LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009623.D
Acq On : 30 Mar 2022 17:40
Operator : CG/JU
Sample : N2095-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-08-9.0-10.0

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009623.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.964	161	166	175	rVB	54447	95655	1.15%	0.109%
2	4.958	330	335	341	rBV2	72721	129411	1.56%	0.148%
3	5.346	393	401	427	rBV	2703780	5034101	60.53%	5.746%
4	5.769	467	473	481	rVB3	66000	121424	1.46%	0.139%
5	6.022	508	516	517	rBV3	47863	96819	1.16%	0.111%
6	6.140	529	536	544	rVB3	41817	104136	1.25%	0.119%
7	6.734	627	637	642	rBV7	33081	97371	1.17%	0.111%
8	6.928	657	670	683	rBV	1880275	3595025	43.23%	4.104%
9	7.734	800	807	815	rBV	616711	1112547	13.38%	1.270%
10	8.893	997	1004	1014	rBV	1219729	2287313	27.50%	2.611%
11	8.975	1014	1018	1027	rVB	62960	128633	1.55%	0.147%
12	9.099	1027	1039	1044	rVB	35725	116693	1.40%	0.133%
13	9.205	1045	1057	1068	rBV3	42365	142364	1.71%	0.163%
14	10.528	1274	1282	1289	rBV	833989	1611968	19.38%	1.840%
15	10.705	1308	1312	1318	rVB	82666	140461	1.69%	0.160%
16	11.375	1421	1426	1434	rBV3	65888	143508	1.73%	0.164%
17	11.569	1453	1459	1465	rBV	196172	395539	4.76%	0.452%
18	11.975	1522	1528	1536	rBV	140865	250494	3.01%	0.286%
19	12.199	1562	1566	1573	rVB2	93141	165280	1.99%	0.189%
20	12.334	1585	1589	1599	rBV4	50816	104648	1.26%	0.119%
21	12.416	1599	1603	1608	rVV	55263	90356	1.09%	0.103%
22	12.493	1612	1616	1621	rVB	74616	116989	1.41%	0.134%
23	12.787	1663	1666	1677	rVB5	43323	95832	1.15%	0.109%
24	12.934	1686	1691	1695	rVB	104627	144068	1.73%	0.164%
25	13.004	1695	1703	1719	rVB	5326052	8316311	100.00%	9.493%
26	13.222	1735	1740	1751	rVB2	197074	337524	4.06%	0.385%
27	13.663	1810	1815	1818	rBV	100105	145260	1.75%	0.166%
28	13.710	1818	1823	1827	rVV	123235	210100	2.53%	0.240%
29	13.757	1827	1831	1835	rVV2	113197	183921	2.21%	0.210%
30	13.804	1836	1839	1846	rVV3	74534	172947	2.08%	0.197%
31	13.881	1848	1852	1856	rVV2	122630	198381	2.39%	0.226%
32	13.940	1856	1862	1867	rVB3	66918	142128	1.71%	0.162%
33	14.110	1886	1891	1899	rVB2	65917	129122	1.55%	0.147%
34	14.298	1918	1923	1928	rVB	198993	285235	3.43%	0.326%
35	14.387	1929	1938	1944	rBV	1761690	2897802	34.84%	3.308%
36	14.446	1944	1948	1951	rBV4	54744	90271	1.09%	0.103%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009623.D
Acq On : 30 Mar 2022 17:40
Operator : CG/JU
Sample : N2095-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.616	1970	1977	1983	rVB5	54625	127114	1.53%	0.145%
38	14.793	2002	2007	2012	rBV2	135725	228100	2.74%	0.260%
39	14.869	2016	2020	2025	rVB	135051	212118	2.55%	0.242%
40	14.928	2026	2030	2036	rBV5	71091	146787	1.77%	0.168%
41	15.010	2039	2044	2049	rVV	108933	210146	2.53%	0.240%
42	15.063	2050	2053	2057	rVB	111204	150644	1.81%	0.172%
43	15.181	2068	2073	2078	rBV	99308	172064	2.07%	0.196%
44	15.257	2082	2086	2091	rVB	184130	240291	2.89%	0.274%
45	15.322	2093	2097	2101	rVV	100237	164007	1.97%	0.187%
46	15.369	2101	2105	2110	rVV	111275	165418	1.99%	0.189%
47	15.481	2120	2124	2130	rBV4	90949	152814	1.84%	0.174%
48	15.569	2135	2139	2143	rVB4	56441	92457	1.11%	0.106%
49	15.663	2151	2155	2161	rVV3	82083	142064	1.71%	0.162%
50	15.740	2163	2168	2177	rVB5	137454	288145	3.46%	0.329%
51	15.887	2186	2193	2202	rBV	3688944	5816880	69.95%	6.640%
52	16.051	2218	2221	2229	rVB7	57794	97475	1.17%	0.111%
53	16.128	2229	2234	2246	rVB2	295528	689016	8.29%	0.787%
54	16.222	2246	2250	2253	rBV	75572	91811	1.10%	0.105%
55	16.687	2325	2329	2333	rBV2	65716	115816	1.39%	0.132%
56	16.810	2345	2350	2357	rBV4	156107	308884	3.71%	0.353%
57	16.898	2358	2365	2366	rVV5	88388	192062	2.31%	0.219%
58	16.928	2367	2370	2374	rVV2	145903	221961	2.67%	0.253%
59	16.975	2375	2378	2385	rVB5	97130	169441	2.04%	0.193%
60	17.151	2402	2408	2412	rBV	1556054	2349378	28.25%	2.682%
61	17.192	2412	2415	2421	rVB	716358	996654	11.98%	1.138%
62	17.287	2427	2431	2436	rVB	125848	188459	2.27%	0.215%
63	17.345	2437	2441	2447	rBV3	135945	263919	3.17%	0.301%
64	17.469	2459	2462	2471	rVB2	225330	362715	4.36%	0.414%
65	17.563	2474	2478	2482	rBV3	70179	132443	1.59%	0.151%
66	17.669	2493	2496	2500	rVB2	120521	151992	1.83%	0.174%
67	17.739	2504	2508	2518	rVB3	198611	366533	4.41%	0.418%
68	17.839	2521	2525	2529	rBV	234141	323569	3.89%	0.369%
69	18.028	2552	2557	2560	rBV	389253	578229	6.95%	0.660%
70	18.069	2560	2564	2573	rVB3	1501611	2370010	28.50%	2.705%
71	18.210	2583	2588	2592	rBV2	413598	636650	7.66%	0.727%
72	18.251	2592	2595	2602	rVB	244784	359926	4.33%	0.411%
73	18.345	2606	2611	2614	rBV3	230825	374545	4.50%	0.428%
74	18.410	2619	2622	2627	rVB2	191166	274468	3.30%	0.313%
75	18.516	2635	2640	2644	rBV2	437188	655637	7.88%	0.748%
76	18.757	2678	2681	2686	rVB2	178472	214390	2.58%	0.245%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009623.D
Acq On : 30 Mar 2022 17:40
Operator : CG/JU
Sample : N2095-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-08-9.0-10.0

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	18.810	2686	2690	2693	rBV	250442	323430	3.89%	0.369%
78	18.845	2693	2696	2700	rVB	207387	256662	3.09%	0.293%
79	18.928	2705	2710	2713	rVV	502441	710211	8.54%	0.811%
80	18.981	2714	2719	2722	rVV2	294124	562994	6.77%	0.643%
81	19.016	2722	2725	2728	rVB	196710	222923	2.68%	0.254%
82	19.063	2729	2733	2739	rBV3	200476	382504	4.60%	0.437%
83	19.181	2748	2753	2760	rBV	1770008	2466569	29.66%	2.816%
84	19.245	2760	2764	2767	rVV	284613	381404	4.59%	0.435%
85	19.281	2767	2770	2771	rVV2	115873	137714	1.66%	0.157%
86	19.304	2771	2774	2781	rVB2	598604	840590	10.11%	0.960%
87	19.533	2804	2813	2822	rBV	1435792	2626974	31.59%	2.999%
88	19.610	2822	2826	2832	rVB2	297738	447677	5.38%	0.511%
89	19.733	2842	2847	2852	rBV	6451079	7921444	95.25%	9.042%
90	19.845	2862	2866	2876	rBV4	298635	723469	8.70%	0.826%
91	19.980	2886	2889	2892	rBV3	148474	211078	2.54%	0.241%
92	20.222	2927	2930	2933	rVB3	123504	139101	1.67%	0.159%
93	20.757	3018	3021	3027	rVB	471532	610417	7.34%	0.697%
94	20.992	3058	3061	3067	rVB3	415045	648988	7.80%	0.741%
95	21.269	3102	3108	3112	rBV2	2411589	4295196	51.65%	4.903%
96	21.304	3112	3114	3122	rVB	999717	1276047	15.34%	1.457%
97	21.386	3123	3128	3143	rBV	4414759	6641532	79.86%	7.581%
98	22.927	3385	3390	3395	rBV	756211	1731687	20.82%	1.977%
99	23.545	3491	3495	3502	rVB	651122	1264759	15.21%	1.444%
100	23.645	3507	3512	3519	rVV2	1267349	2555150	30.72%	2.917%

