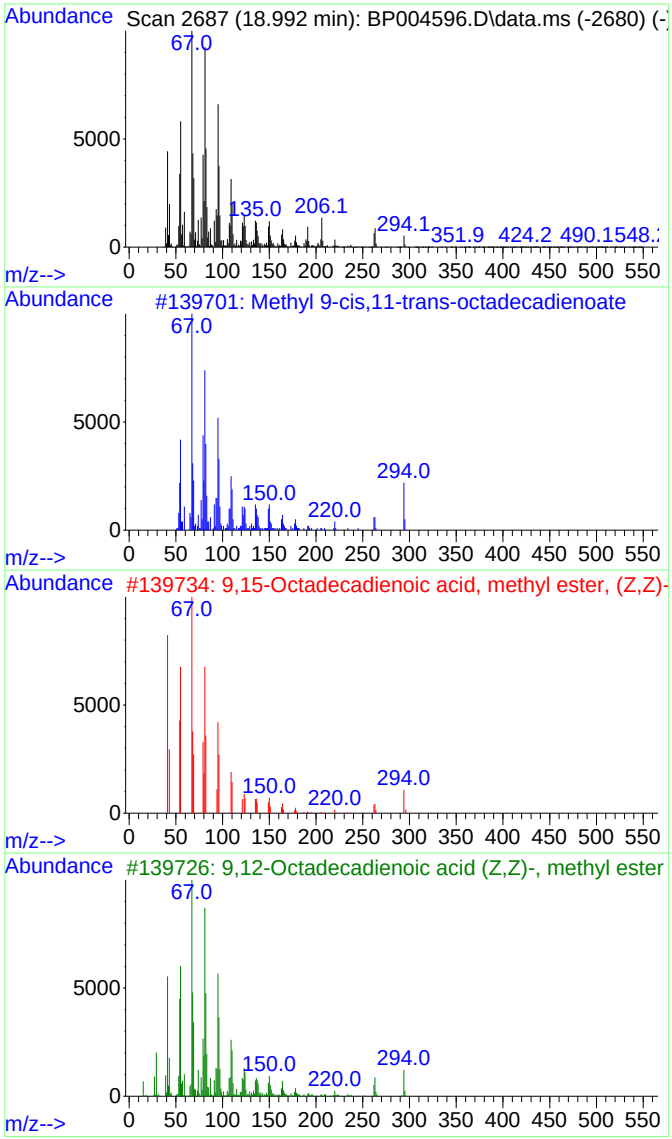
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

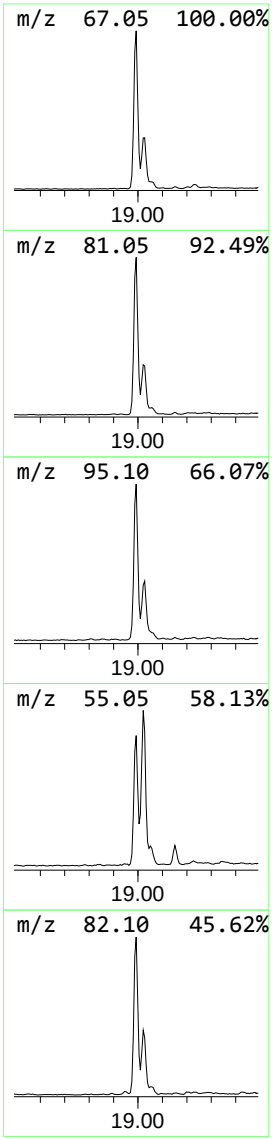
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Methyl 9-cis,11-trans-octad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	21.63 ng	3199960	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011521\
Data File : BP004596.D
Acq On : 16 Jan 2021 02:16
Operator : CG/JU
Sample : M1139-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-011421

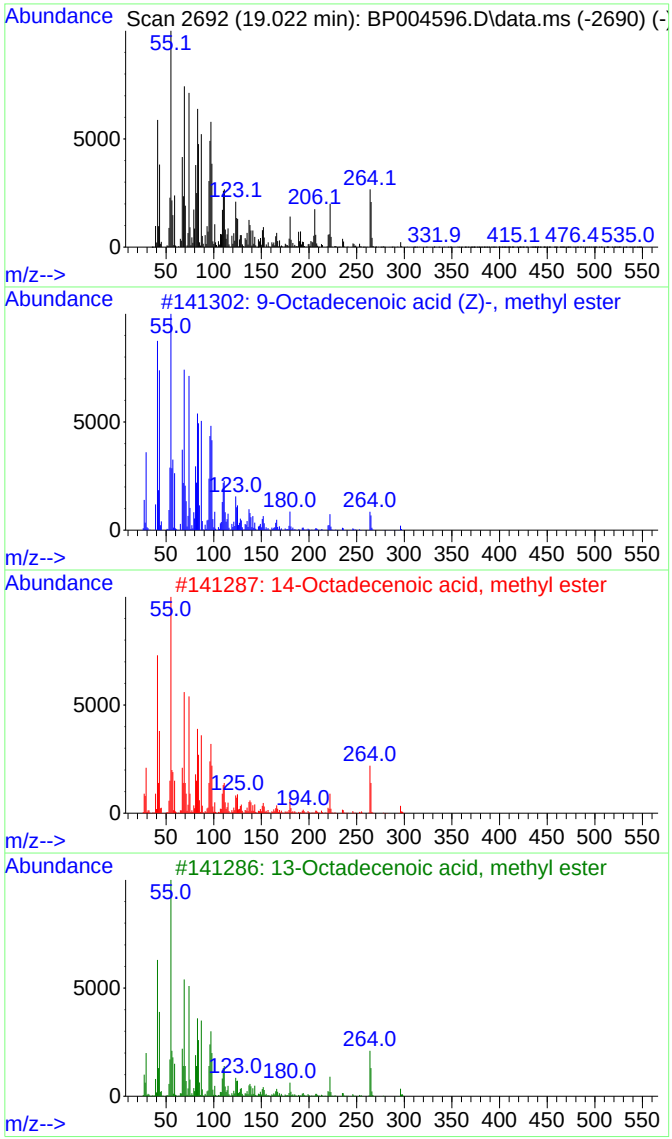
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

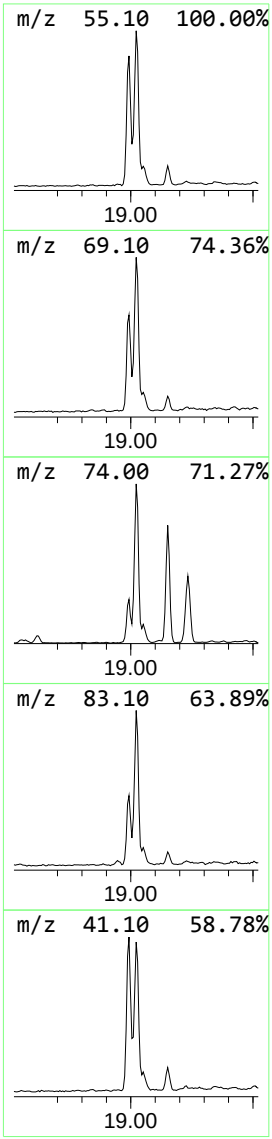
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.022	19.77 ng	2924120	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011521\
