LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
Data File : BP009689.D
Acq On : 04 Apr 2022 20:56
Operator : CG/JU
Sample : N2239-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

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: BP009689.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.340	394	400	420	rBV	252720	540015	3.25%	0.340%
2	6.934	664	671	689	rBV	203889	534539	3.22%	0.336%
3	7.728	798	806	822	rBV	822017	1550716	9.34%	0.975%
4	8.893	998	1004	1027	rBV	142732	409365	2.47%	0.258%
5	10.516	1271	1280	1287	rBV	1101033	2142542	12.90%	1.348%
6	12.993	1694	1701	1717	rBV	548691	959231	5.78%	0.603%
7	13.699	1814	1821	1826	rBV	94695	184742	1.11%	0.116%
8	14.099	1881	1889	1901	rBV	101218	202668	1.22%	0.127%
9	14.251	1907	1915	1926	rBV2	59649	214602	1.29%	0.135%
10	14.375	1929	1936	1942	rVV	1768337	2915038	17.56%	1.834%
11	14.440	1942	1947	1956	rVB	781703	1302962	7.85%	0.820%
12	14.781	1998	2005	2014	rBV	489946	848773	5.11%	0.534%
13	15.428	2109	2115	2127	rBV	1126685	1833496	11.04%	1.153%
14	15.728	2161	2166	2176	rVB	248305	408402	2.46%	0.257%
15	15.881	2182	2192	2200	rBV	598398	1214237	7.31%	0.764%
16	16.116	2227	2232	2242	rVB2	91488	173484	1.04%	0.109%
17	16.445	2277	2288	2293	rBV2	216245	481614	2.90%	0.303%
18	16.675	2318	2327	2330	rBV2	120918	236579	1.42%	0.149%
19	16.798	2343	2348	2355	rVB	187334	314338	1.89%	0.198%
20	16.875	2355	2361	2366	rVV	138834	273096	1.64%	0.172%
21	16.957	2370	2375	2385	rVB	356191	602239	3.63%	0.379%
22	17.140	2399	2406	2409	rBV	2150587	3294087	19.84%	2.072%
23	17.181	2409	2413	2420	rVV	6508295	10048813	60.52%	6.321%
24	17.275	2420	2429	2436	rVV	2511071	4013614	24.17%	2.525%
25	17.345	2436	2441	2447	rVB2	115751	220381	1.33%	0.139%
26	17.557	2470	2477	2491	rBV	318199	683946	4.12%	0.430%
27	17.663	2491	2495	2503	rVV2	194271	345076	2.08%	0.217%
28	17.734	2503	2507	2515	rVB4	107070	228994	1.38%	0.144%
29	18.016	2547	2555	2559	rBV	688058	1078333	6.49%	0.678%
30	18.063	2559	2563	2570	rVB	1049646	1514242	9.12%	0.953%
31	18.145	2571	2577	2581	rBV	523448	766825	4.62%	0.482%
32	18.204	2581	2587	2591	rVV2	1878893	3063347	18.45%	1.927%
33	18.239	2591	2593	2602	rVB	480456	638308	3.84%	0.402%
34	18.504	2633	2638	2642	rBV	660544	882486	5.31%	0.555%
35	18.551	2642	2646	2653	rVB	406545	553570	3.33%	0.348%
36	18.745	2675	2679	2683	rVB2	138476	193964	1.17%	0.122%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
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Acq On : 04 Apr 2022 20:56
Operator : CG/JU
Sample : N2239-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

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	18.792	2683	2687	2690	rBV	141225	167613	1.01%	0.105%
38	18.834	2690	2694	2698	rVB	139502	190232	1.15%	0.120%
39	18.910	2702	2707	2711	rBV2	330363	559691	3.37%	0.352%
40	18.975	2712	2718	2721	rBV4	196427	313498	1.89%	0.197%
41	19.051	2726	2731	2739	rVV2	381781	705500	4.25%	0.444%
42	19.169	2744	2751	2758	rBV	11722088	16604467	100.00%	10.445%
43	19.234	2758	2762	2764	rVV	150063	205616	1.24%	0.129%
44	19.269	2764	2768	2772	rVB	256682	354880	2.14%	0.223%
45	19.404	2780	2791	2795	rBV2	319418	796034	4.79%	0.501%
46	19.522	2807	2811	2819	rVB	8730063	13022462	78.43%	8.191%
47	19.592	2819	2823	2830	rVB2	470631	732345	4.41%	0.461%
48	19.722	2836	2845	2849	rBV2	1139339	2314142	13.94%	1.456%
49	19.763	2849	2852	2858	rVB	313274	468014	2.82%	0.294%
50	19.839	2859	2865	2867	rBV	644018	1178194	7.10%	0.741%
51	19.898	2872	2875	2879	rVV	183667	242628	1.46%	0.153%
52	19.975	2883	2888	2890	rBV3	515641	869306	5.24%	0.547%
53	20.010	2890	2894	2899	rVB	1392130	2062717	12.42%	1.298%
54	20.110	2906	2911	2914	rBV	1061204	1449916	8.73%	0.912%
55	20.163	2914	2920	2925	rVB2	830734	1472288	8.87%	0.926%
56	20.245	2931	2934	2938	rVB	202422	264771	1.59%	0.167%
57	20.304	2939	2944	2947	rBV	377486	554615	3.34%	0.349%
58	20.345	2947	2951	2956	rVV3	440393	636650	3.83%	0.400%
59	20.563	2984	2988	2990	rBV4	115190	194362	1.17%	0.122%
60	20.710	3010	3013	3016	rBV	159113	211459	1.27%	0.133%
61	20.751	3016	3020	3025	rVV	643892	857869	5.17%	0.540%
62	20.910	3042	3047	3050	rBV2	705340	1076570	6.48%	0.677%
63	20.945	3050	3053	3056	rVV	905454	1197205	7.21%	0.753%
64	20.986	3056	3060	3066	rVV2	776656	1670981	10.06%	1.051%
65	21.045	3066	3070	3080	rVB	739625	1170196	7.05%	0.736%
66	21.251	3096	3105	3110	rBV2	6678758	13516237	81.40%	8.502%
67	21.298	3110	3113	3121	rVB	4568613	6016212	36.23%	3.784%
68	21.375	3122	3126	3130	rBV	1647533	2186215	13.17%	1.375%
69	21.416	3130	3133	3139	rVB	832997	1100502	6.63%	0.692%
70	21.475	3140	3143	3147	rBV2	363971	445593	2.68%	0.280%
71	21.586	3157	3162	3167	rBV2	549527	950483	5.72%	0.598%
72	21.769	3190	3193	3197	rBV2	267275	410779	2.47%	0.258%
73	21.828	3199	3203	3208	rVB	763245	1193680	7.19%	0.751%
74	22.039	3235	3239	3242	rBV	408754	656366	3.95%	0.413%
75	22.139	3252	3256	3261	rVB2	325012	579704	3.49%	0.365%
76	22.916	3381	3388	3393	rBV	3691602	9170719	55.23%	5.769%

LSC Area Percent Report

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Acq On : 04 Apr 2022 20:56
Operator : CG/JU
Sample : N2239-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

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	23.098	3414	3419	3425	rVB	711954	1270725	7.65%	0.799%
78	23.427	3469	3475	3485	rVB	1879330	4168362	25.10%	2.622%
79	23.533	3486	3493	3500	rVV	3245360	6664672	40.14%	4.192%
80	23.633	3504	3510	3515	rVV2	1792961	3929241	23.66%	2.472%
81	23.686	3516	3519	3529	rVB2	877912	1858851	11.19%	1.169%
82	26.104	3922	3930	3943	rVB	1490294	4893303	29.47%	3.078%
83	26.863	4051	4059	4079	rVB	990347	3550931	21.39%	2.234%

Sum of corrected areas: 158975460

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
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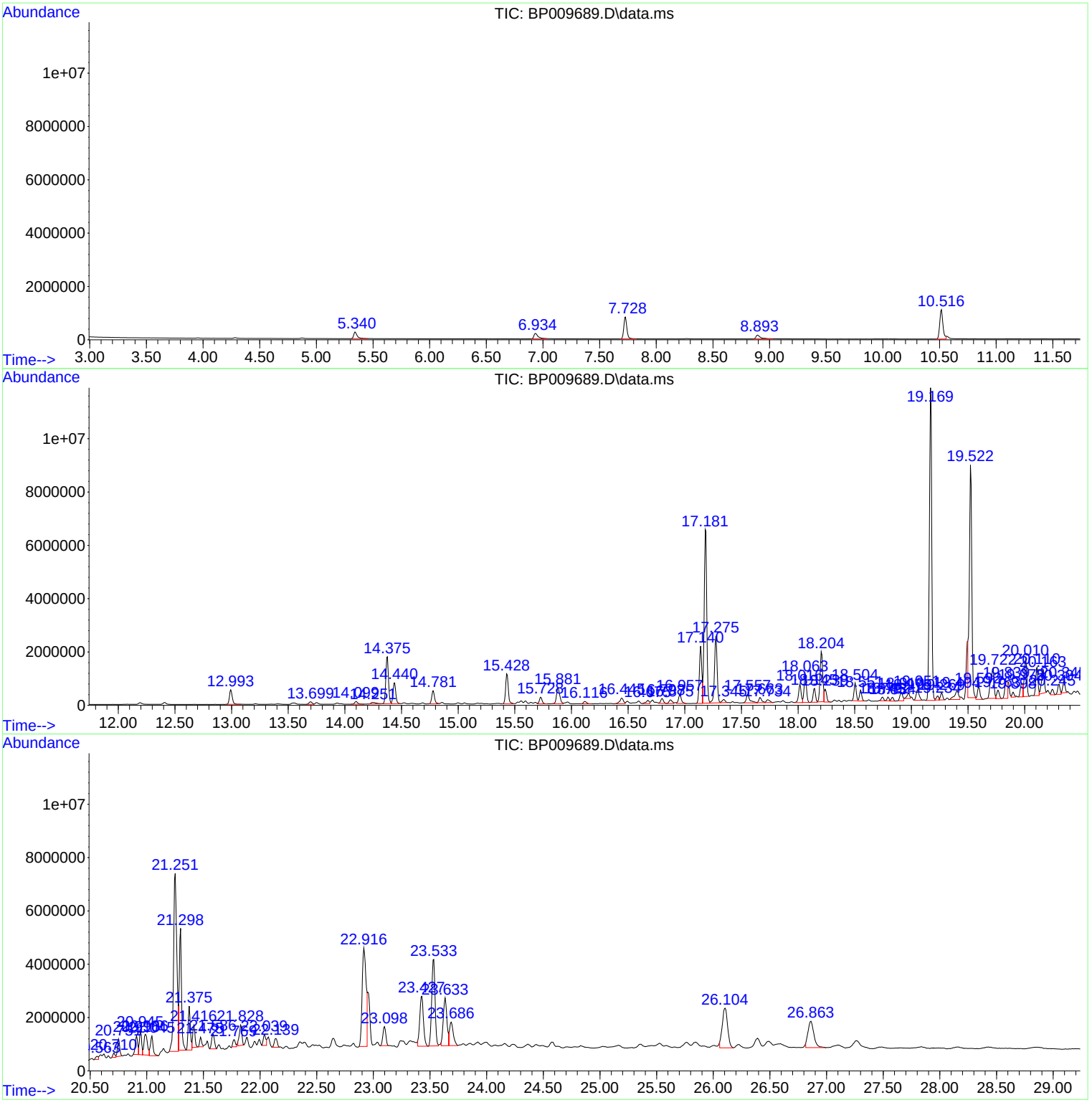
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