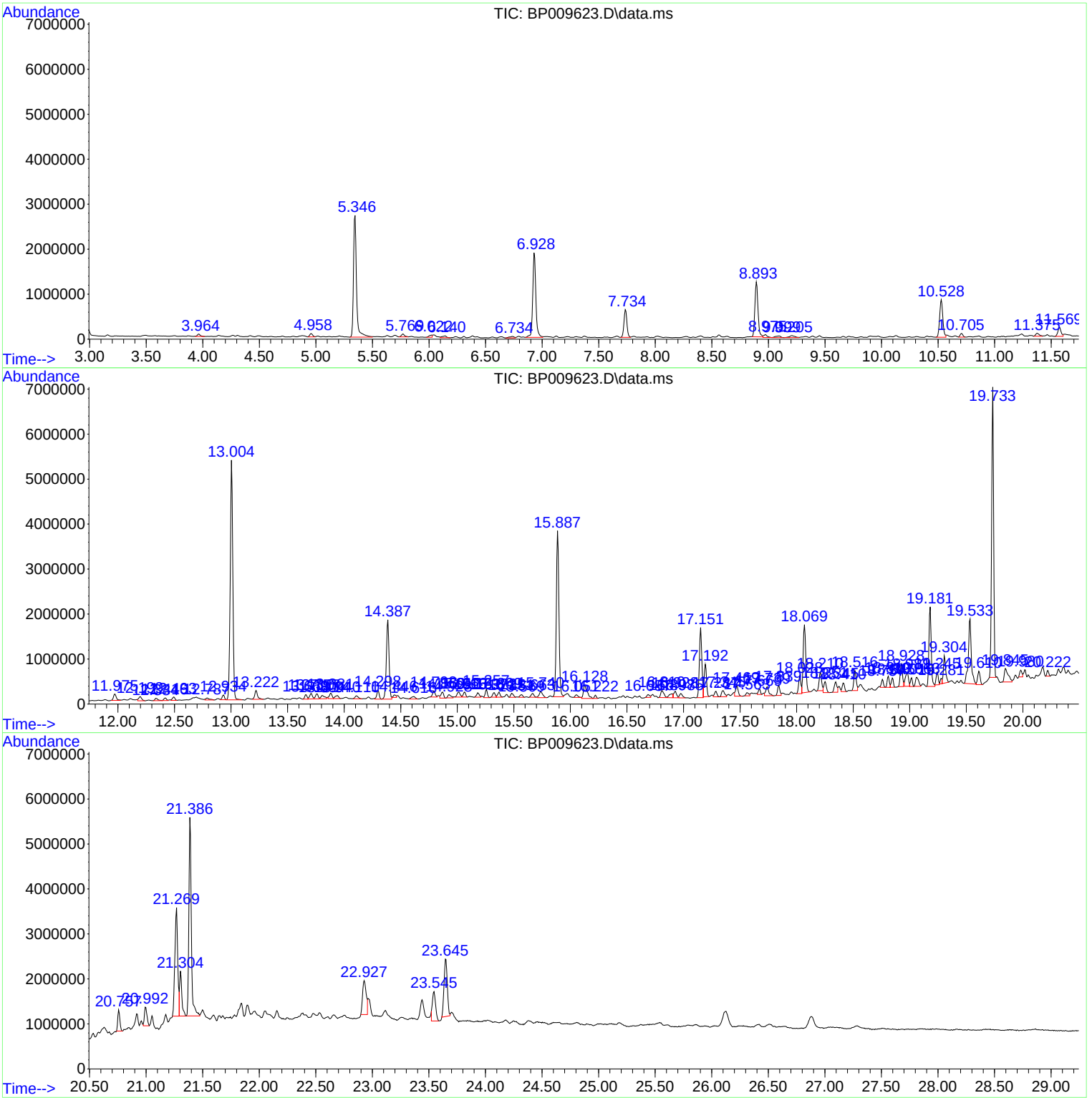
Sum of corrected areas: 87603189

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009623.D
Acq On : 30 Mar 2022 17:40
Operator : CG/JU
Sample : N2095-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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\BP033022\
Data File : BP009623.D
Acq On : 30 Mar 2022 17:40
Operator : CG/JU
Sample : N2095-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0

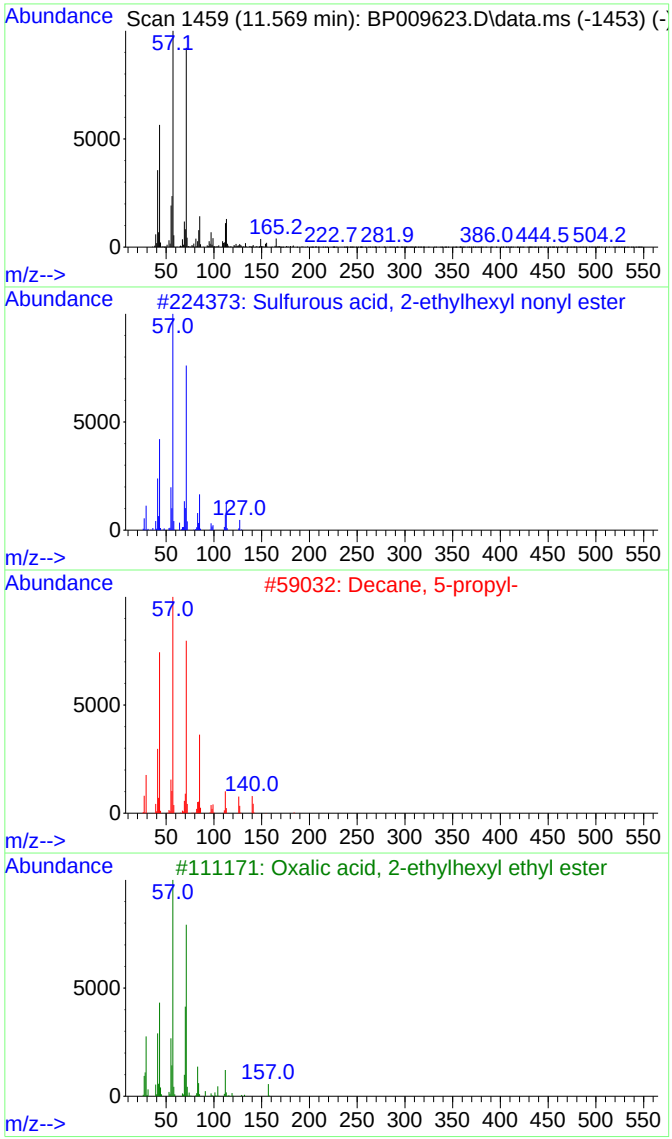
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

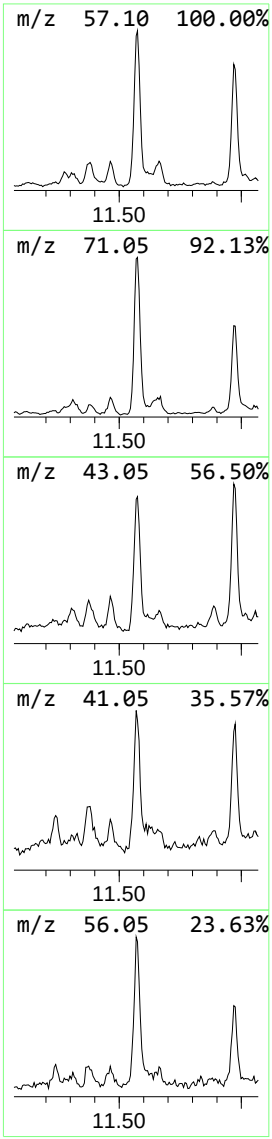
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Sulfurous acid, 2-ethylhexy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.569	4.91 ng	395539	Naphthalene-d8	10.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
2	Decane, 5-propyl-	184	C13H28	017312-62-8	59
3	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	53
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	47
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009623.D
Acq On : 30 Mar 2022 17:40
Operator : CG/JU
Sample : N2095-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

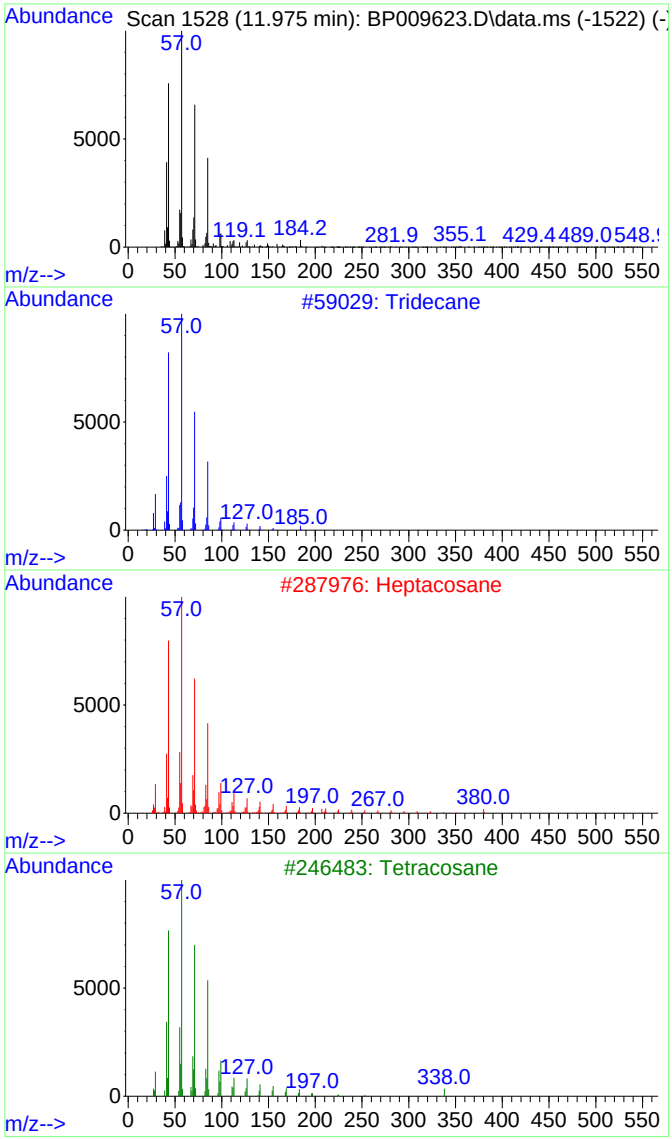
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

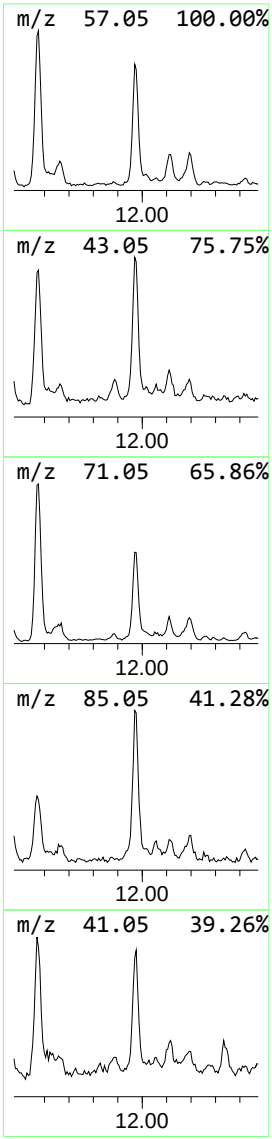
****

Peak Number 2 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	3.11 ng	250494	Naphthalene-d8	10.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Heptacosane	380	C27H56	000593-49-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Pentacosane	352	C25H52	000629-99-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009623.D
Acq On : 30 Mar 2022 17:40
Operator : CG/JU
Sample : N2095-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

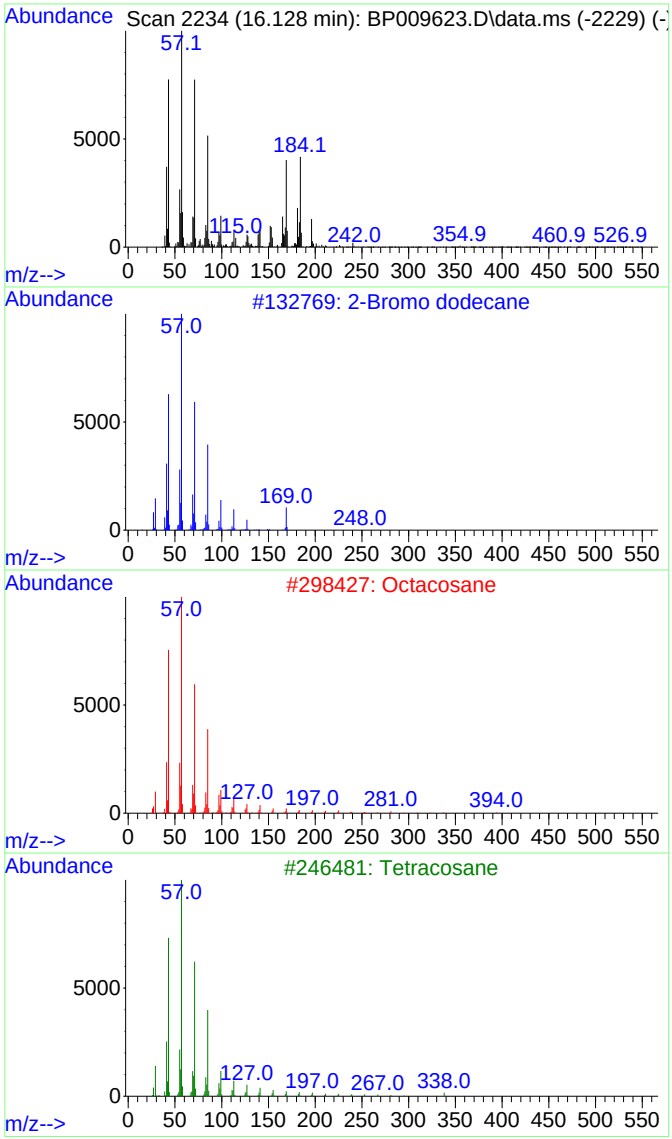
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