Data File : BP004596.D
Acq On : 16 Jan 2021 02:16
Operator : CG/JU
Sample : M1139-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-011421

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.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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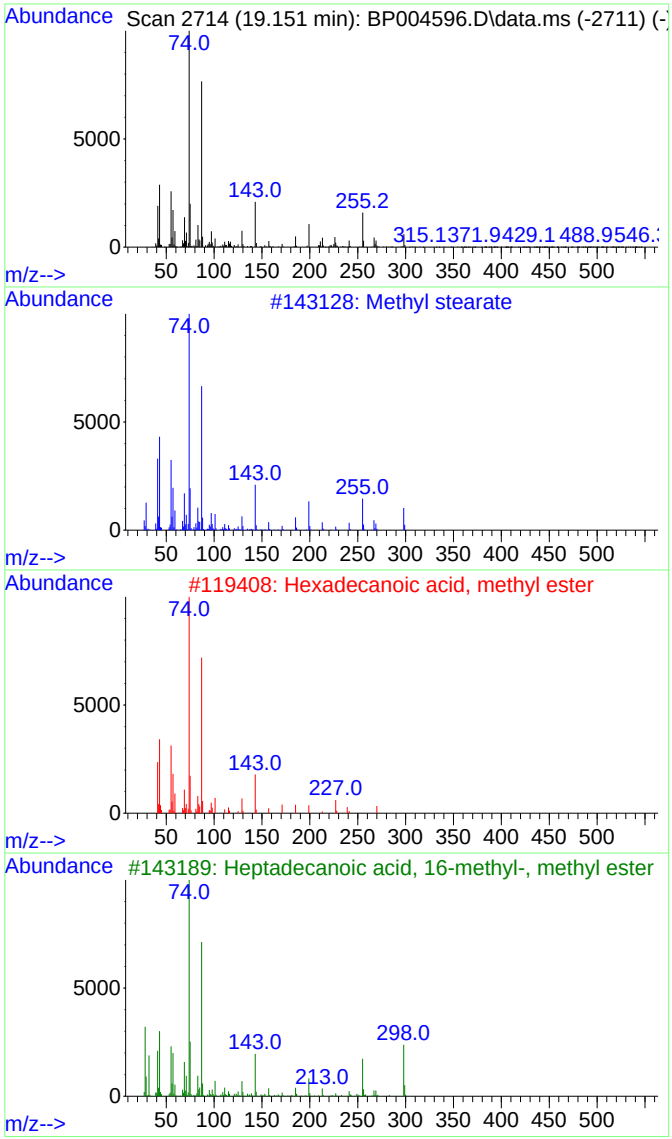
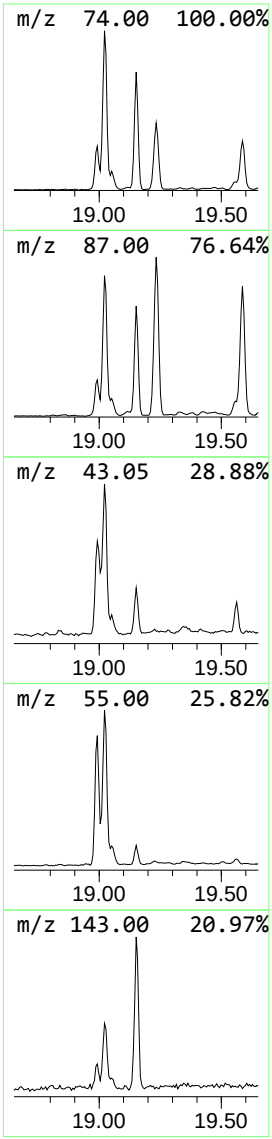
Peak Number 16 Methyl stearate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.151	2.88 ng	425287	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	93
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87





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Data File : BP004596.D
Acq On : 16 Jan 2021 02:16