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\BP040422\
Data File : BP009689.D
Acq On : 04 Apr 2022 20:56
Operator : CG/JU
Sample : N2239-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

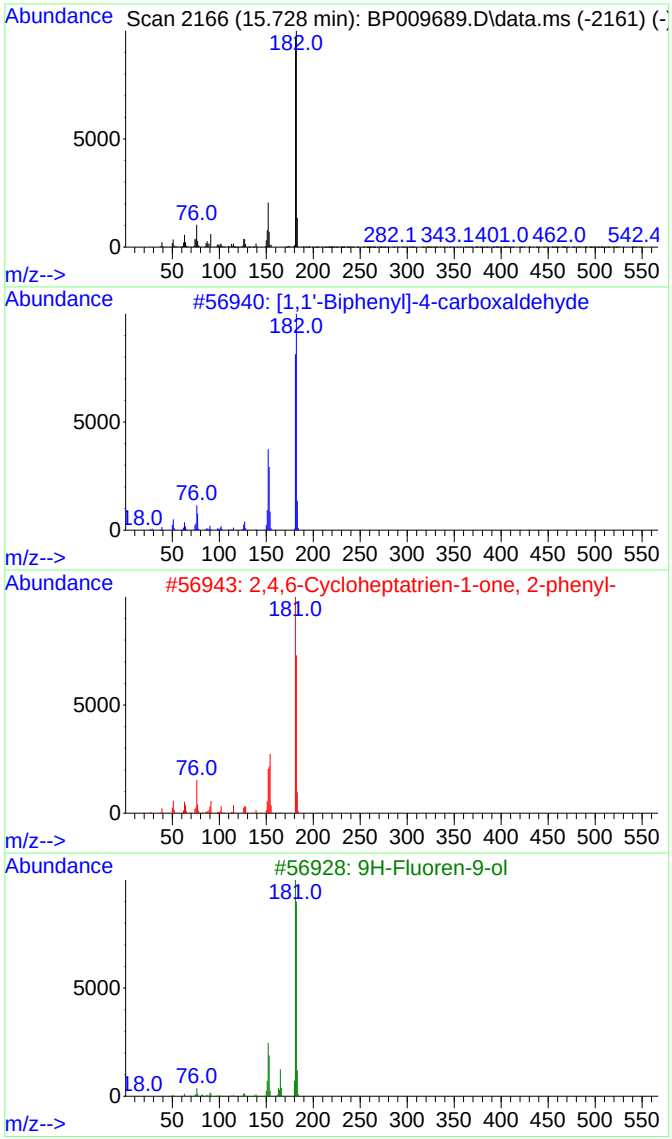
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

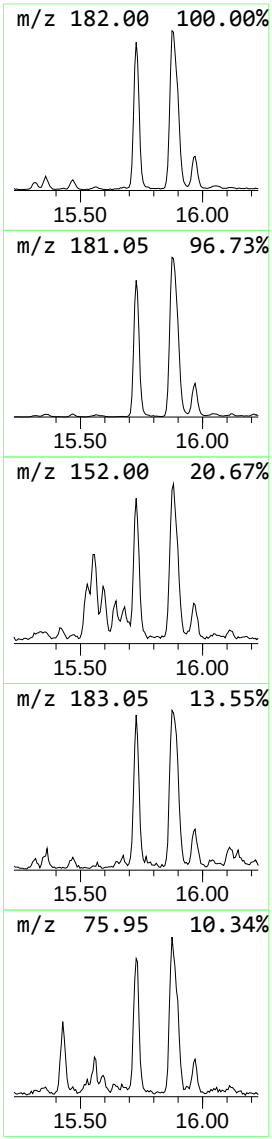
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.728	2.80 ng	408402	Acenaphthene-d10	14.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
5	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
Data File : BP009689.D
Acq On : 04 Apr 2022 20:56
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Sample : N2239-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

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

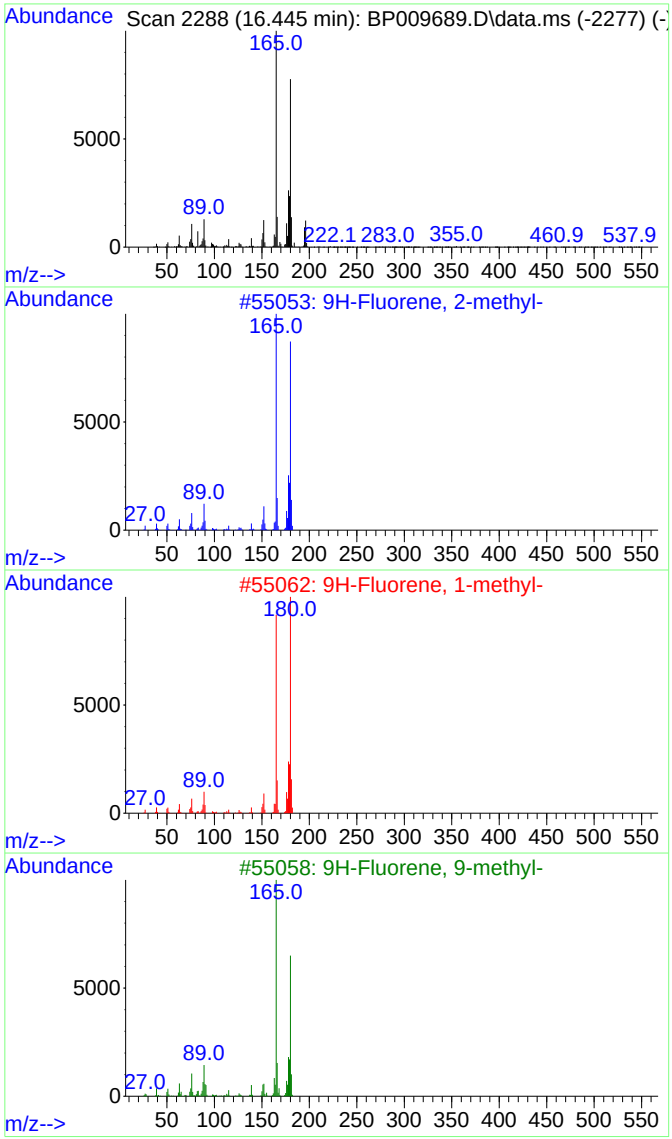
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

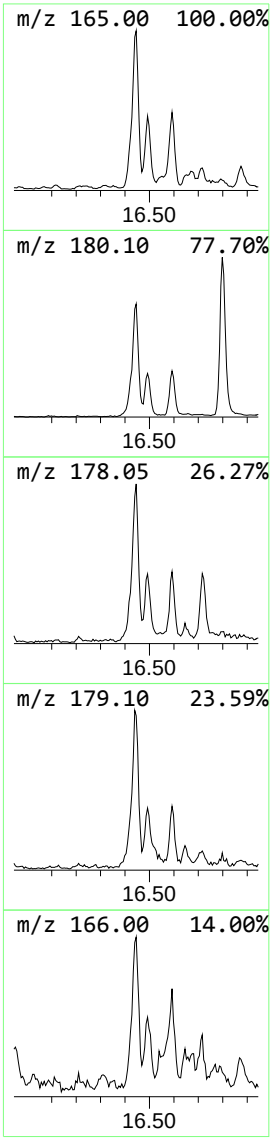
****

Peak Number 2 9H-Fluorene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.445	2.92 ng	481614	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	64





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Sample : N2239-01 10X
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ALS Vial : 19 Sample Multiplier: 1