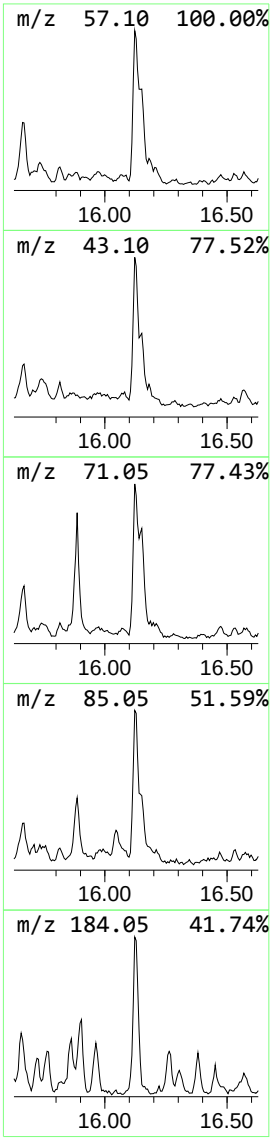
****

Peak Number 3 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.128	5.87 ng	689016	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	64
2	Octacosane	394	C28H58	000630-02-4	50
3	Tetracosane	338	C24H50	000646-31-1	46
4	Heneicosane	296	C21H44	000629-94-7	45
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009623.D
Acq On : 30 Mar 2022 17:40
Operator : CG/JU
Sample : N2095-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

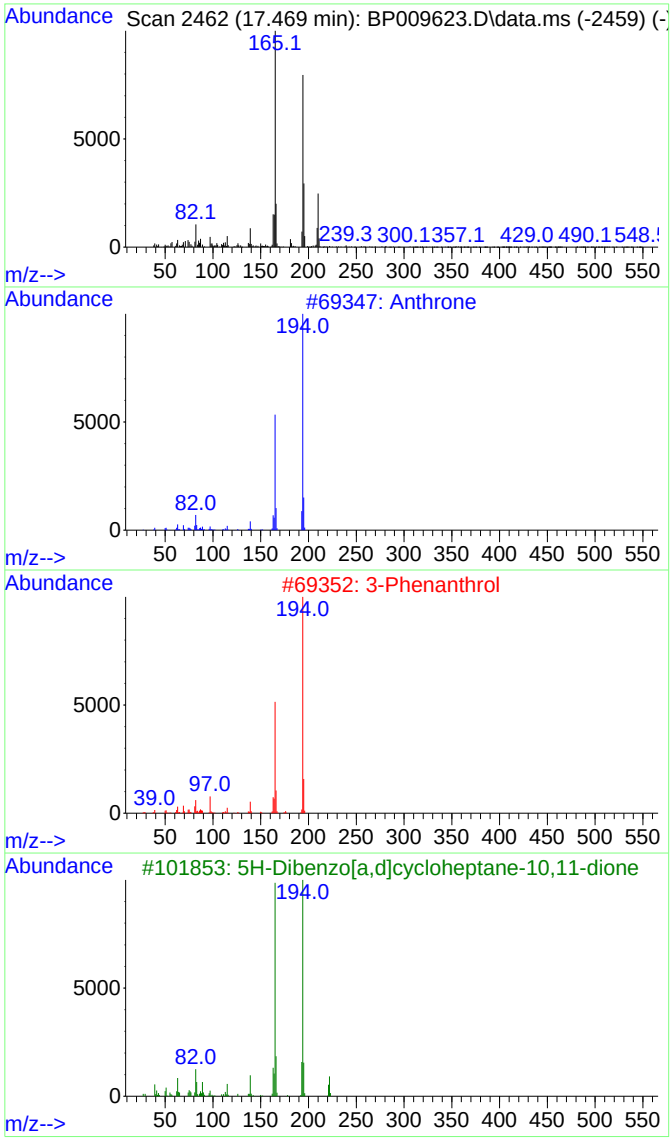
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

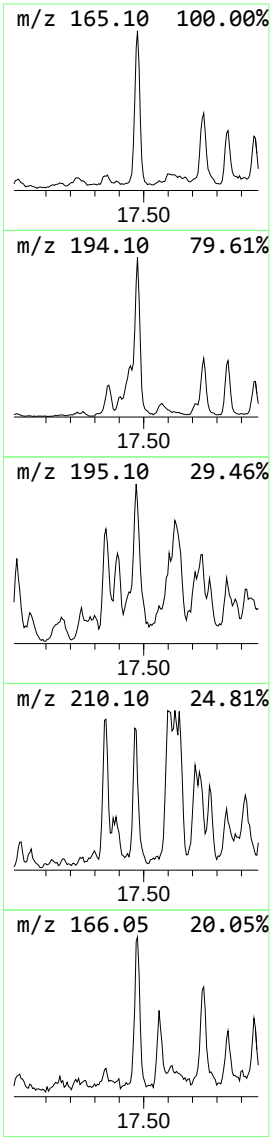
****

Peak Number 4 Anthrone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.469	3.09 ng	362715	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	81
2	3-Phenanthrol	194	C14H10O	000605-87-8	74
3	5H-Dibenzo[a,d]cycloheptane-10,1...	222	C15H10O2	052559-75-8	72
4	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	72
5	2,9b-Dihydrofurano[4,3,2-jk]fluo...	194	C14H10O	204396-15-6	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009623.D
Acq On : 30 Mar 2022 17:40
Operator : CG/JU
Sample : N2095-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

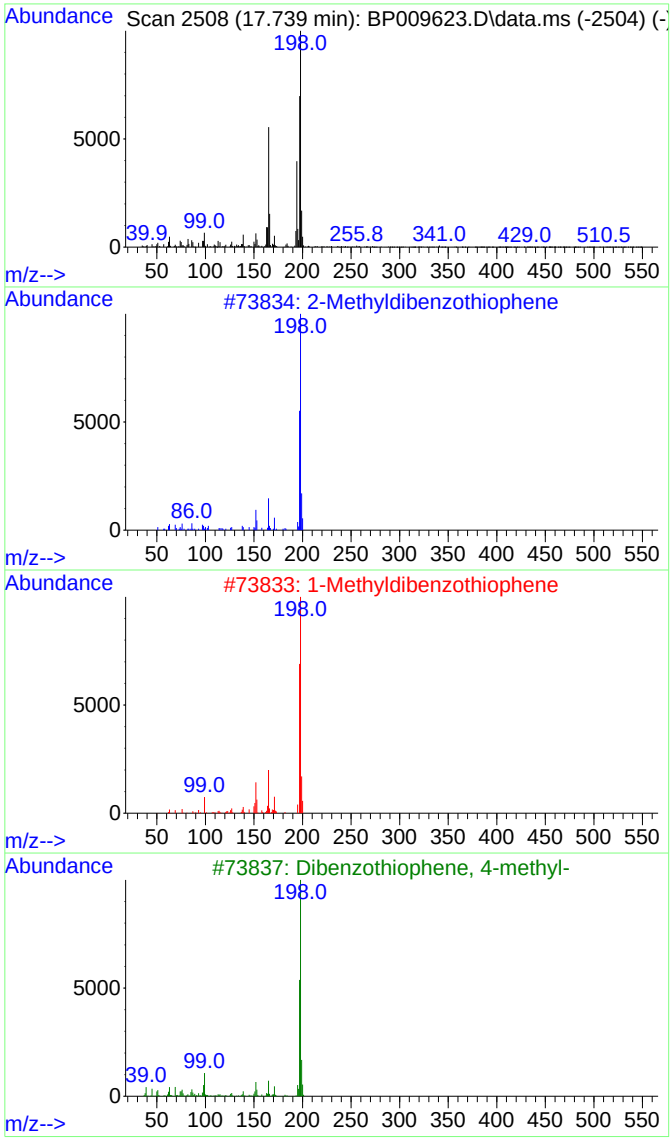
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

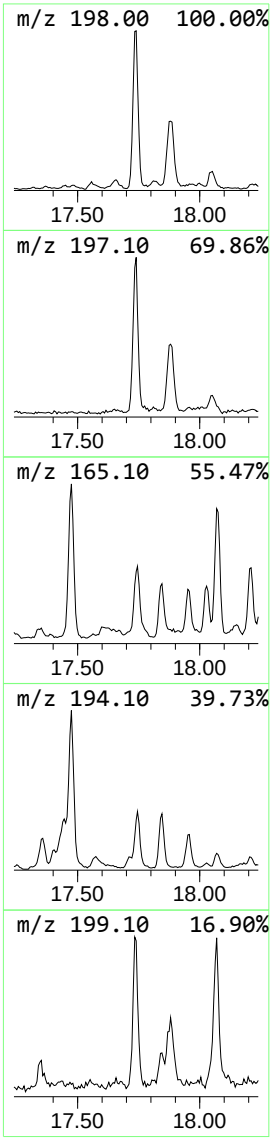
****

Peak Number 5 2-Methyldibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.740	3.12 ng	366533	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	68
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	53
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	46
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	45
5	Tacrine	198	C13H14N2	000321-64-2	43





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Data File : BP009623.D
Acq On : 30 Mar 2022 17:40
Operator : CG/JU
Sample : N2095-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-08-9.0-10.0

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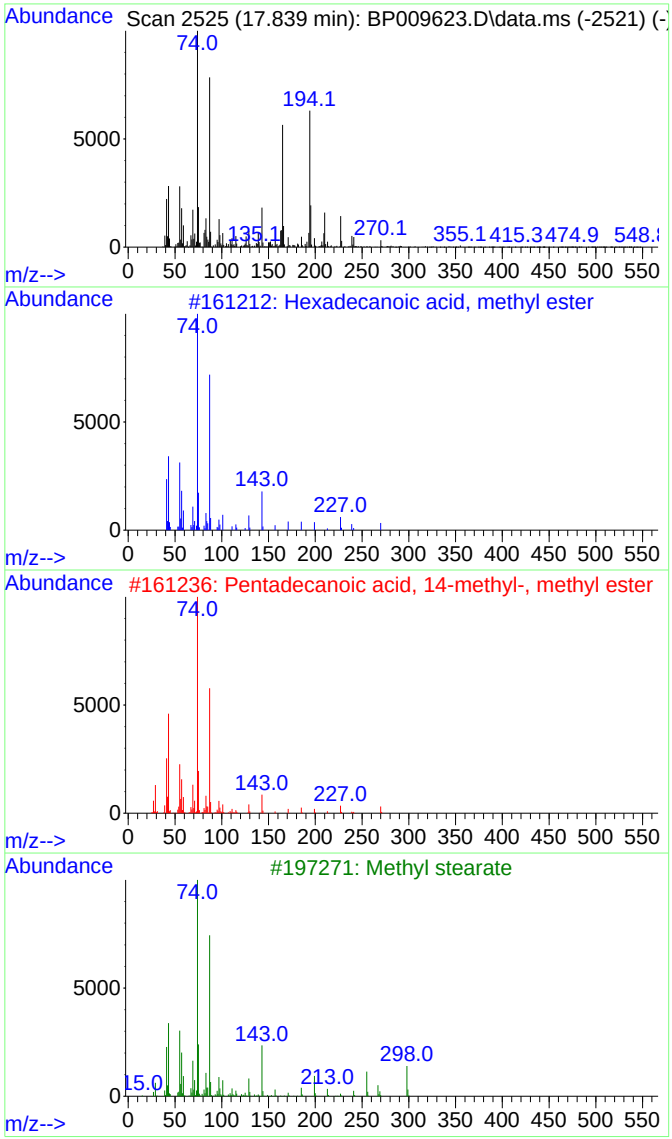
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