Operator : CG/JU
Sample : M1139-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-011421

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.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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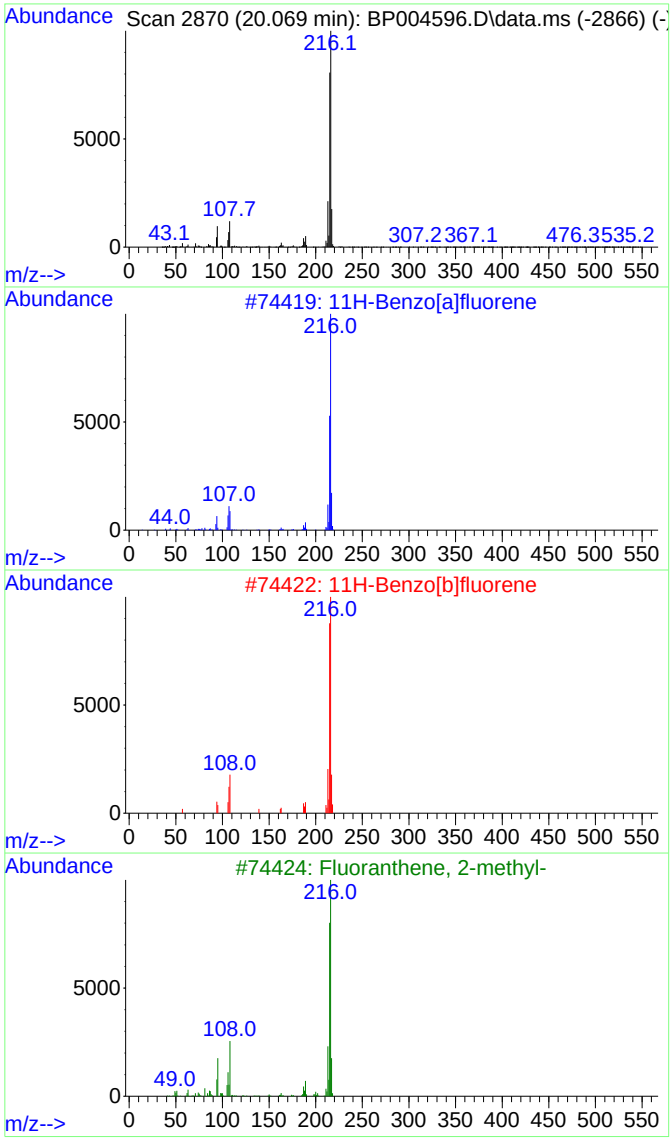
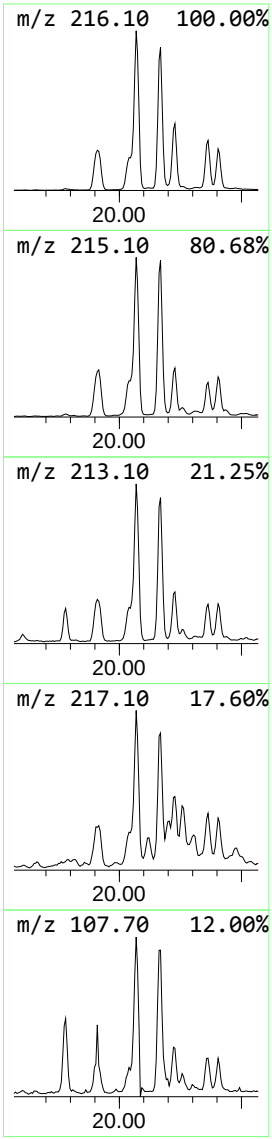
Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.069	3.53 ng	1395830	Chrysene-d12	21.310

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	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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Data File : BP004596.D
Acq On : 16 Jan 2021 02:16
Operator : CG/JU
Sample : M1139-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-011421