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

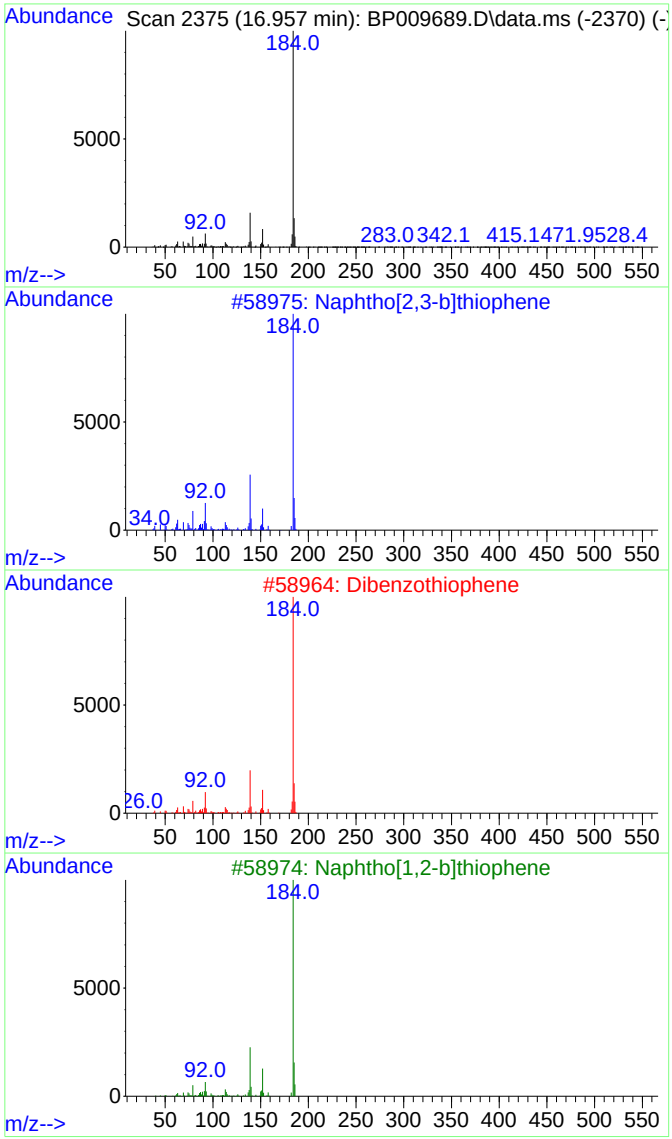
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

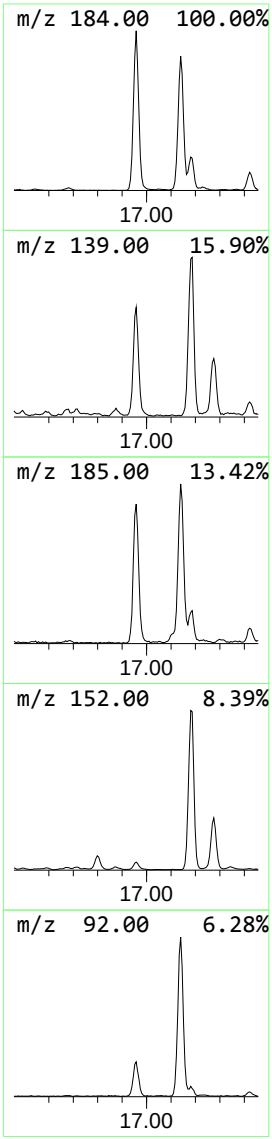
****

Peak Number 3 Naphtho[2,3-b]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.957	3.66 ng	602239	Phenanthrene-d10	17.140

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





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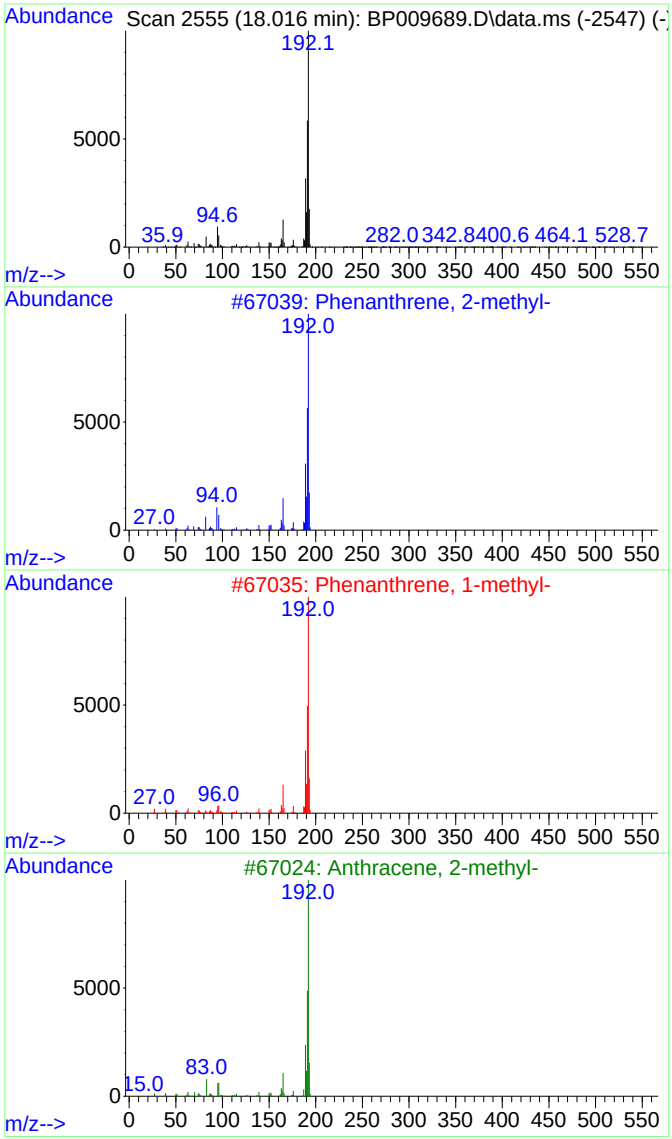
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

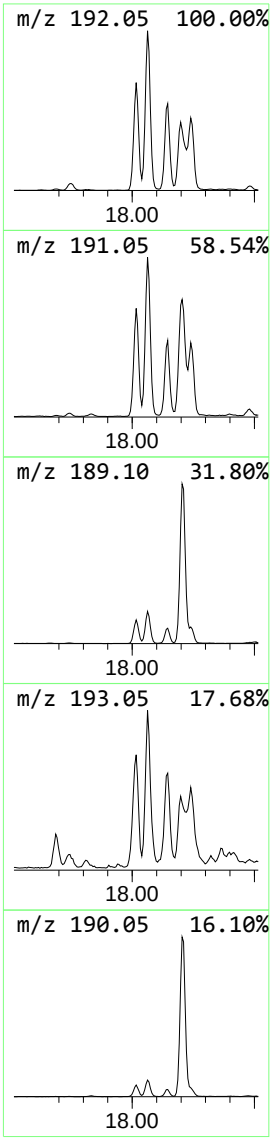
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.016	6.55 ng	1078330	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
Data File : BP009689.D
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Operator : CG/JU
Sample : N2239-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

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

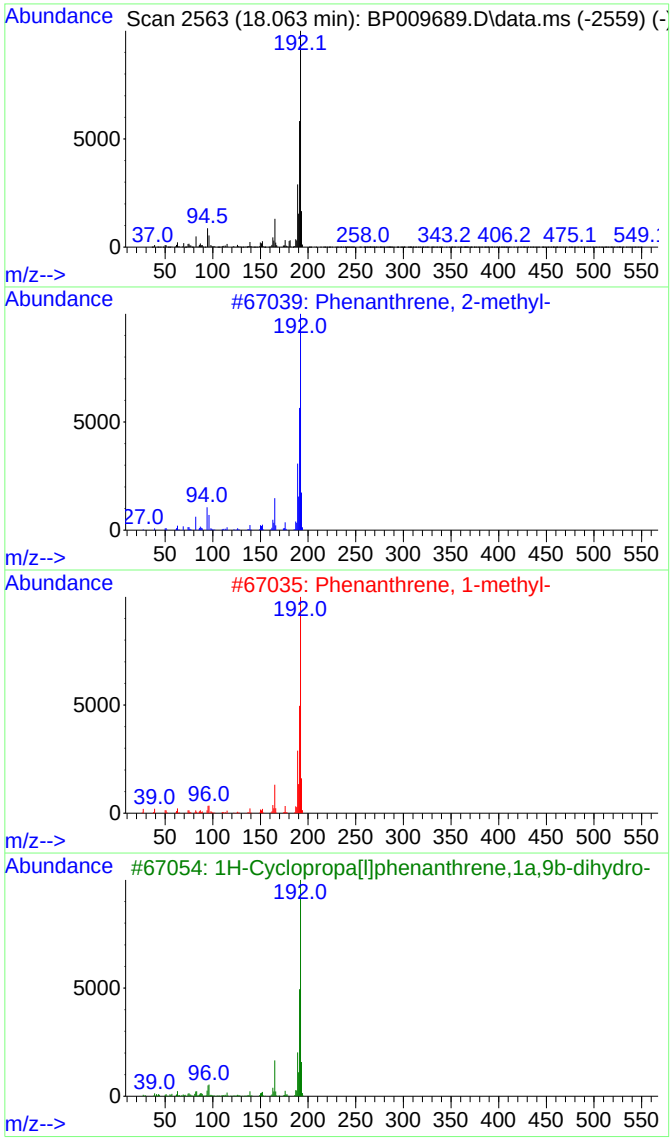
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

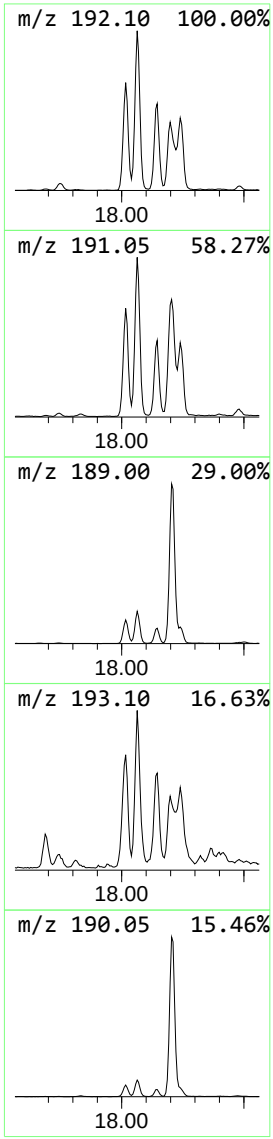
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.063	9.19 ng	1514240	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
Data File : BP009689.D
Acq On : 04 Apr 2022 20:56
Operator : CG/JU
Sample : N2239-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