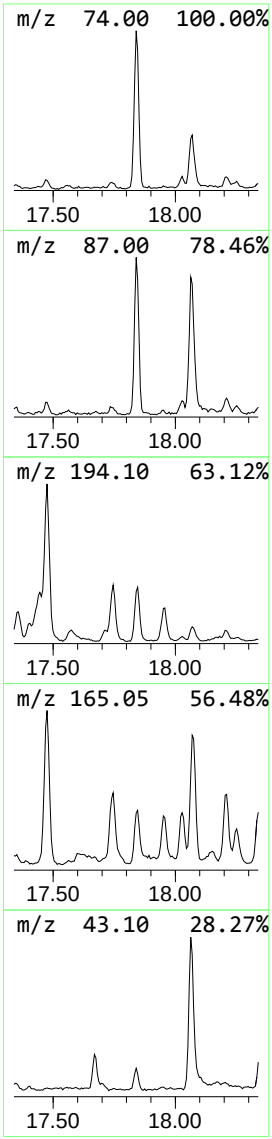
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.839	2.75 ng	323569	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	95
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
3	Methyl stearate	298	C19H38O2	000112-61-8	55
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	55
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	49





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Operator : CG/JU
Sample : N2095-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-08-9.0-10.0

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

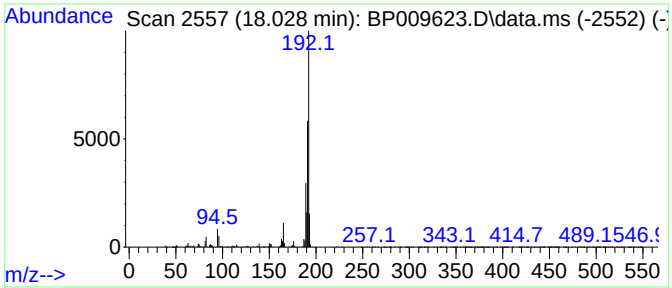
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

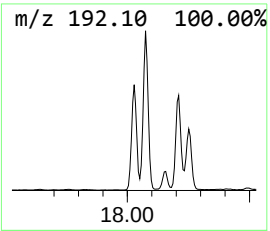
****

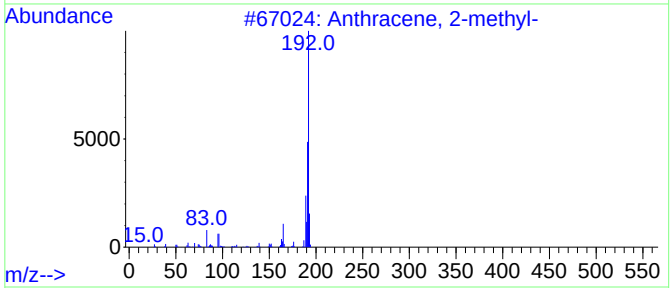
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 7

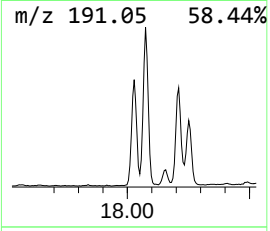
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.028	4.92 ng	578229	Phenanthrene-d10	17.151

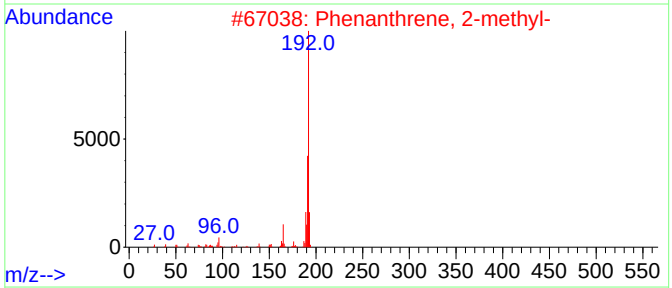
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94

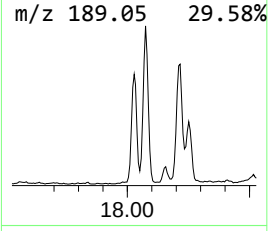


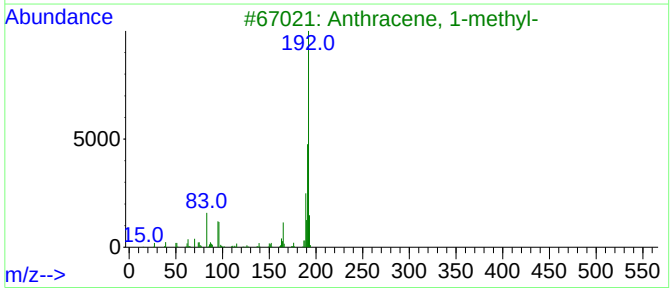


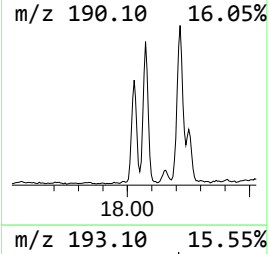


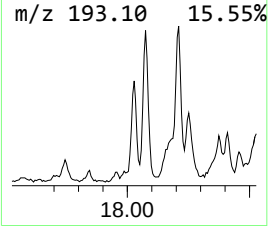












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Data File : BP009623.D
Acq On : 30 Mar 2022 17:40
Operator : CG/JU
Sample : N2095-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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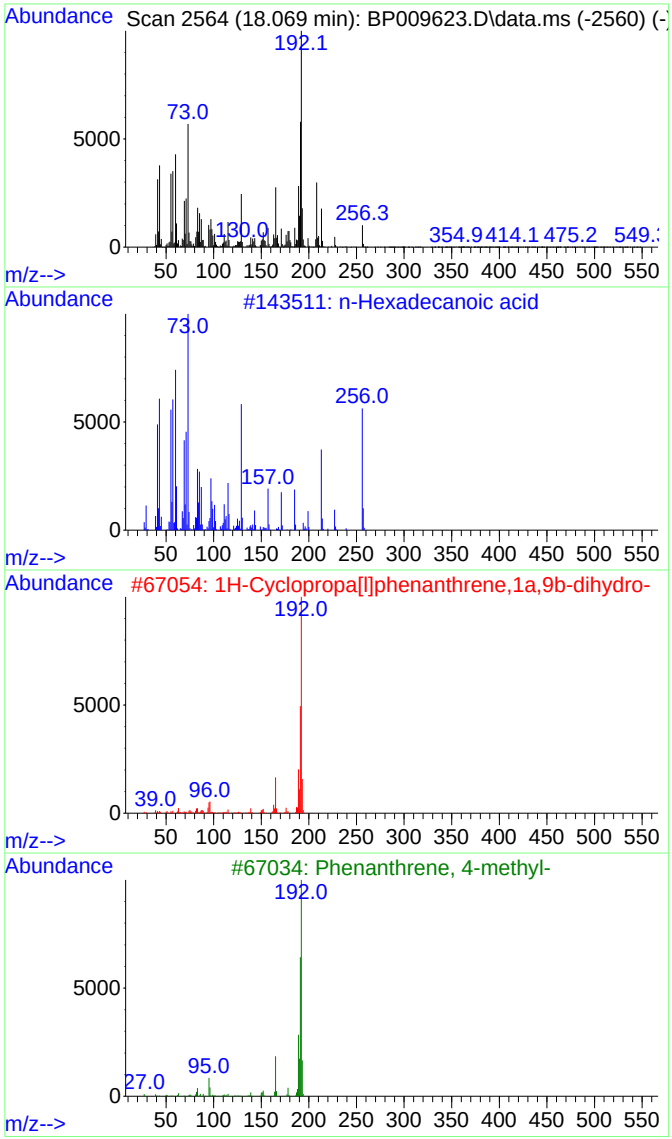
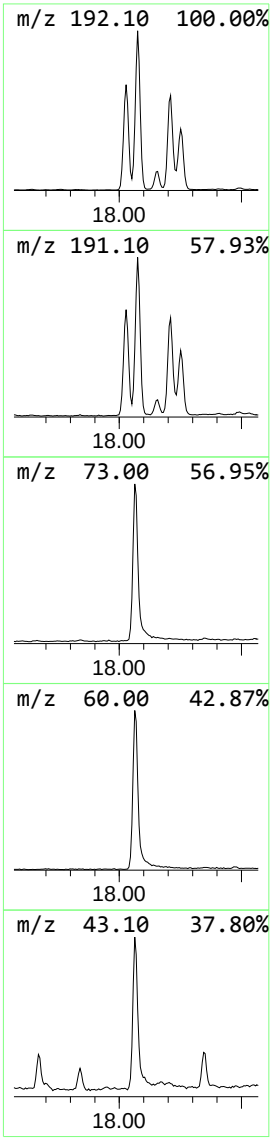
Peak Number 8 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	20.18 ng	2370010	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	89
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-08-9.0-10.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

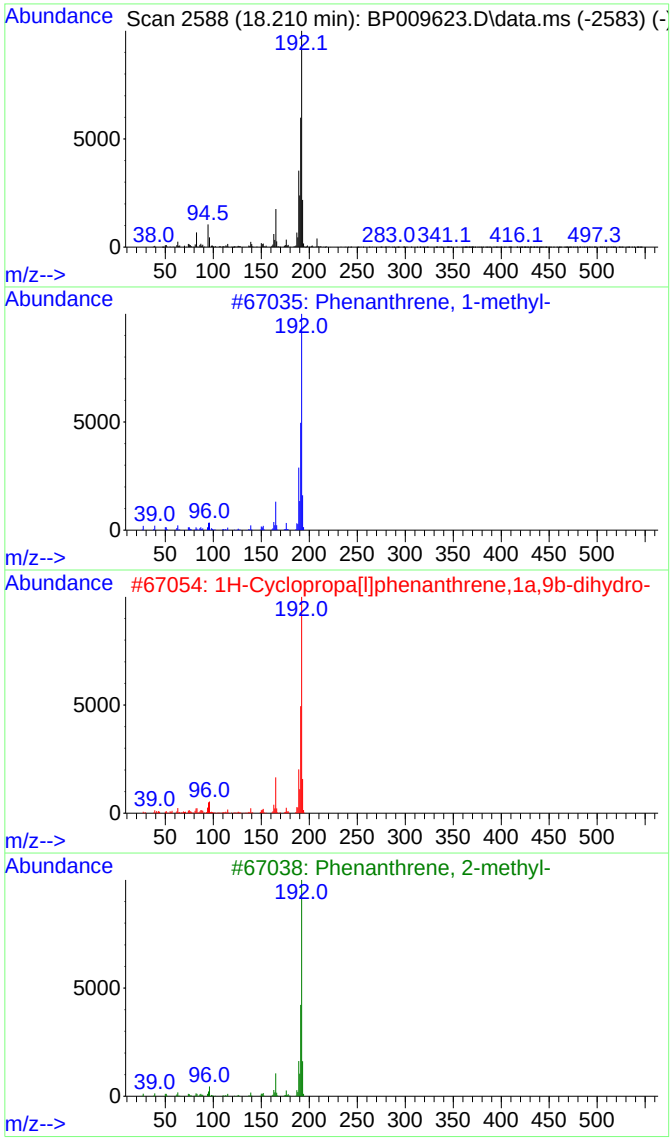
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