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.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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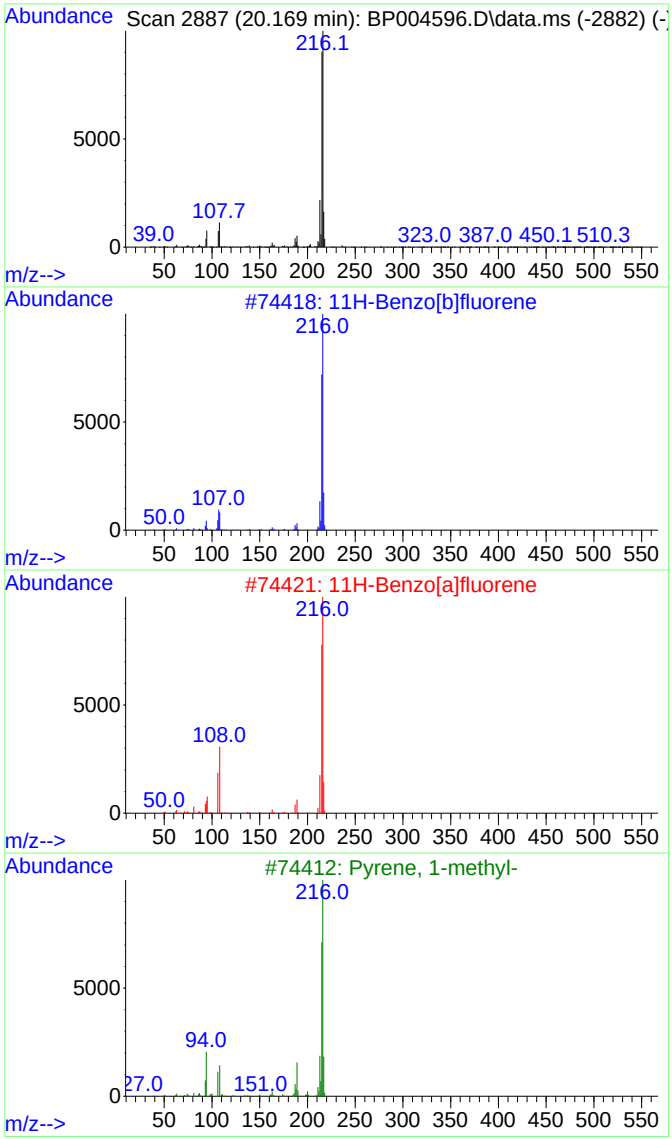
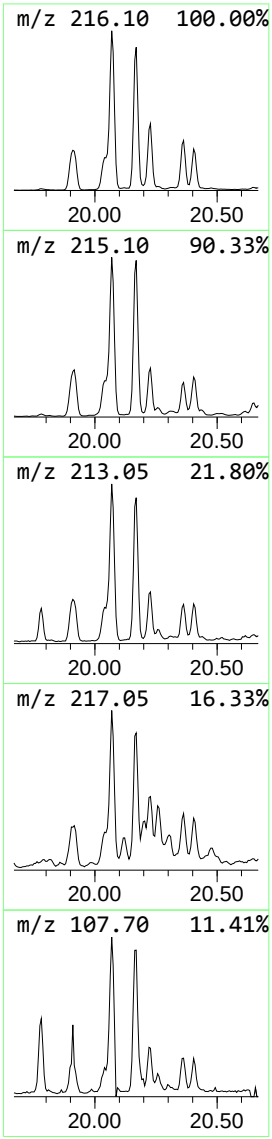
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.169	2.82 ng	1114680	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011521\
Data File : BP004596.D
Acq On : 16 Jan 2021 02:16
Operator : CG/JU
Sample : M1139-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-01-011421

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.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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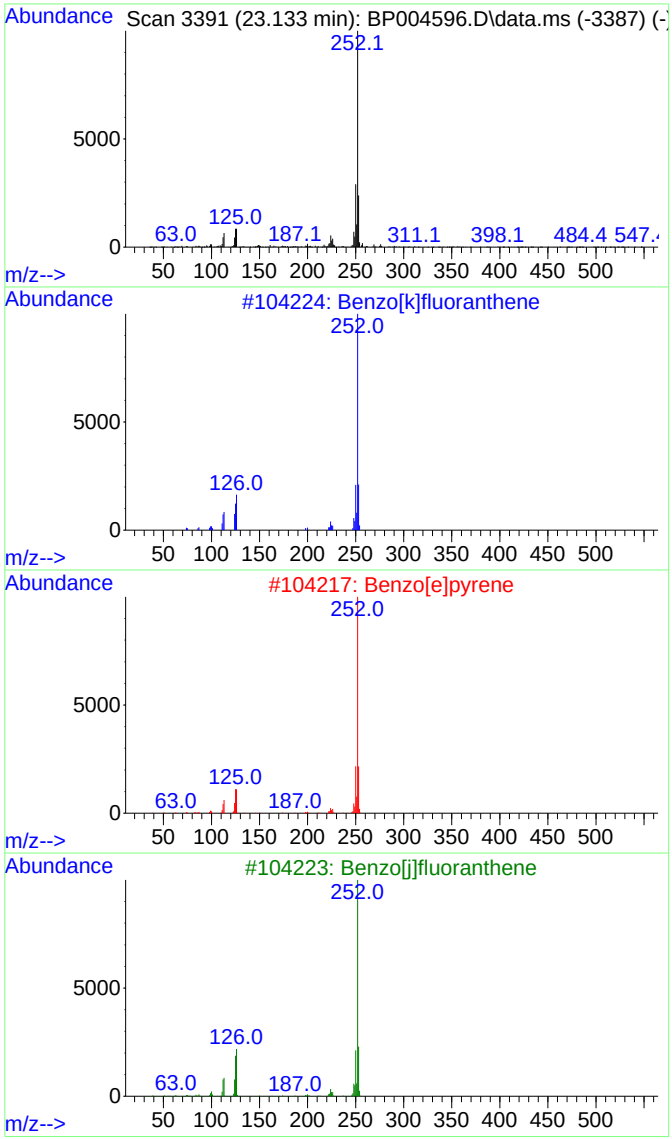