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

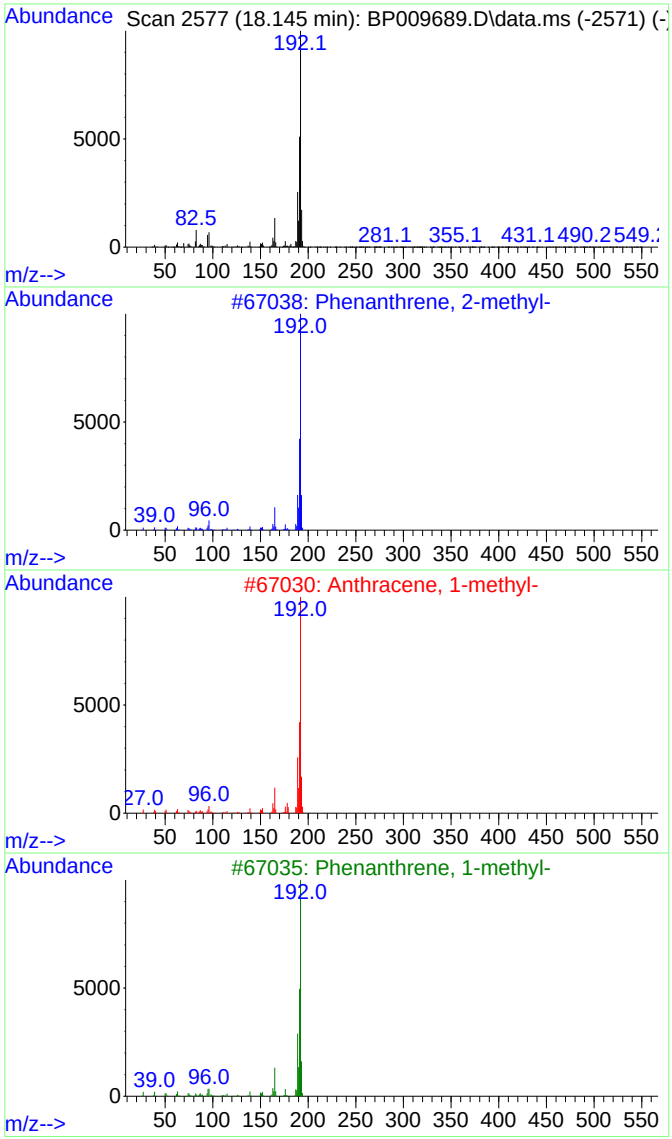
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

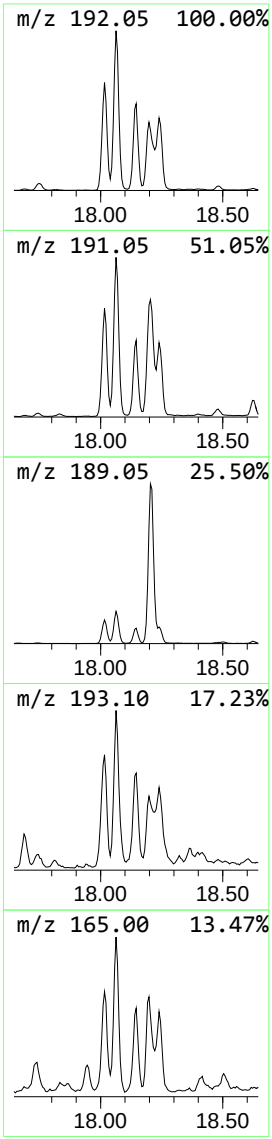
****

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	4.66 ng	766825	Phenanthrene-d10	17.140

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





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Acq On : 04 Apr 2022 20:56
Operator : CG/JU
Sample : N2239-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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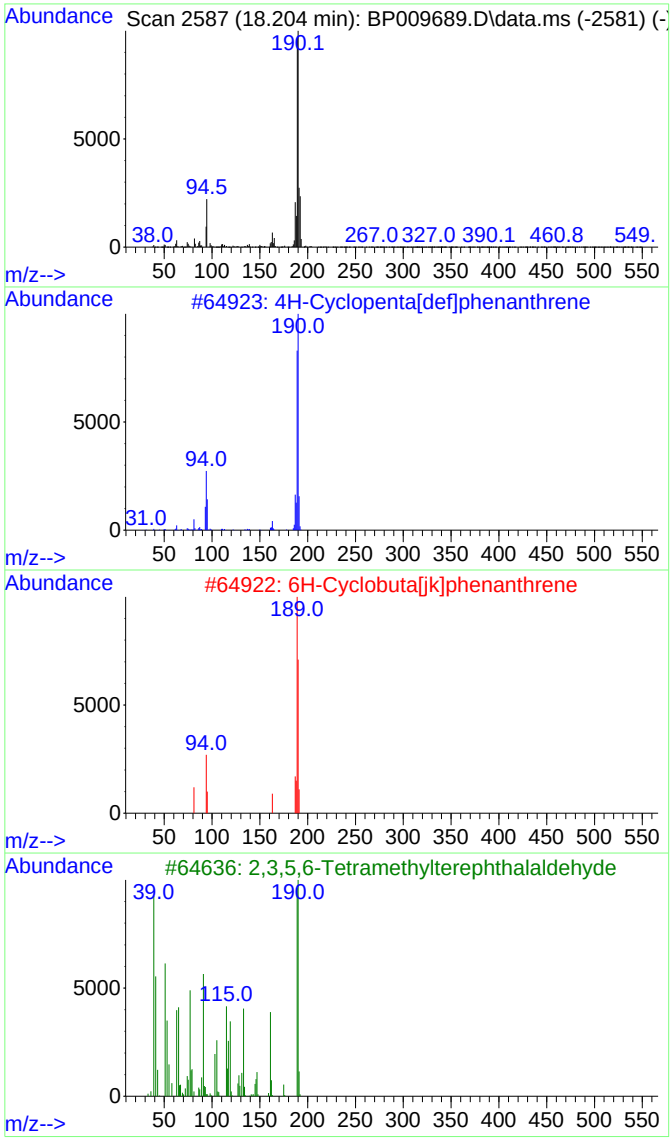
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

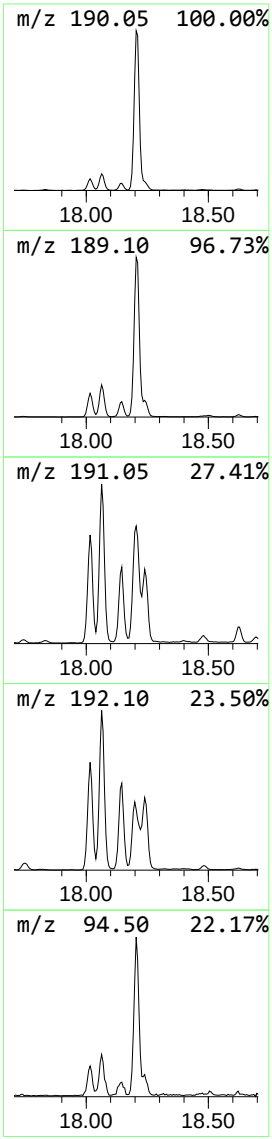
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	18.60 ng	3063350	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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ALS Vial : 19 Sample Multiplier: 1

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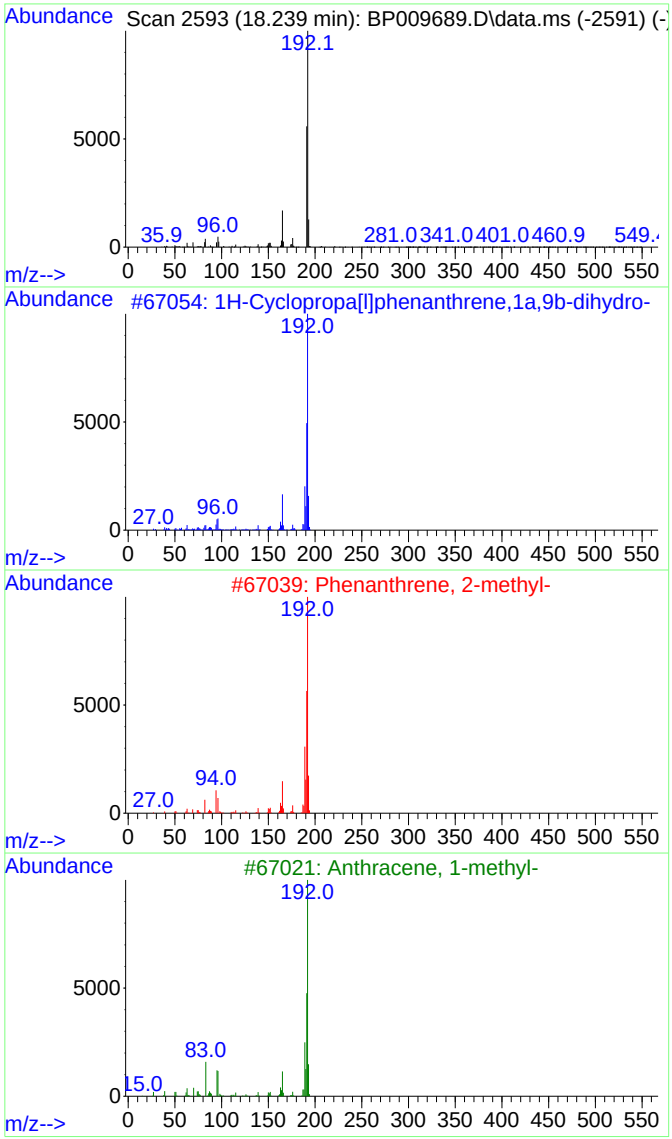
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