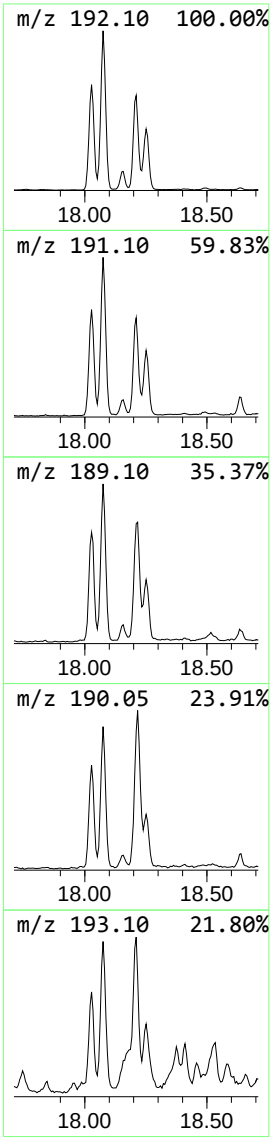
****

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	5.42 ng	636650	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	89





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Sample : N2095-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

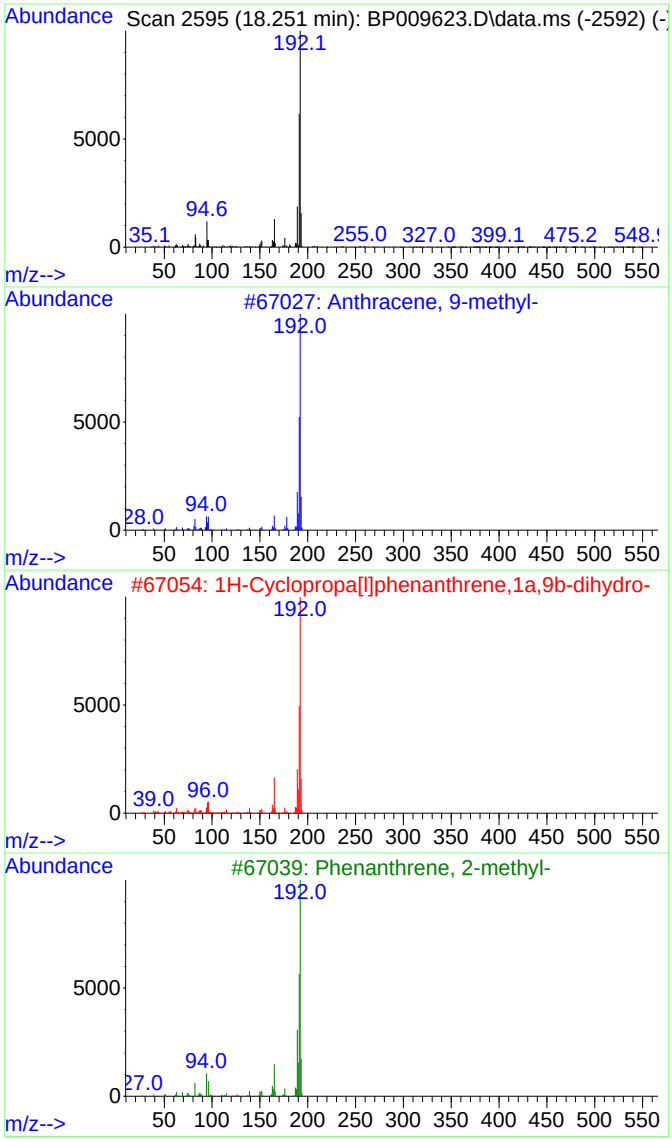
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

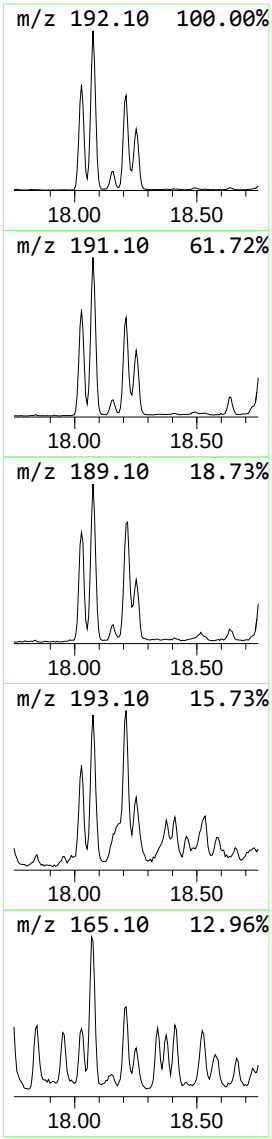
****

Peak Number 10 Anthracene, 9-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.251	3.06 ng	359926	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83





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Sample : N2095-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

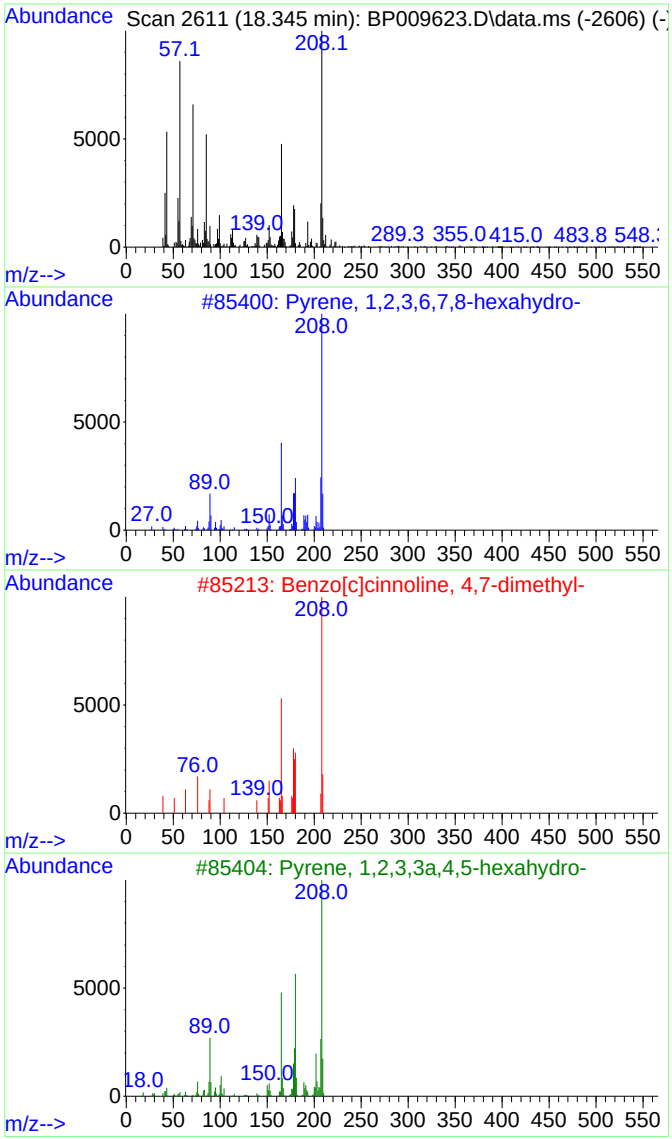
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

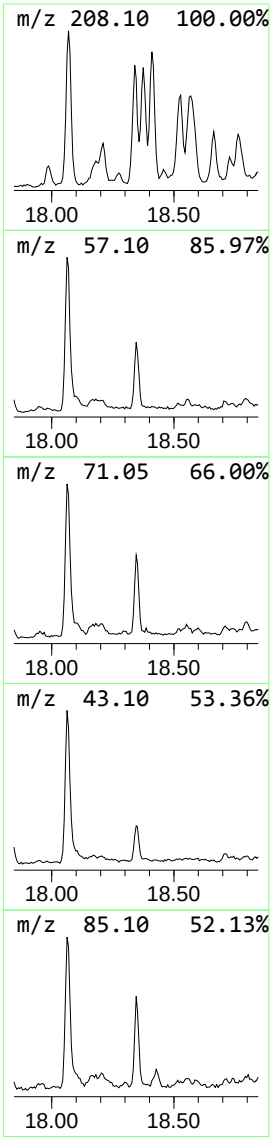
****

Peak Number 11 Pyrene, 1,2,3,6,7,8-hexahydro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	3.19 ng	374545	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1,2,3,6,7,8-hexahydro-	208	C16H16	001732-13-4	70
2	Benzo[c]cinnoline, 4,7-dimethyl-	208	C14H12N2	020684-54-2	64
3	Pyrene, 1,2,3,3a,4,5-hexahydro-	208	C16H16	005385-37-5	49
4	9H-Fluoren-9-one, 2,3-dimethyl-	208	C15H12O	004627-17-2	49
5	6-Methoxy-1,4-naphthalenedicarbo...	208	C13H8N2O	1000326-75-3	49





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Sample : N2095-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

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SB-08-9.0-10.0

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

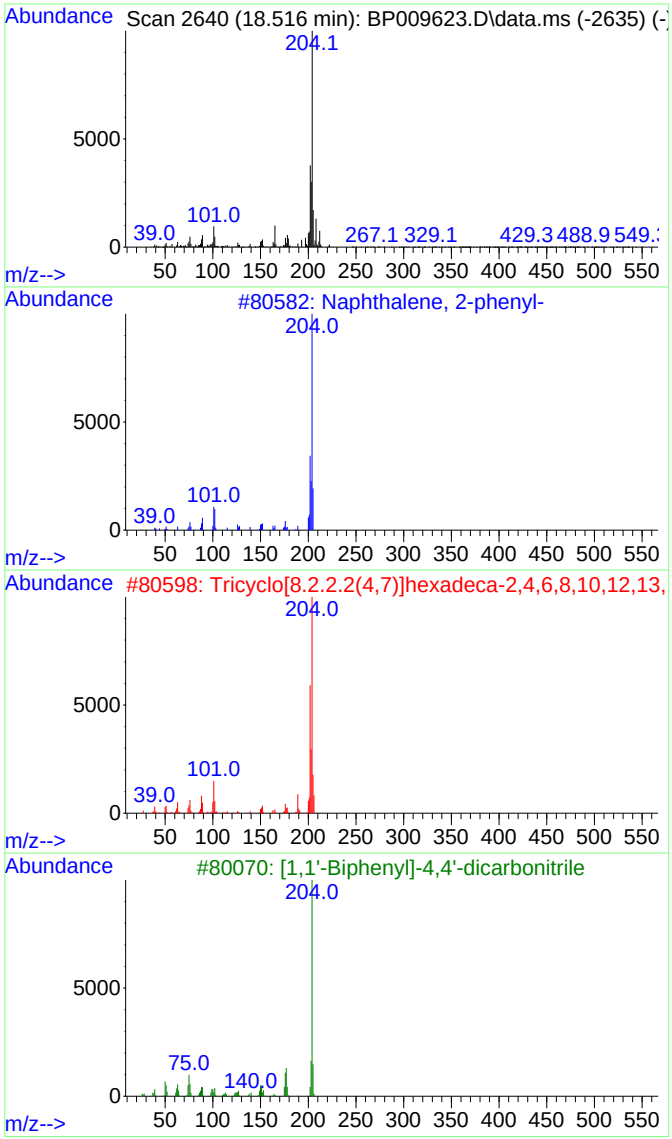
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

