LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009580.D
Acq On : 28 Mar 2022 23:24
Operator : CG/JU
Sample : N2095-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-07-2.0-3.0

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: BP009580.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.016	3	5	28	rVB	635421	934101	5.17%	0.402%
2	5.369	399	405	427	rBV	3334691	5992040	33.18%	2.580%
3	6.957	663	675	705	rBV	3159027	6227934	34.49%	2.681%
4	7.763	805	812	822	rBV	923311	1653186	9.16%	0.712%
5	8.922	1002	1009	1020	rBV	2142775	3976644	22.02%	1.712%
6	10.557	1278	1287	1293	rBV	1197134	2293731	12.70%	0.988%
7	10.604	1293	1295	1304	rVB	188419	324999	1.80%	0.140%
8	12.228	1562	1571	1579	rVB	112814	202743	1.12%	0.087%
9	13.034	1700	1708	1726	rBV	5805297	9675206	53.58%	4.166%
10	13.245	1738	1744	1752	rBV	135675	223830	1.24%	0.096%
11	13.734	1822	1827	1832	rBV	132437	226939	1.26%	0.098%
12	14.134	1888	1895	1906	rBV	310655	548936	3.04%	0.236%
13	14.410	1934	1942	1948	rBV	1951431	3147568	17.43%	1.355%
14	14.475	1948	1953	1962	rVB	540646	911198	5.05%	0.392%
15	14.816	2005	2011	2019	rVV	338502	623599	3.45%	0.268%
16	15.033	2042	2048	2054	rBV3	95431	199224	1.10%	0.086%
17	15.463	2115	2121	2127	rBV2	441686	757504	4.20%	0.326%
18	15.763	2167	2172	2182	rVB	219241	407222	2.26%	0.175%
19	15.910	2190	2197	2206	rBV	4928462	7774979	43.06%	3.347%
20	16.151	2233	2238	2246	rBV2	180845	322265	1.78%	0.139%
21	16.480	2284	2294	2299	rBV4	147809	411458	2.28%	0.177%
22	16.710	2325	2333	2337	rBV3	173461	350592	1.94%	0.151%
23	16.751	2337	2340	2344	rVB	134222	182560	1.01%	0.079%
24	16.833	2349	2354	2361	rVB2	360044	597904	3.31%	0.257%
25	16.910	2362	2367	2372	rBV2	184951	446017	2.47%	0.192%
26	16.992	2377	2381	2391	rVB	390821	711627	3.94%	0.306%
27	17.175	2406	2412	2415	rBV	2411023	3634713	20.13%	1.565%
28	17.222	2415	2420	2427	rVV	6889403	10804956	59.84%	4.652%
29	17.310	2427	2435	2441	rVV	1662184	2664824	14.76%	1.147%
30	17.375	2441	2446	2451	rVV3	203701	356640	1.98%	0.154%
31	17.498	2463	2467	2472	rVB3	121982	188803	1.05%	0.081%
32	17.586	2474	2482	2487	rBV2	589673	1176269	6.51%	0.506%
33	17.698	2497	2501	2508	rBV3	247633	348766	1.93%	0.150%
34	17.763	2508	2512	2521	rVB3	211609	402327	2.23%	0.173%
35	17.863	2525	2529	2533	rBV2	232762	284002	1.57%	0.122%
36	18.051	2556	2561	2564	rBV	954821	1367686	7.57%	0.589%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009580.D
Acq On : 28 Mar 2022 23:24
Operator : CG/JU
Sample : N2095-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-07-2.0-3.0