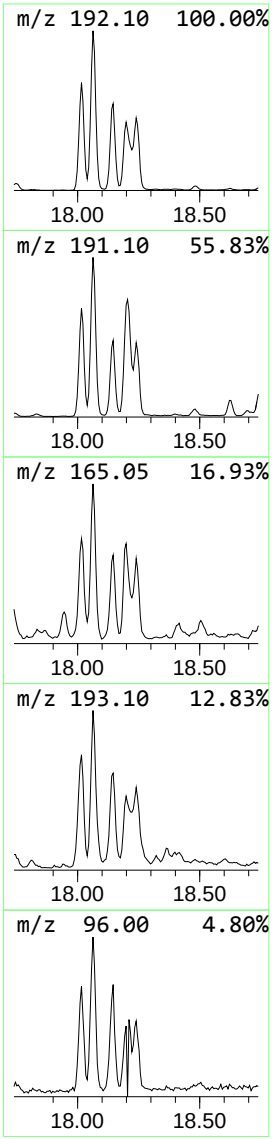
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.240	3.88 ng	638308	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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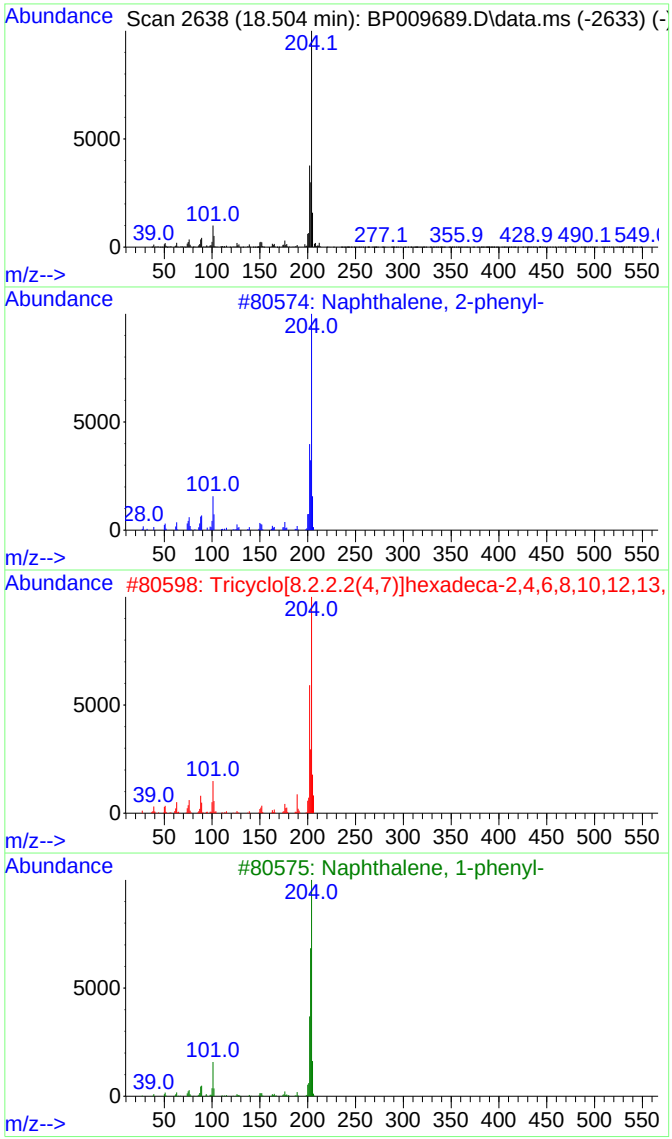
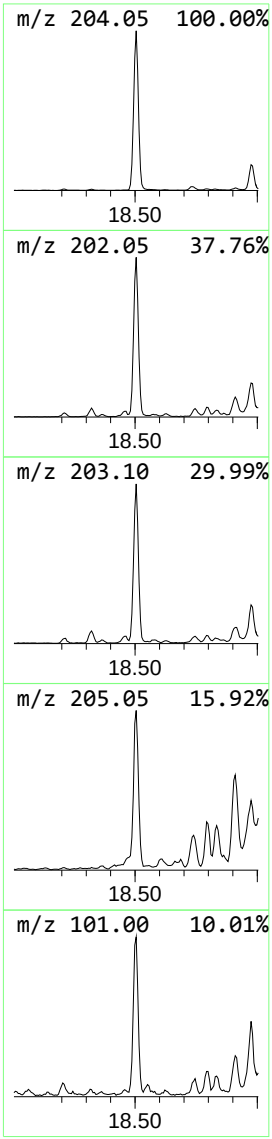
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.504	5.36 ng	882486	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58
4	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	53
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53





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Operator : CG/JU
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Misc :
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Instrument :
BNA_P
ClientSampleId :
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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
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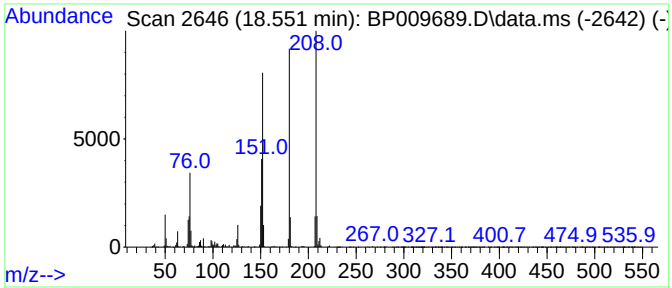
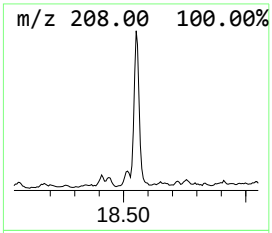
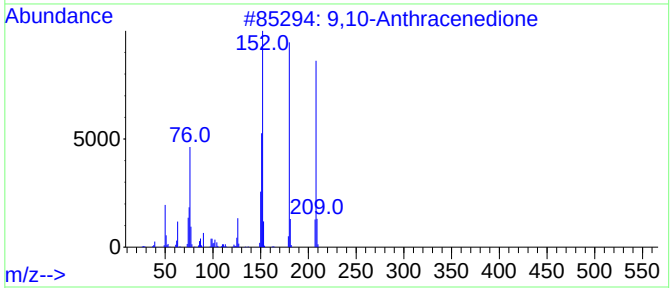
Peak Number 10 9,10-Anthracenedione Concentration Rank 13

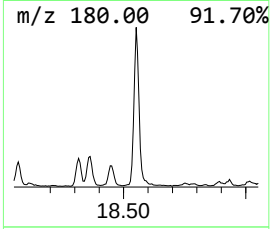
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.551	3.36 ng	553570	Phenanthrene-d10	17.140

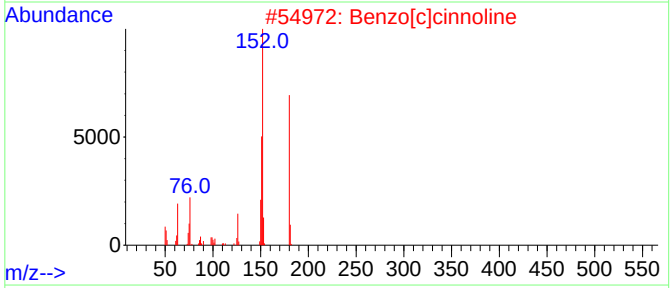
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	52

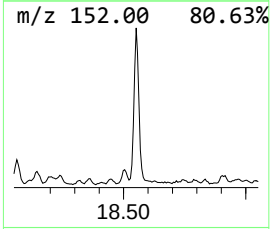


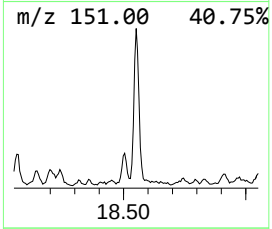


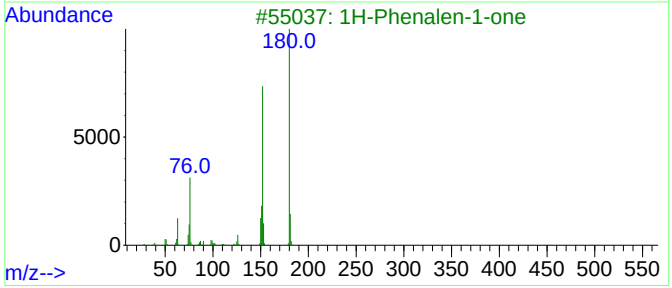


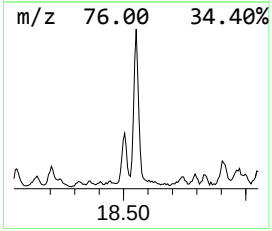












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Acq On : 04 Apr 2022 20:56
Operator : CG/JU
Sample : N2239-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