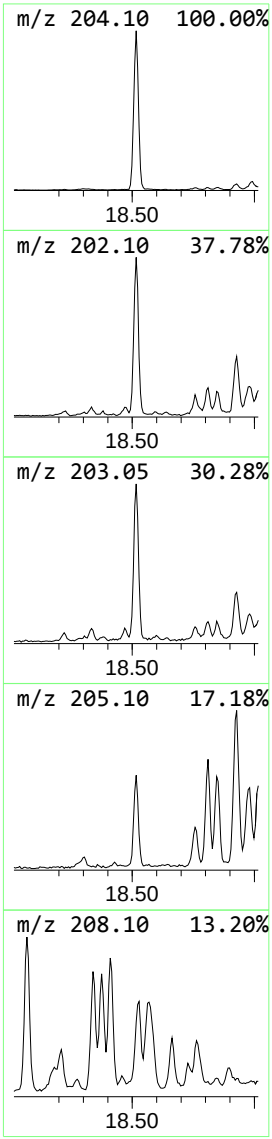
****

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.516	5.58 ng	655637	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47





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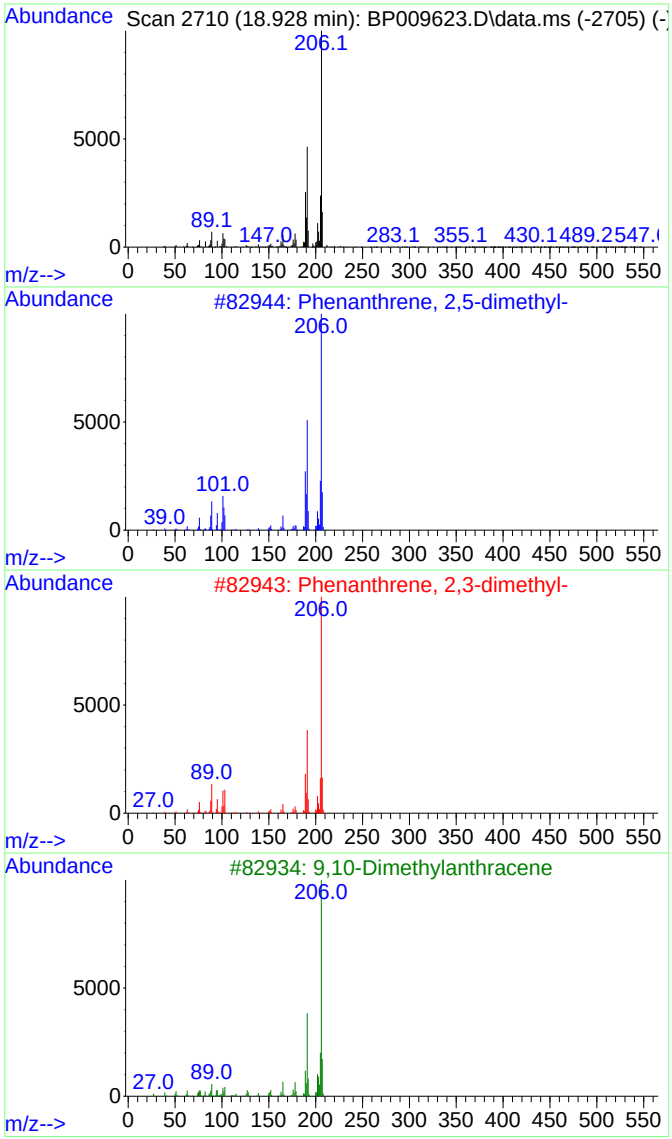
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

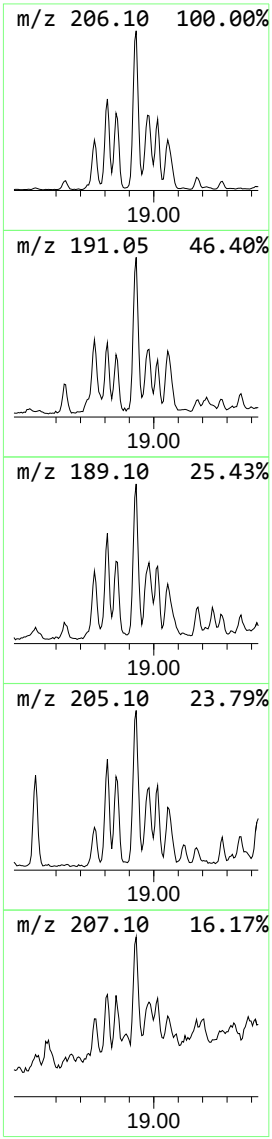
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.928	6.05 ng	710211	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	86





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Sample : N2095-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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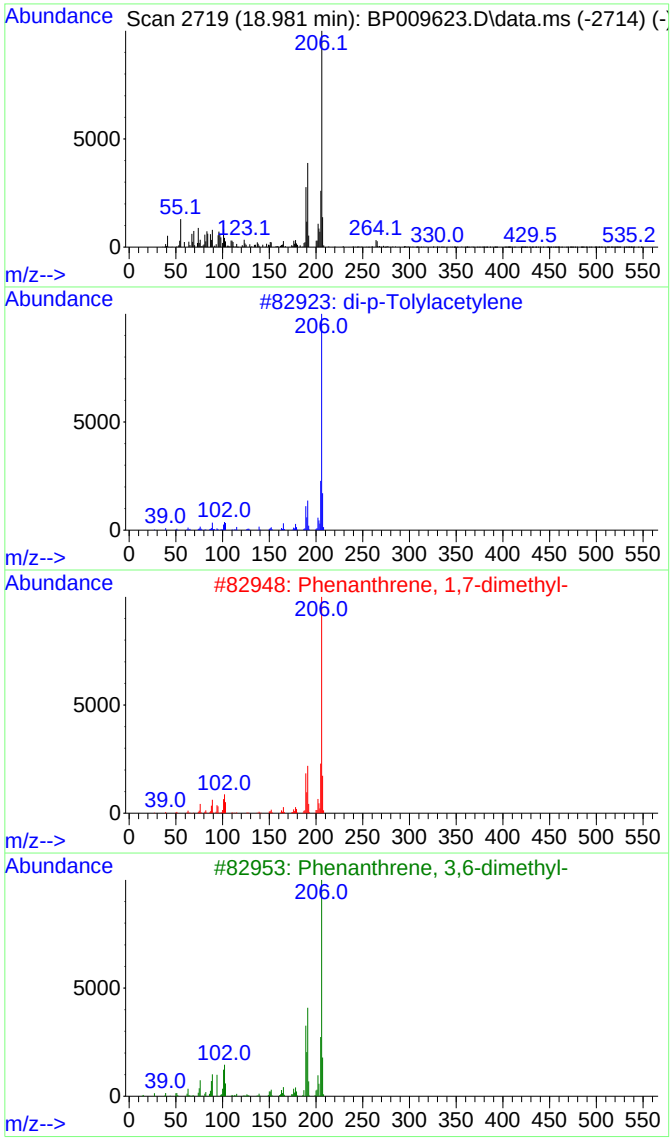
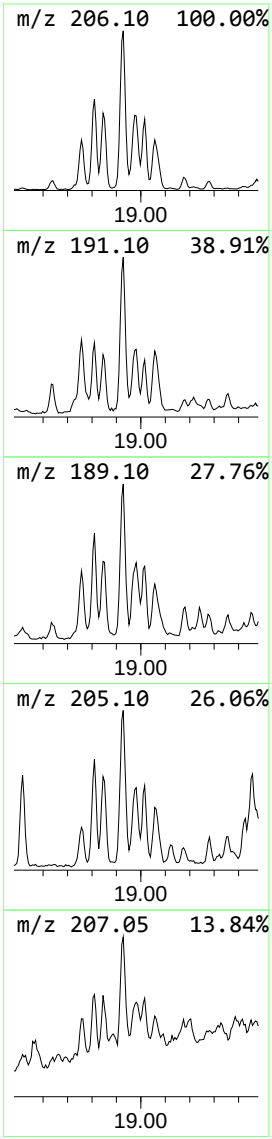
Peak Number 14 di-p-Tolylacetylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.981	4.79 ng	562994	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	81





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Sample : N2095-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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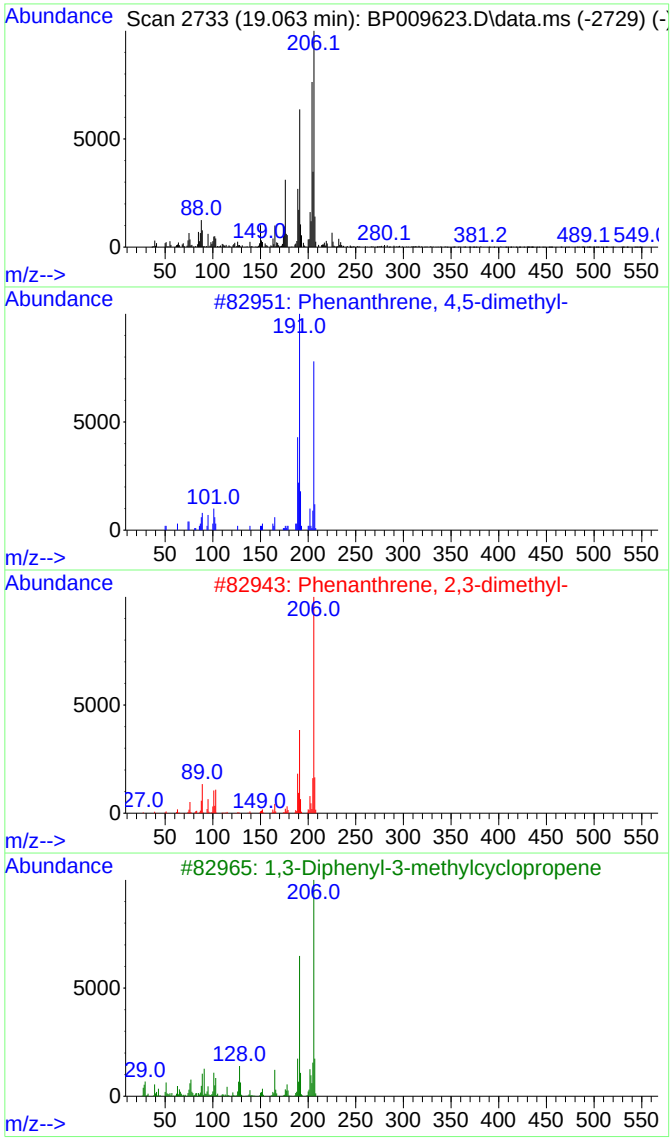
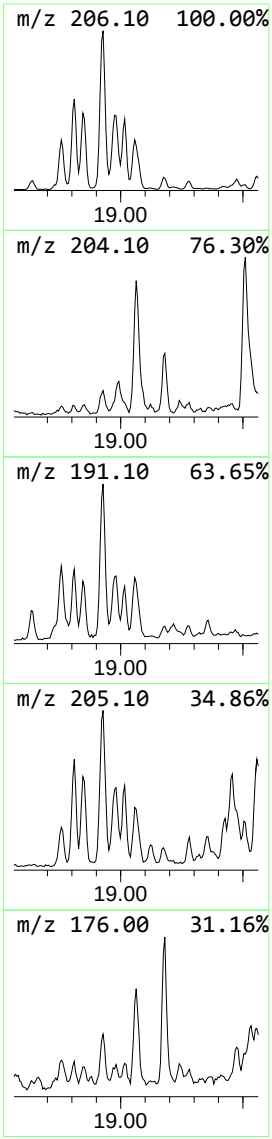
Peak Number 15 Phenanthrene, 4,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.063	3.26 ng	382504	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	70
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	60
3	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	60
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	60
5	Phenanthrene, 9,10-dimethyl-	206	C16H14	000604-83-1	55