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	18.098	2564	2569	2577	rVB	1627953	2647762	14.66%	1.140%
38	18.180	2577	2583	2587	rBV	525661	802985	4.45%	0.346%
39	18.239	2587	2593	2597	rBV2	1411081	2555092	14.15%	1.100%
40	18.274	2597	2599	2606	rVB	699920	941781	5.22%	0.405%
41	18.369	2608	2615	2617	rBV5	169011	375561	2.08%	0.162%
42	18.539	2640	2644	2648	rBV	817971	1066351	5.91%	0.459%
43	18.580	2648	2651	2661	rVB	588701	873530	4.84%	0.376%
44	18.780	2681	2685	2689	rVB2	310606	389066	2.15%	0.168%
45	18.827	2689	2693	2696	rBV	259860	312264	1.73%	0.134%
46	18.869	2696	2700	2704	rVB	269259	365080	2.02%	0.157%
47	18.945	2708	2713	2717	rBV	691619	1240027	6.87%	0.534%
48	19.004	2719	2723	2727	rVB3	777912	1009208	5.59%	0.435%
49	19.086	2732	2737	2743	rBV	592048	1002525	5.55%	0.432%
50	19.139	2743	2746	2750	rVB3	213906	280711	1.55%	0.121%
51	19.204	2751	2757	2764	rBV	11394911	16828683	93.20%	7.245%
52	19.269	2764	2768	2770	rVV	242160	288226	1.60%	0.124%
53	19.298	2770	2773	2777	rVV	281159	367140	2.03%	0.158%
54	19.345	2778	2781	2785	rVB	344001	457719	2.53%	0.197%
55	19.439	2794	2797	2801	rVB	297397	356861	1.98%	0.154%
56	19.557	2807	2817	2825	rBV	10397857	18056891	100.00%	7.774%
57	19.627	2825	2829	2836	rVB2	617212	1023925	5.67%	0.441%
58	19.757	2843	2851	2855	rBV	10448999	14339188	79.41%	6.174%
59	19.798	2855	2858	2862	rVB	598230	840392	4.65%	0.362%
60	19.874	2866	2871	2878	rBV2	768750	1957861	10.84%	0.843%
61	20.010	2889	2894	2896	rBV3	599629	1049537	5.81%	0.452%
62	20.045	2897	2900	2906	rVB	1066795	1402002	7.76%	0.604%
63	20.139	2913	2916	2920	rBV	585037	733509	4.06%	0.316%
64	20.198	2920	2926	2930	rVV2	1098725	1790070	9.91%	0.771%
65	20.333	2946	2949	2953	rBV2	583609	774249	4.29%	0.333%
66	20.380	2953	2957	2961	rVB2	644290	867996	4.81%	0.374%
67	20.780	3021	3025	3031	rVB	1148983	1604338	8.88%	0.691%
68	20.939	3048	3052	3056	rBV2	852723	1506140	8.34%	0.648%
69	20.980	3056	3059	3062	rVV	1175863	1736130	9.61%	0.747%
70	21.027	3063	3067	3072	rVV2	1446538	3097948	17.16%	1.334%
71	21.074	3072	3075	3085	rVB	1221370	1873140	10.37%	0.806%
72	21.286	3105	3111	3116	rBV3	7209562	14473864	80.16%	6.232%
73	21.333	3116	3119	3128	rVB	5280522	7441861	41.21%	3.204%
74	21.410	3129	3132	3136	rBV	675023	898119	4.97%	0.387%
75	21.451	3136	3139	3145	rVB	812331	1056540	5.85%	0.455%
76	21.621	3164	3168	3173	rVB3	671866	1052117	5.83%	0.453%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009580.D
Acq On : 28 Mar 2022 23:24
Operator : CG/JU
Sample : N2095-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-07-2.0-3.0

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	21.868	3207	3210	3214	rVB2	909455	1272817	7.05%	0.548%
78	22.968	3390	3397	3409	rBV	4622986	14854279	82.26%	6.395%
79	23.145	3423	3427	3435	rVB	915416	1587529	8.79%	0.683%
80	23.480	3478	3484	3494	rVB	2772802	6057366	33.55%	2.608%
81	23.586	3495	3502	3510	rVB	4110295	8704603	48.21%	3.748%
82	23.692	3514	3520	3524	rVV2	2046560	4532118	25.10%	1.951%
83	23.739	3525	3528	3538	rVB2	1187769	2619906	14.51%	1.128%
84	26.180	3936	3943	3956	rVB2	2187147	6966905	38.58%	3.000%
85	26.945	4066	4073	4089	rVB	1584810	5582943	30.92%	2.404%