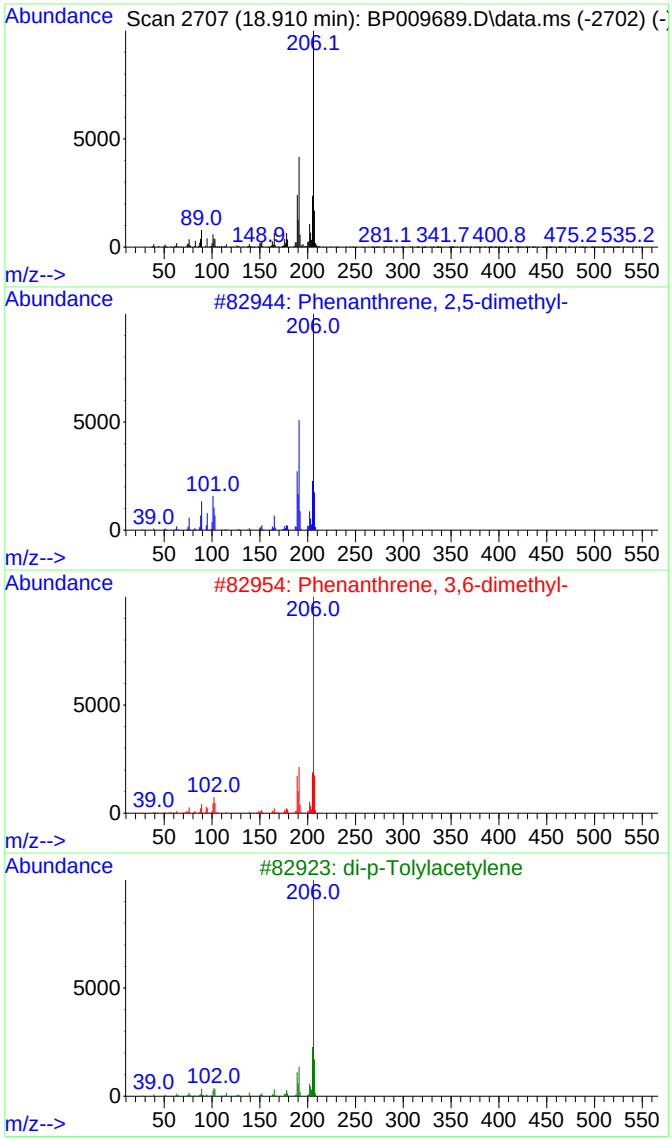
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

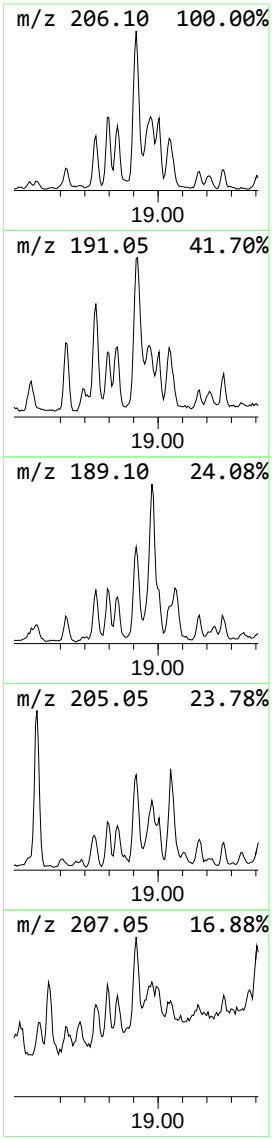
****

Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.910	3.40 ng	559691	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91





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Sample : N2239-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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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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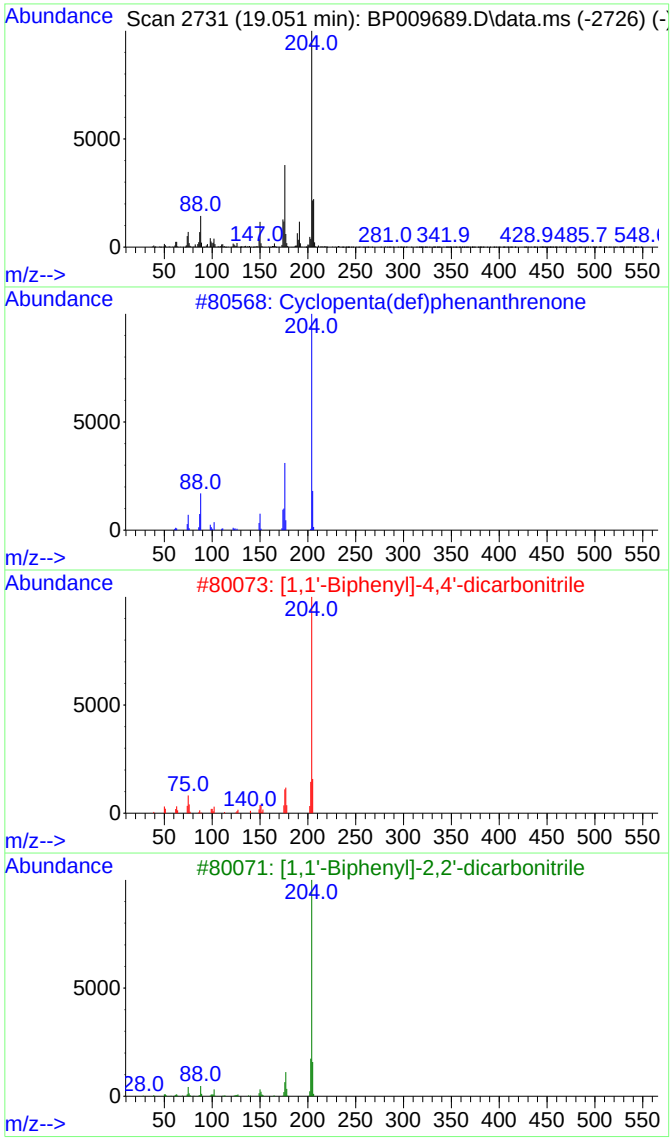
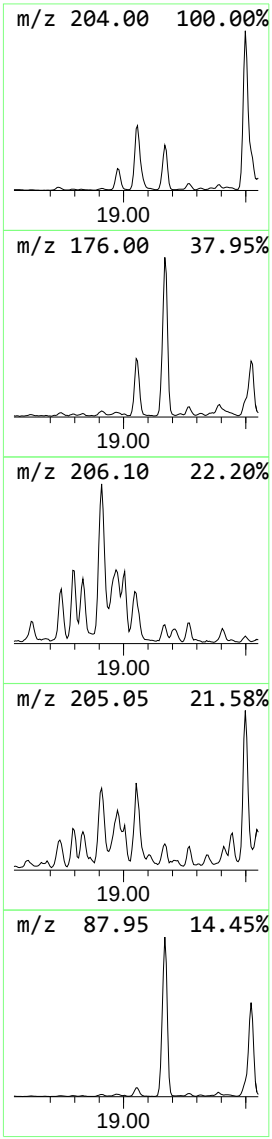
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.051	4.28 ng	705500	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
4	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	49
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47





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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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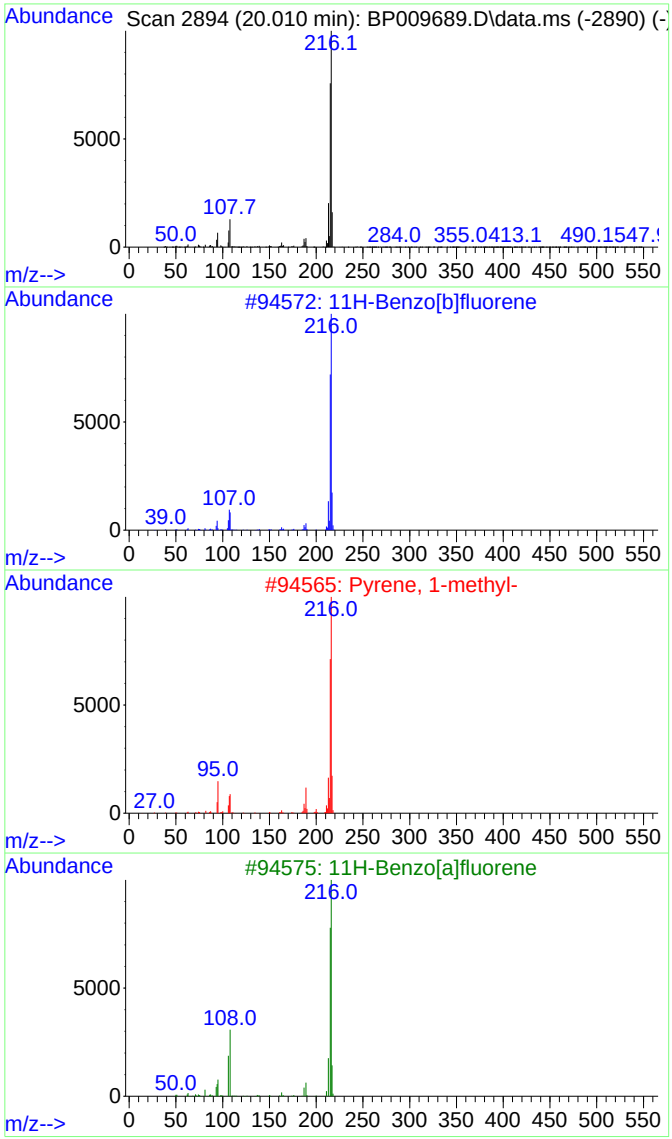
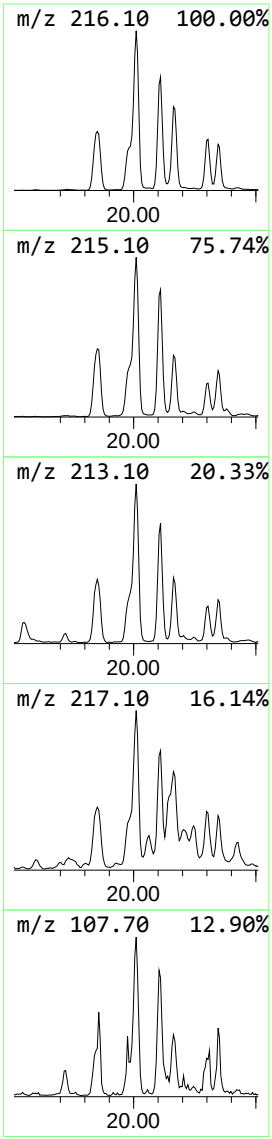
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.010	3.05 ng	2062720	Chrysene-d12	21.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64