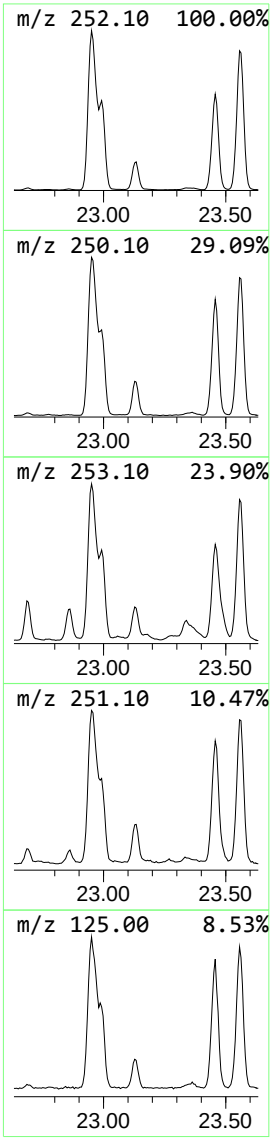
Peak Number 19 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.133	4.06 ng	658115	Perylene-d12	23.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011521\
Data File : BP004596.D
Acq On : 16 Jan 2021 02:16
Operator : CG/JU
Sample : M1139-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-011421

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.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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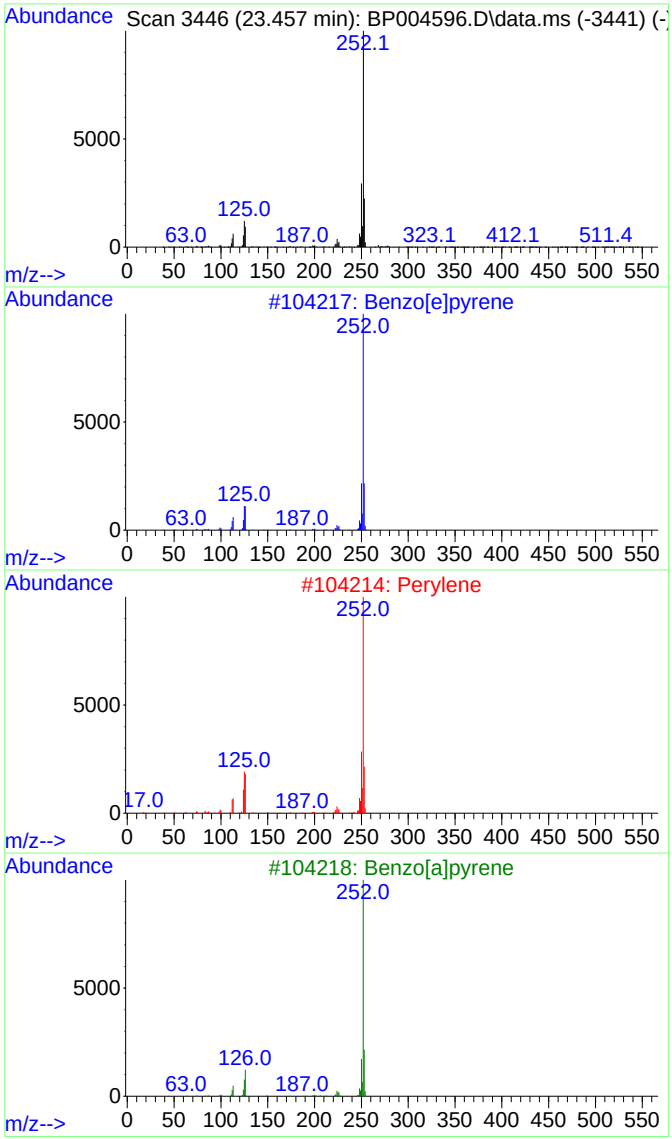
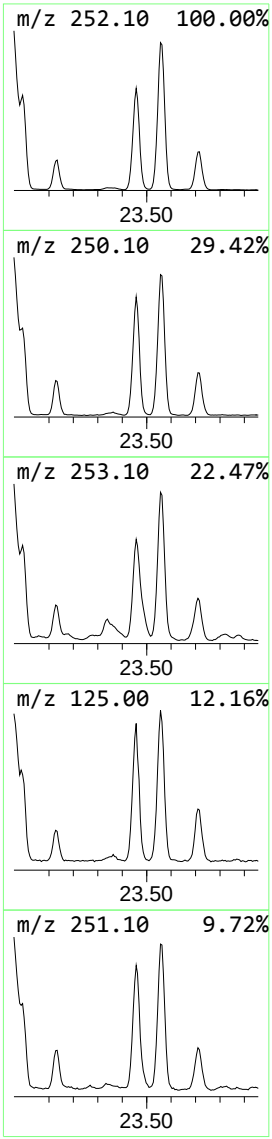
Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.457	14.84 ng	2405370	Perylene-d12	23.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011521\