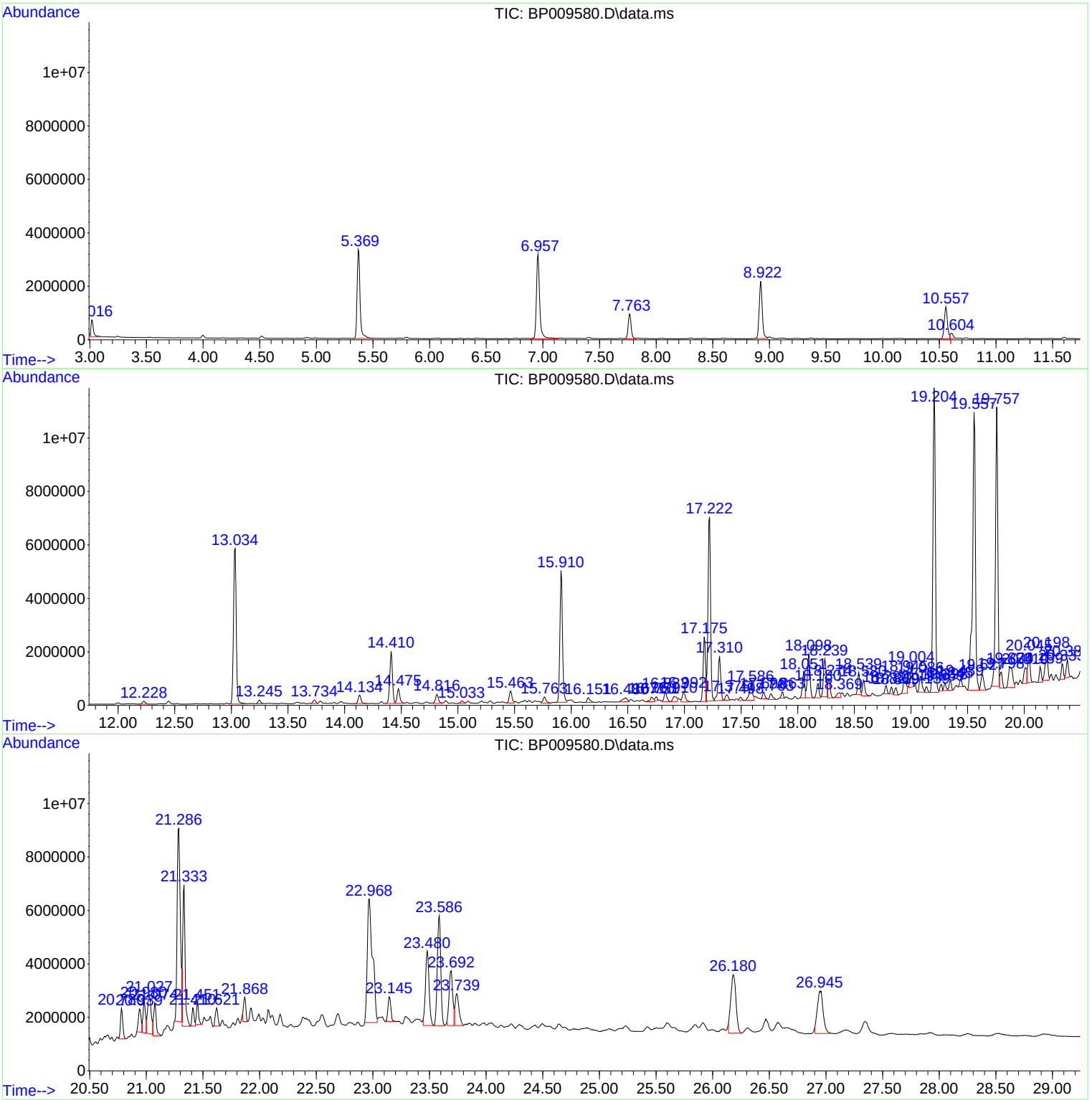
Sum of corrected areas: 232267847

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009580.D
Acq On : 28 Mar 2022 23:24
Operator : CG/JU
Sample : N2095-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-07-2.0-3.0

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\BP032822\
Data File : BP009580.D
Acq On : 28 Mar 2022 23:24
Operator : CG/JU
Sample : N2095-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-07-2.0-3.0