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

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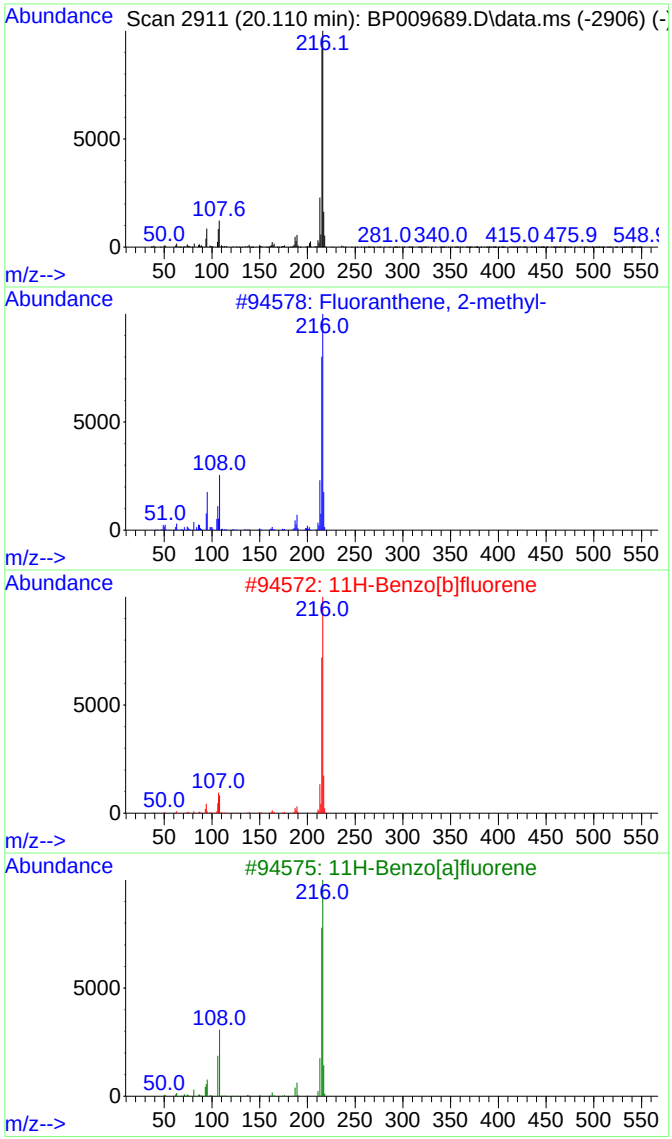
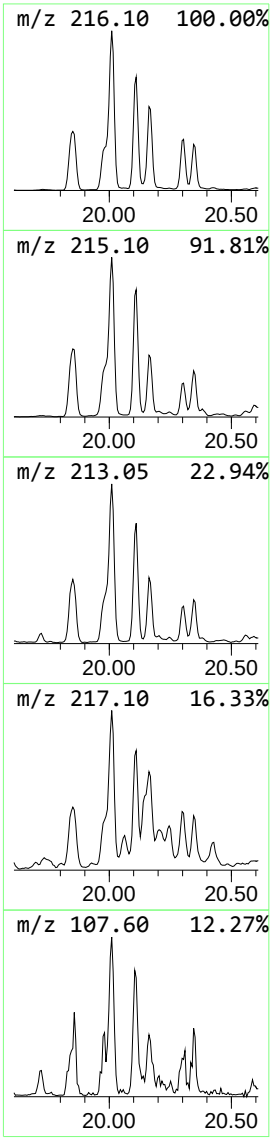
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.110	2.15 ng	1449920	Chrysene-d12	21.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	3-Trifluoromethylcinnamic acid	216	C10H7F3O2	000779-89-5	64





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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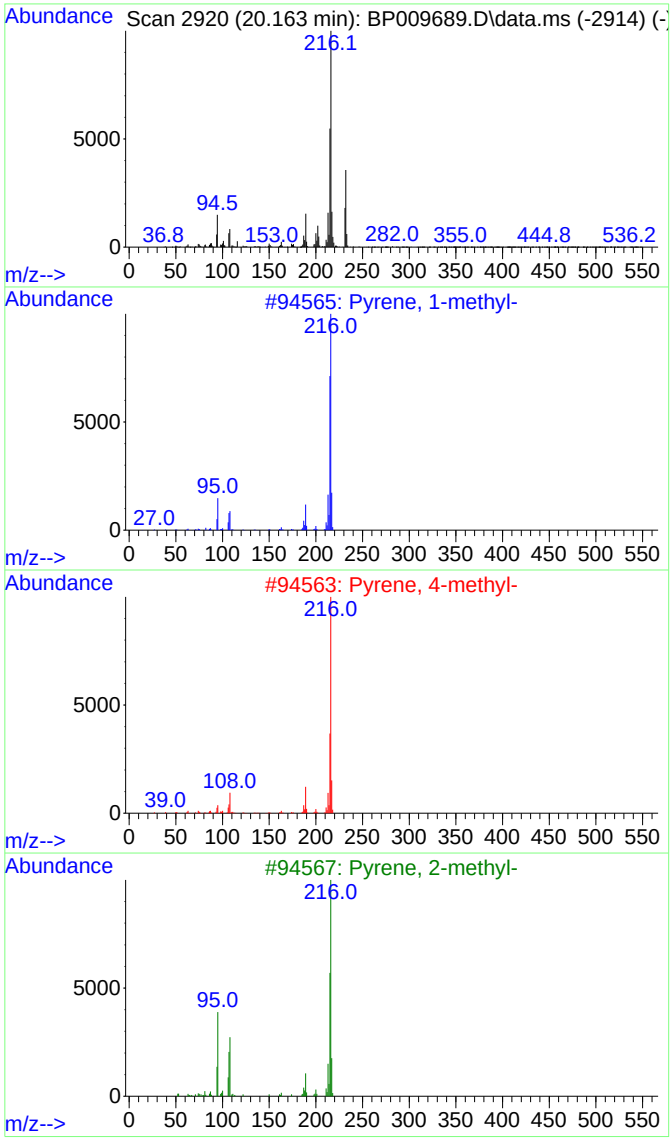
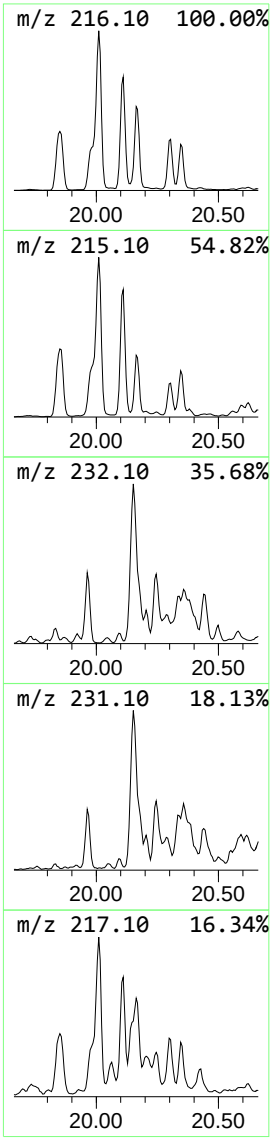
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.163	2.18 ng	1472290	Chrysene-d12	21.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	62





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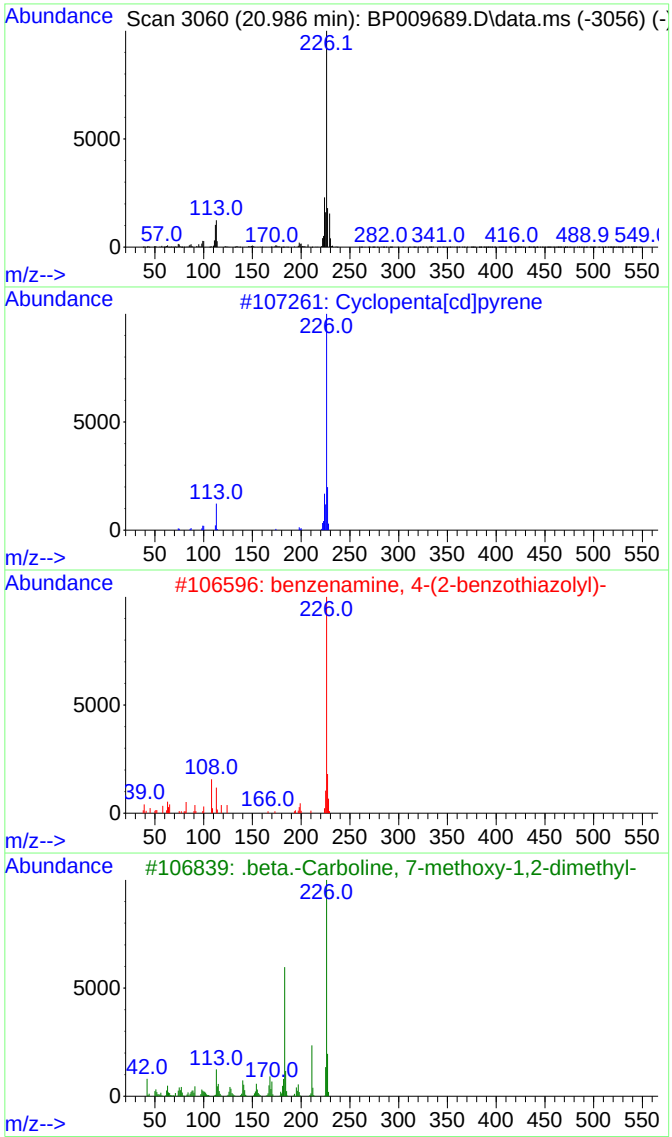
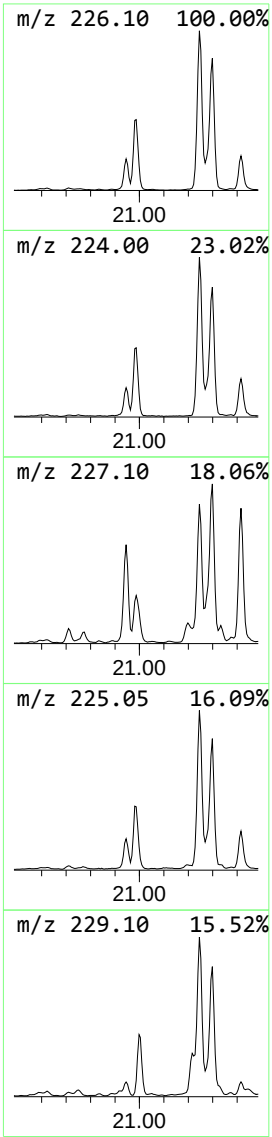
Peak Number 16 Cyclopenta[cd]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.986	2.47 ng	1670980	Chrysene-d12	21.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	50
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	50
4	1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	47
5	6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	38