Data File : BP004596.D
Acq On : 16 Jan 2021 02:16
Operator : CG/JU
Sample : M1139-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-01-011421

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.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
Benzene, 1-prop...	8.346	2.3	ng	136951	1	7.805	1186350	20.0
Tridecane	12.028	2.5	ng	229552	2	10.599	1832380	20.0
Tetradecane	13.281	2.3	ng	284531	3	14.457	2457900	20.0
Pentadecane	14.357	2.3	ng	280957	3	14.457	2457900	20.0
Tridecane, 7-pr...	16.181	3.0	ng	440402	4	17.216	2958210	20.0
Dibenzothiophene	17.034	2.6	ng	378715	4	17.216	2958210	20.0
Hexadecanoic ac...	17.887	6.5	ng	967267	4	17.216	2958210	20.0
Anthracene, 2-m...	18.086	4.2	ng	620306	4	17.216	2958210	20.0
Phenanthrene, 2...	18.134	4.9	ng	722590	4	17.216	2958210	20.0
4H-Cyclopenta[d...	18.281	8.5	ng	1253810	4	17.216	2958210	20.0
1H-Cyclopropa[l...	18.310	2.3	ng	339897	4	17.216	2958210	20.0
Naphthalene, 2-...	18.569	2.6	ng	382172	4	17.216	2958210	20.0
9,10-Anthracene...	18.616	2.2	ng	329482	4	17.216	2958210	20.0
Methyl 9-cis,11...	18.992	21.6	ng	3199960	4	17.216	2958210	20.0
9-Octadecenoic ...	19.022	19.8	ng	2924120	4	17.216	2958210	20.0
Methyl stearate	19.151	2.9	ng	425287	4	17.216	2958210	20.0
11H-Benzo[a]flu...	20.069	3.5	ng	1395830	5	21.310	7919070	20.0
11H-Benzo[b]flu...	20.169	2.8	ng	1114680	5	21.310	7919070	20.0
Benzo[e]pyrene	23.133	4.1	ng	658115	6	23.663	3242800	20.0
Perylene	23.457	14.8	ng	2405370	6	23.663	3242800	20.0