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

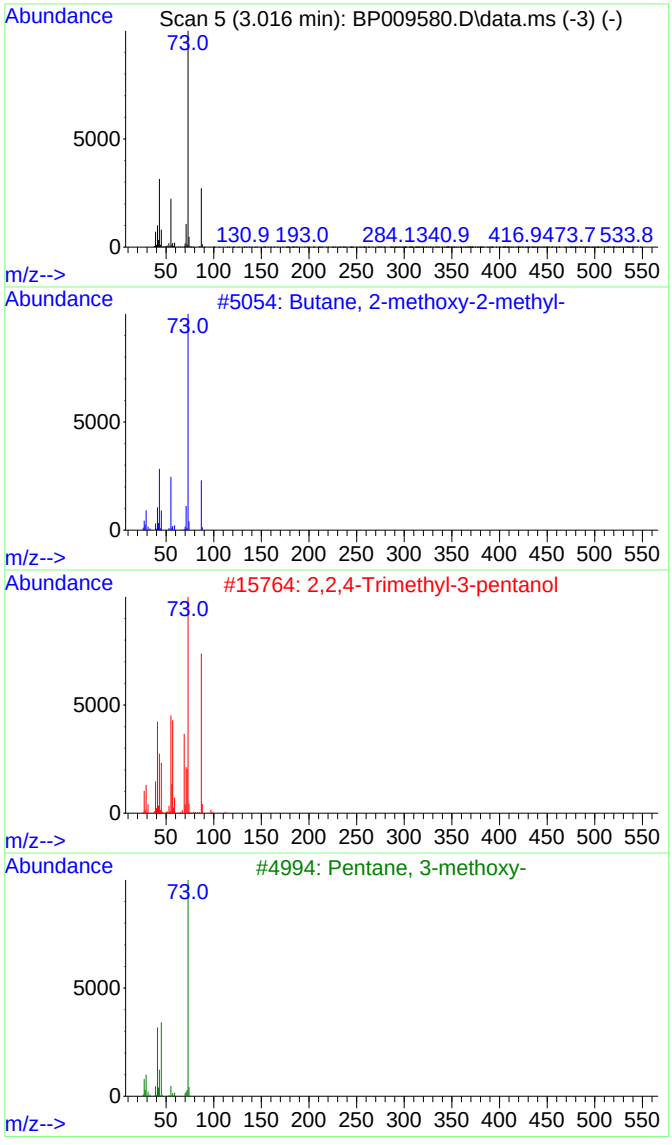
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

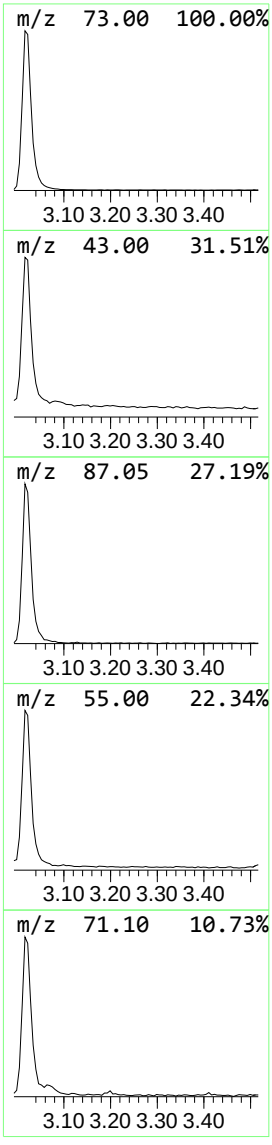
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.016	11.30 ng	934101	1,4-Dichlorobenzene-d4	7.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009580.D
Acq On : 28 Mar 2022 23:24
Operator : CG/JU
Sample : N2095-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-07-2.0-3.0

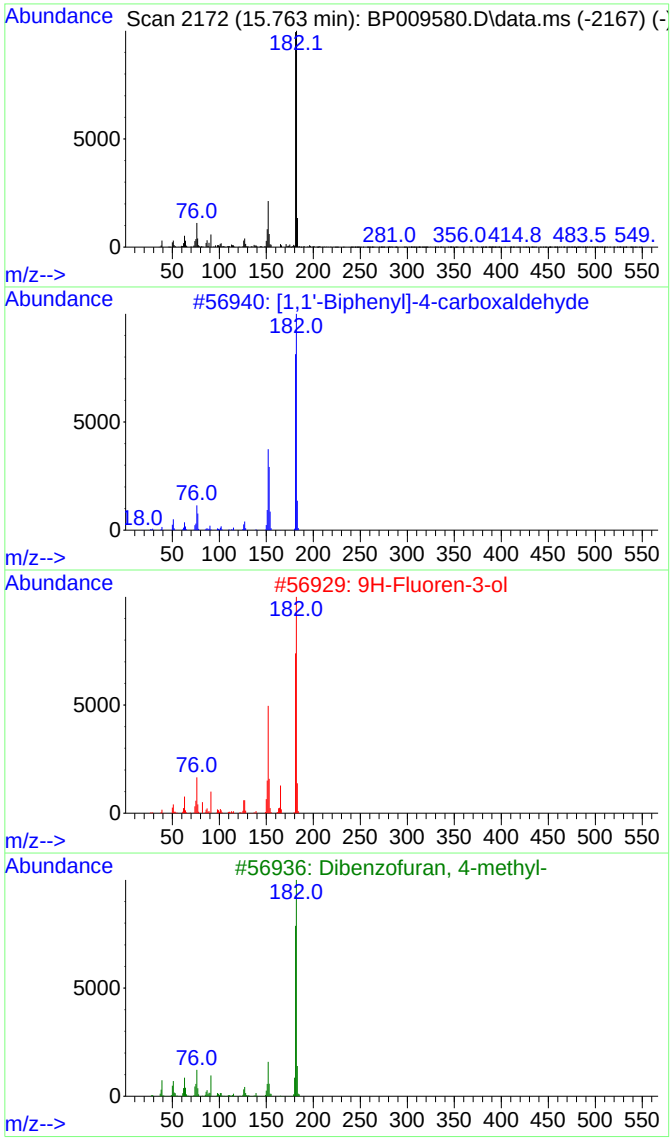
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