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Data File : BP009623.D
Acq On : 30 Mar 2022 17:40
Operator : CG/JU
Sample : N2095-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

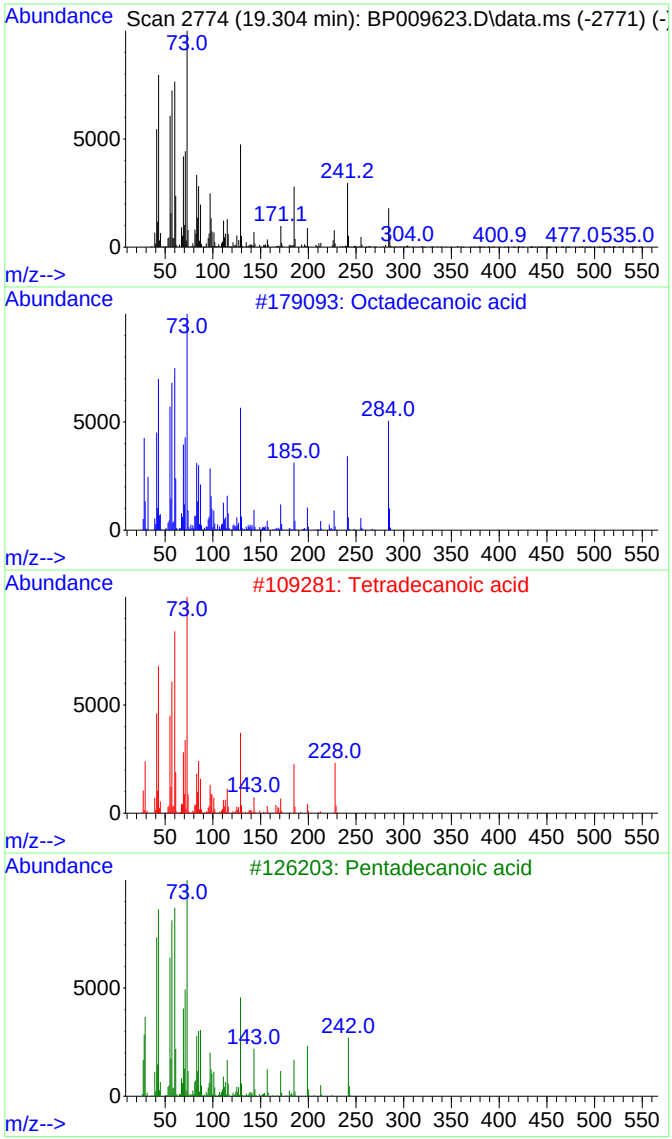
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

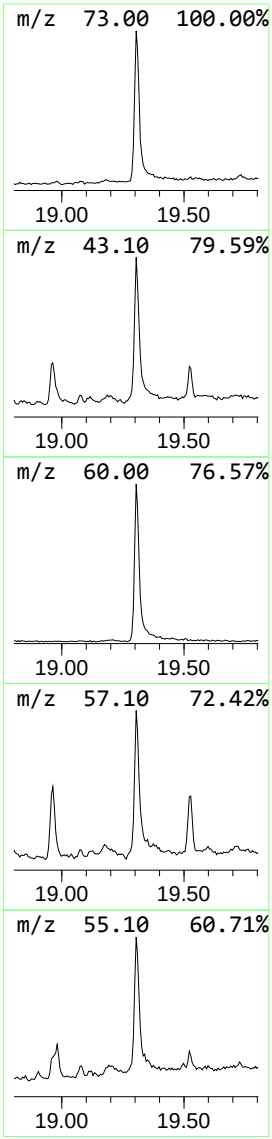
****

Peak Number 16 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.304	3.91 ng	840590	Chrysene-d12	21.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Data File : BP009623.D
Acq On : 30 Mar 2022 17:40
Operator : CG/JU
Sample : N2095-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

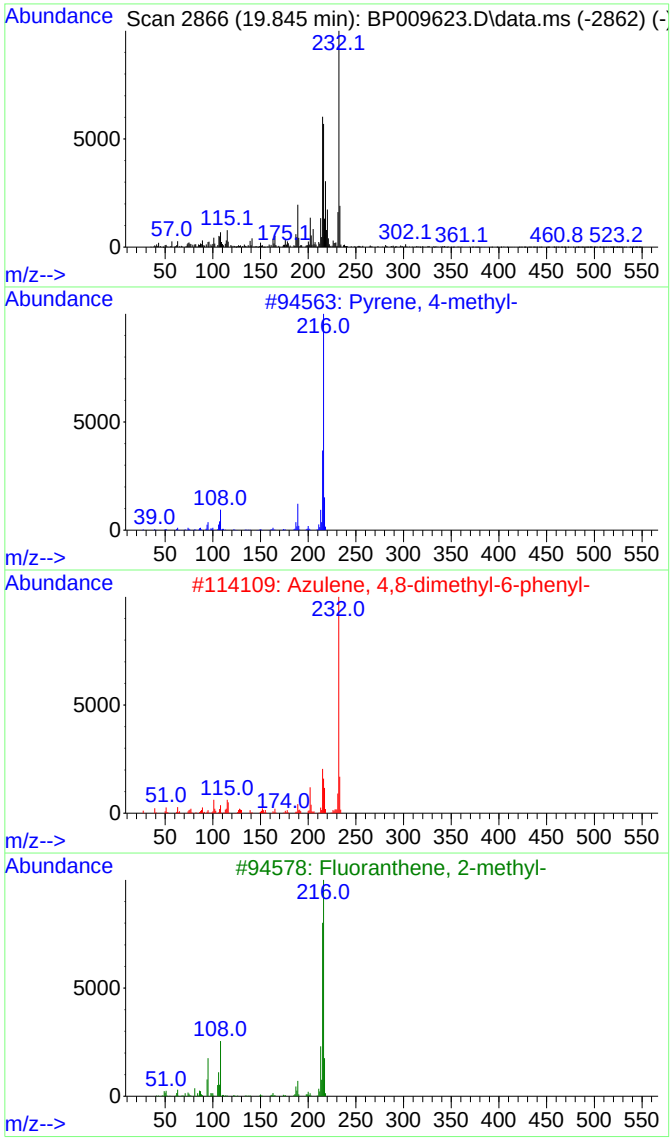
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

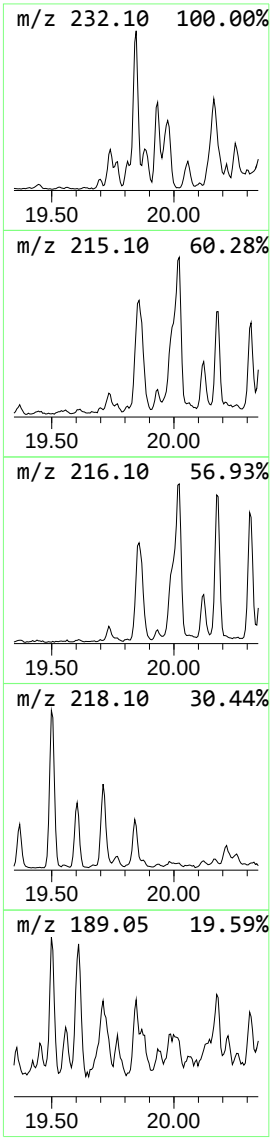
****

Peak Number 17 Pyrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.845	3.37 ng	723469	Chrysene-d12	21.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	72
2	Azulene, 4,8-dimethyl-6-phenyl-	232	C18H16	042758-88-3	49
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	42
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	42
5	4-Cyano-2-oxo-1H,5H,6H,7H,8H,9H-...	232	C12H12N2O3	1000435-89-5	38





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Data File : BP009623.D
Acq On : 30 Mar 2022 17:40
Operator : CG/JU
Sample : N2095-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0

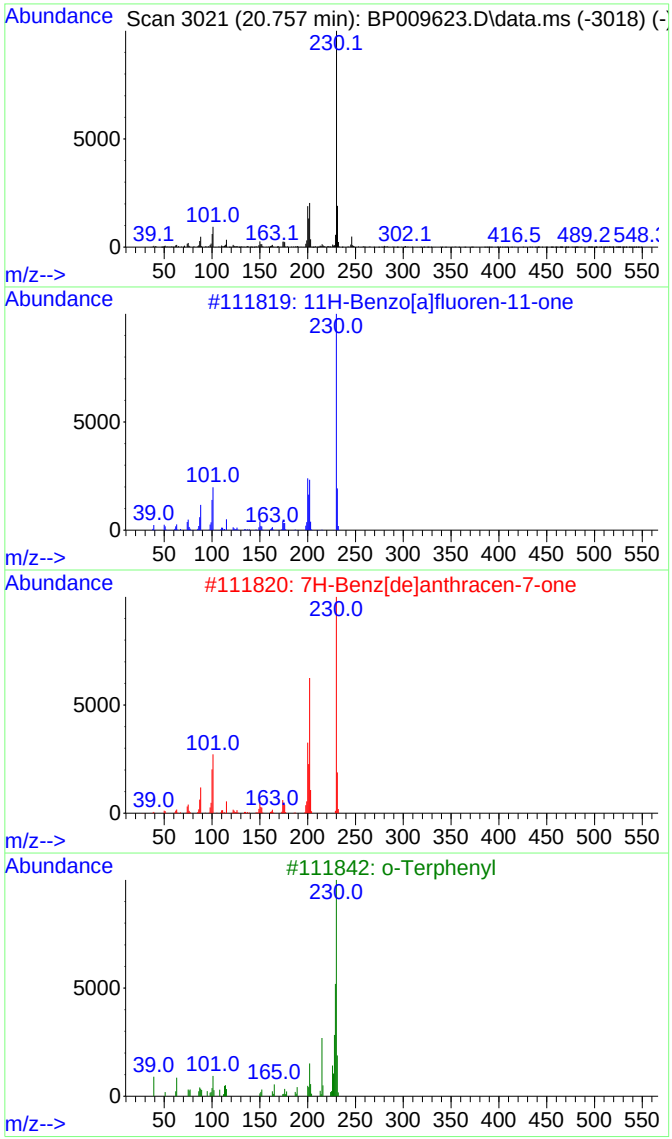
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