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Data File : BP009689.D
Acq On : 04 Apr 2022 20:56
Operator : CG/JU
Sample : N2239-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

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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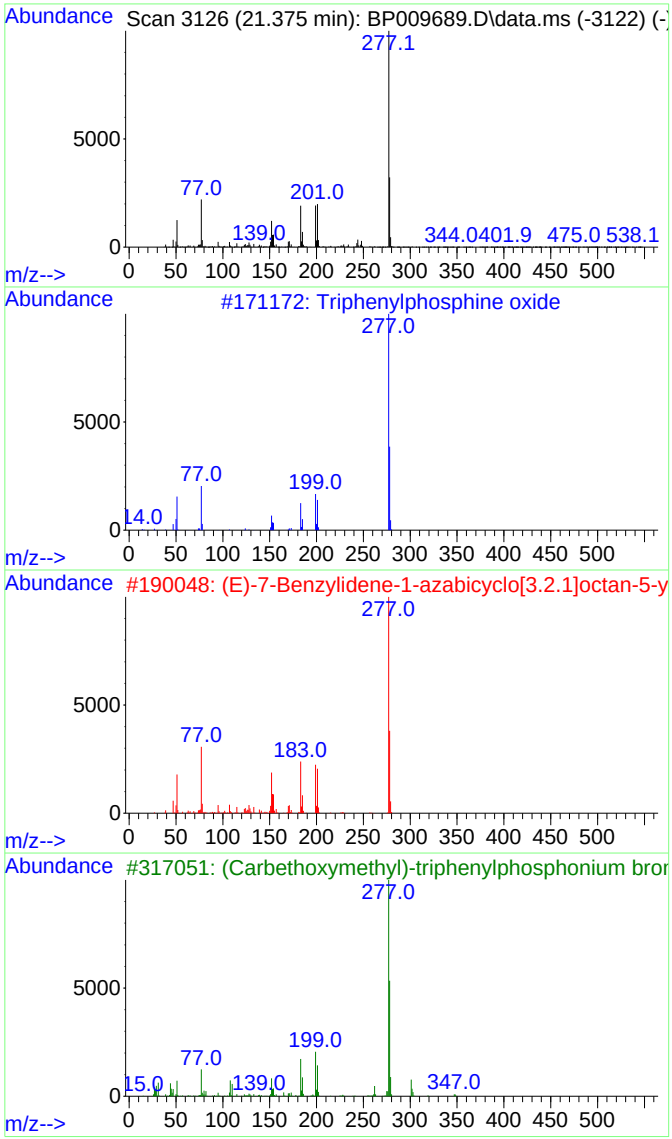
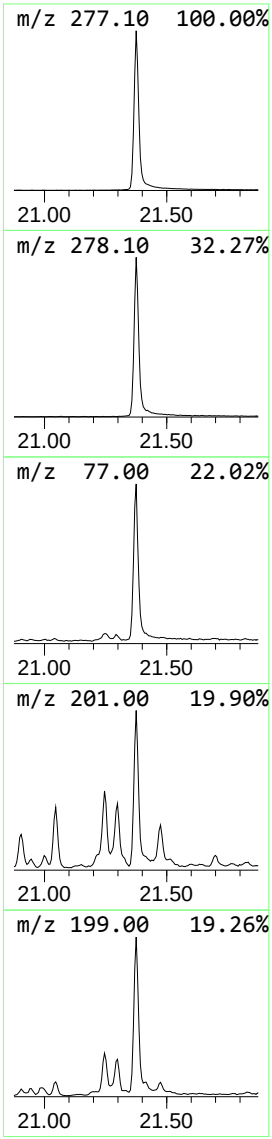
Peak Number 17 Triphenylphosphine oxide Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.375	3.23 ng	2186220	Chrysene-d12	21.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	94
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	47
4	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	42
5	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
Data File : BP009689.D
Acq On : 04 Apr 2022 20:56
Operator : CG/JU
Sample : N2239-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

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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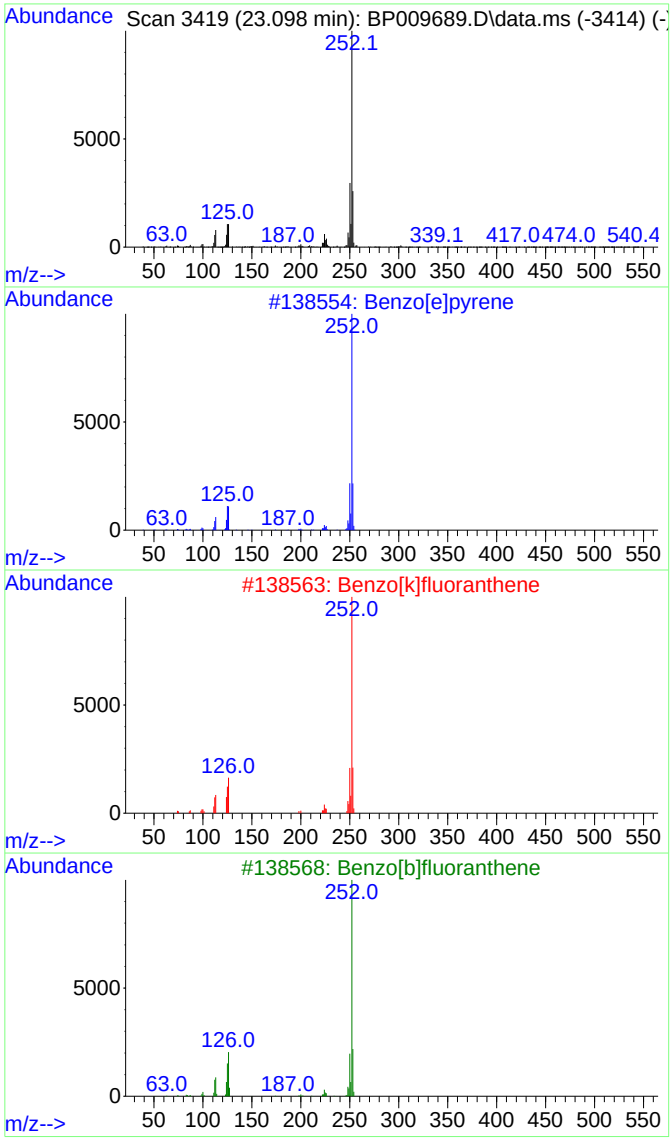
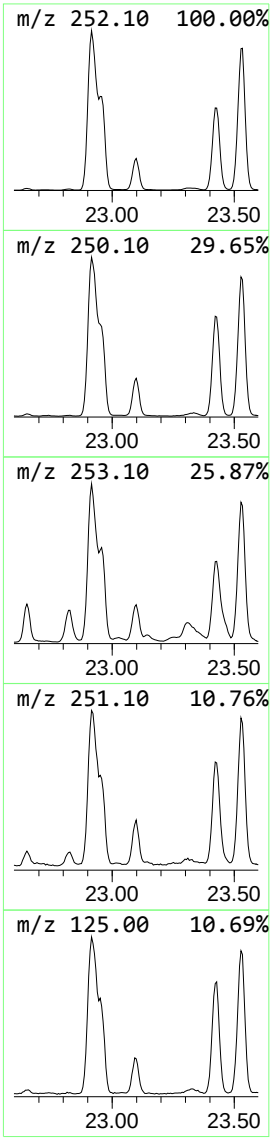
Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.098	6.47 ng	1270730	Perylene-d12	23.633

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
Data File : BP009689.D
Acq On : 04 Apr 2022 20:56
Operator : CG/JU
Sample : N2239-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

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
[1,1'-Biphenyl]...	15.728	2.8	ng	408402	3	14.375	2915040	20.0
9H-Fluorene, 2-...	16.445	2.9	ng	481614	4	17.140	3294090	20.0
Naphtho[2,3-b]t...	16.957	3.7	ng	602239	4	17.140	3294090	20.0
Phenanthrene, 2...	18.016	6.5	ng	1078330	4	17.140	3294090	20.0
Phenanthrene, 1...	18.063	9.2	ng	1514240	4	17.140	3294090	20.0
Anthracene, 1-m...	18.145	4.7	ng	766825	4	17.140	3294090	20.0
4H-Cyclopenta[d...	18.204	18.6	ng	3063350	4	17.140	3294090	20.0
1H-Cyclopropa[l...	18.240	3.9	ng	638308	4	17.140	3294090	20.0
Naphthalene, 2-...	18.504	5.4	ng	882486	4	17.140	3294090	20.0
9,10-Anthracene...	18.551	3.4	ng	553570	4	17.140	3294090	20.0
Phenanthrene, 2...	18.910	3.4	ng	559691	4	17.140	3294090	20.0
Cyclopenta(def)...	19.051	4.3	ng	705500	4	17.140	3294090	20.0
11H-Benzo[b]flu...	20.010	3.0	ng	2062720	5	21.263	13516200	20.0
Fluoranthene, 2...	20.110	2.1	ng	1449920	5	21.263	13516200	20.0
Pyrene, 1-methyl-	20.163	2.2	ng	1472290	5	21.263	13516200	20.0
Cyclopenta[cd]p...	20.986	2.5	ng	1670980	5	21.263	13516200	20.0
Triphenylphosph...	21.375	3.2	ng	2186220	5	21.263	13516200	20.0
Benzo[e]pyrene	23.098	6.5	ng	1270730	6	23.633	3929240	20.0