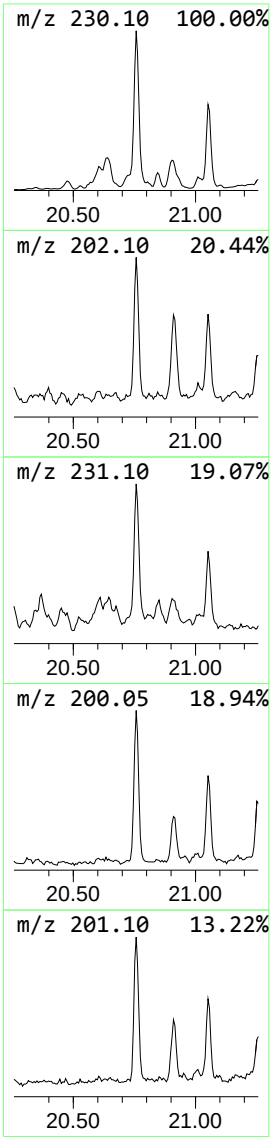
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.757	2.84 ng	610417	Chrysene-d12	21.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	o-Terphenyl	230	C18H14	000084-15-1	72
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	72
5	3H-pyrazol-3-one, 2-(1,3-dihydro...	230	C12H10N2O3	1000396-36-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009623.D
Acq On : 30 Mar 2022 17:40
Operator : CG/JU
Sample : N2095-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0

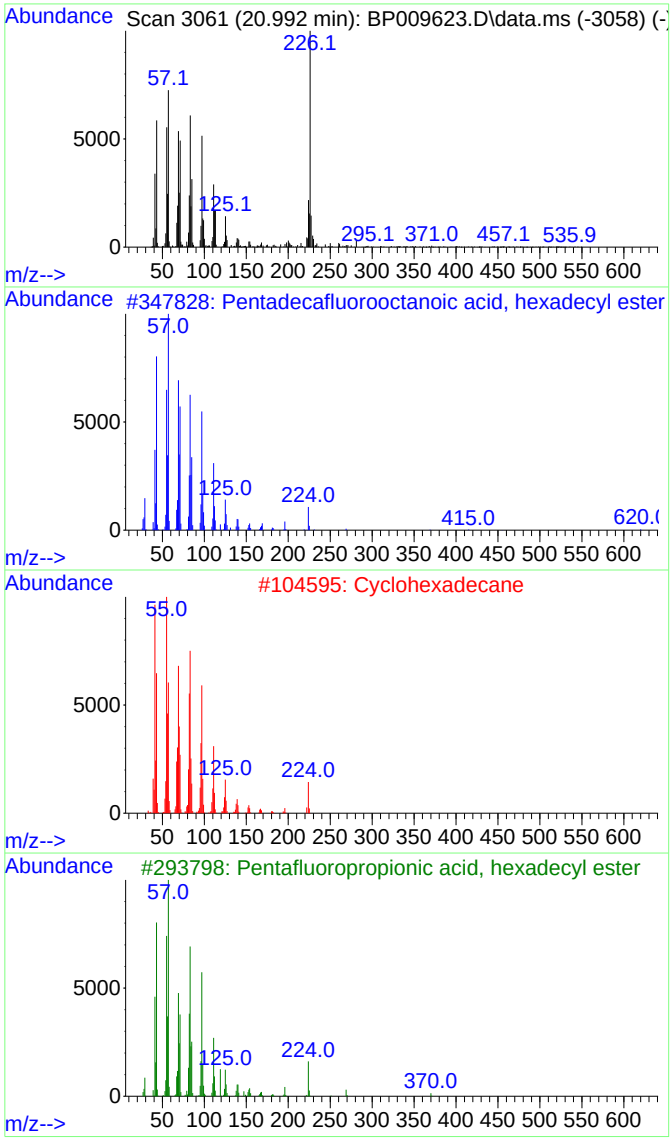
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

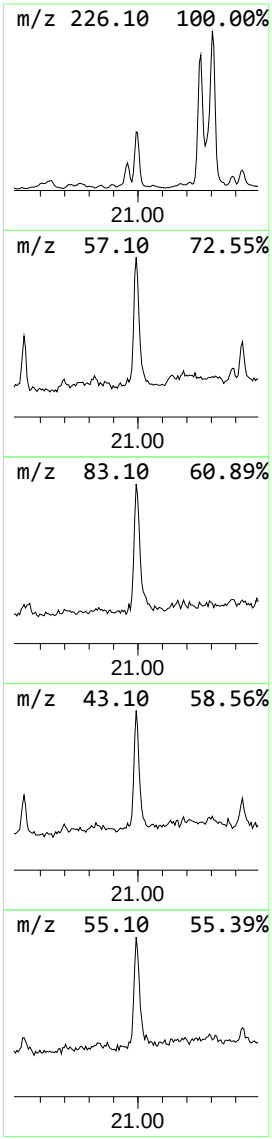
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Pentadecafluorooctanoic aci... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.992	3.02 ng	648988	Chrysene-d12	21.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	78
2	Cyclohexadecane	224	C16H32	000295-65-8	64
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	41
4	Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	41
5	Diheptylisobutylamine	269	C18H39N	1000310-32-0	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009623.D
Acq On : 30 Mar 2022 17:40
Operator : CG/JU
Sample : N2095-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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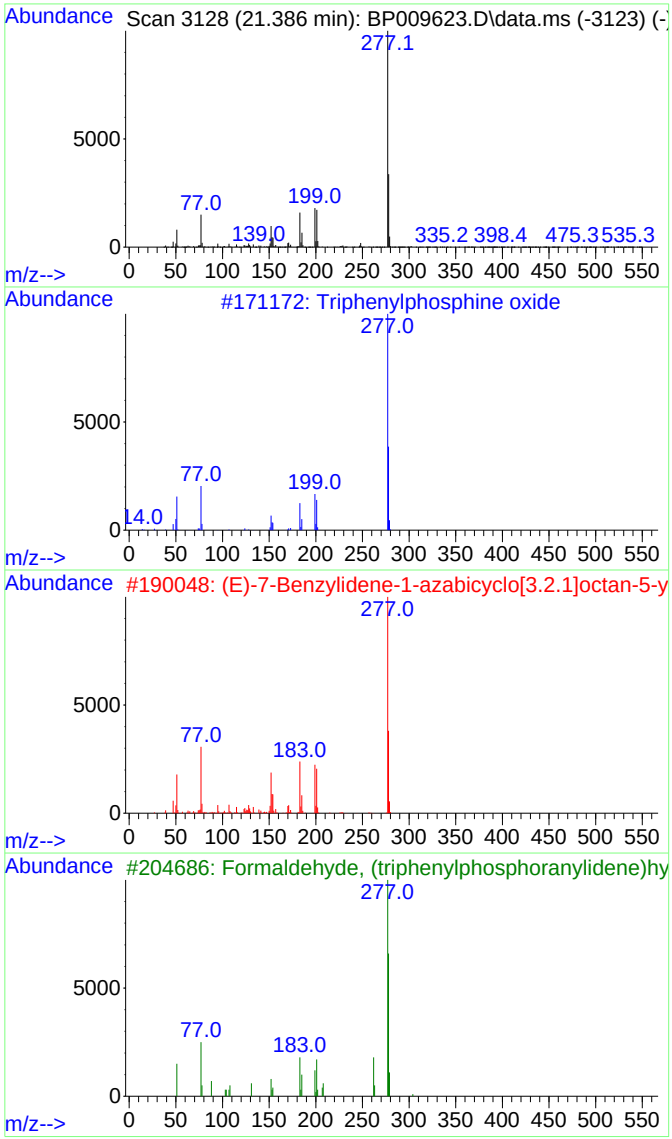
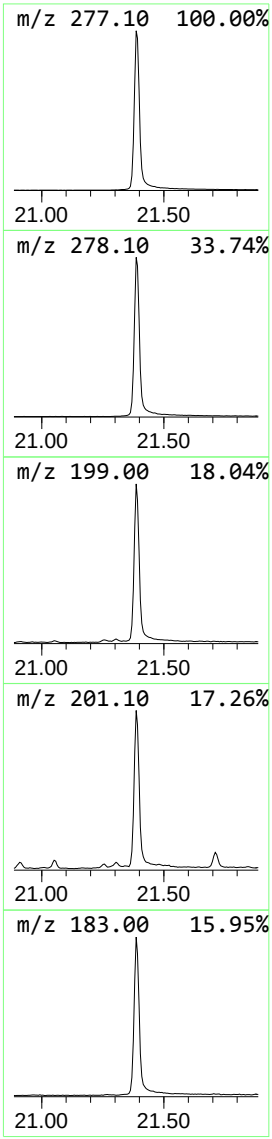
Peak Number 20 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.386	30.93 ng	6641530	Chrysene-d12	21.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	47
4	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	42
5	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009623.D
Acq On : 30 Mar 2022 17:40
Operator : CG/JU
Sample : N2095-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-08-9.0-10.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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
Sulfurous acid,...	11.569	4.9	ng	395539	2	10.528	1611970	20.0
Tridecane	11.975	3.1	ng	250494	2	10.528	1611970	20.0
2-Bromo dodecane	16.128	5.9	ng	689016	4	17.151	2349380	20.0
Anthrone	17.469	3.1	ng	362715	4	17.151	2349380	20.0
2-Methyldibenzo...	17.740	3.1	ng	366533	4	17.151	2349380	20.0
Hexadecanoic ac...	17.839	2.8	ng	323569	4	17.151	2349380	20.0
Anthracene, 2-m...	18.028	4.9	ng	578229	4	17.151	2349380	20.0
n-Hexadecanoic ...	18.069	20.2	ng	2370010	4	17.151	2349380	20.0
Phenanthrene, 1...	18.210	5.4	ng	636650	4	17.151	2349380	20.0
Anthracene, 9-m...	18.251	3.1	ng	359926	4	17.151	2349380	20.0
Pyrene, 1,2,3,6...	18.345	3.2	ng	374545	4	17.151	2349380	20.0
Naphthalene, 2-...	18.516	5.6	ng	655637	4	17.151	2349380	20.0
Phenanthrene, 2...	18.928	6.0	ng	710211	4	17.151	2349380	20.0
di-p-Tolylacety...	18.981	4.8	ng	562994	4	17.151	2349380	20.0
Phenanthrene, 4...	19.063	3.3	ng	382504	4	17.151	2349380	20.0
Octadecanoic acid	19.304	3.9	ng	840590	5	21.269	4295200	20.0
Pyrene, 4-methyl-	19.845	3.4	ng	723469	5	21.269	4295200	20.0
11H-Benzo[a]flu...	20.757	2.8	ng	610417	5	21.269	4295200	20.0
Pentadecafluoro...	20.992	3.0	ng	648988	5	21.269	4295200	20.0
Triphenylphosph...	21.386	30.9	ng	6641530	5	21.269	4295200	20.0