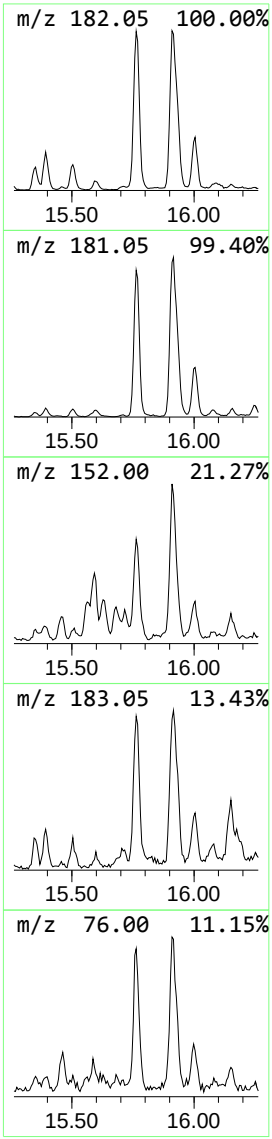
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.763	2.59 ng	407222	Acenaphthene-d10	14.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009580.D
Acq On : 28 Mar 2022 23:24
Operator : CG/JU
Sample : N2095-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-07-2.0-3.0

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

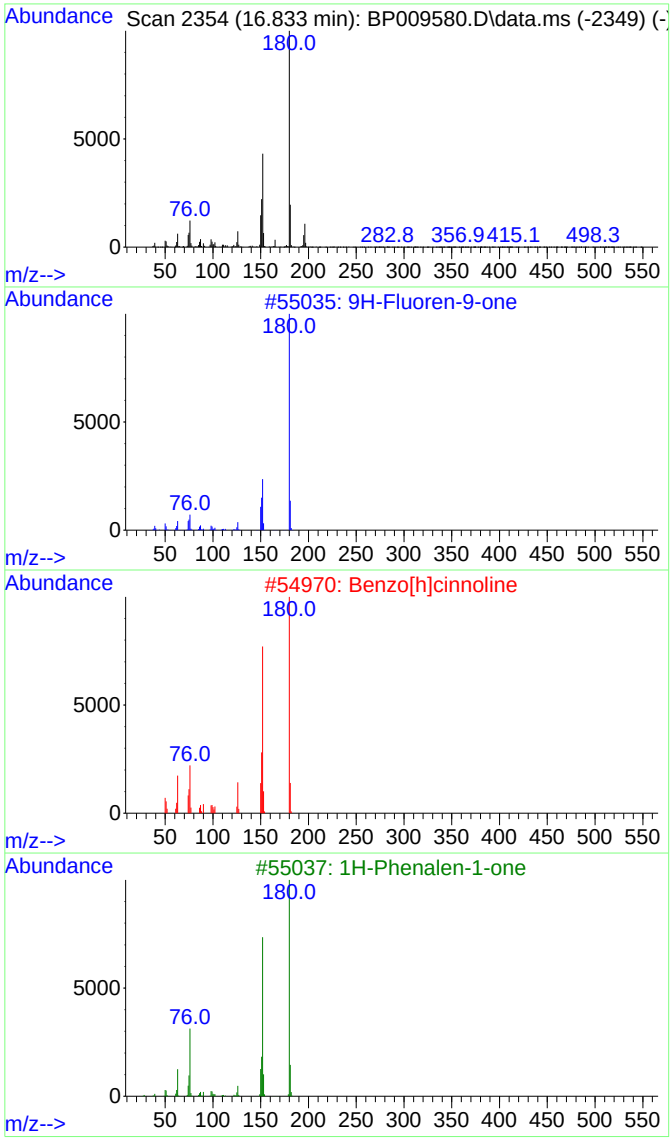
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

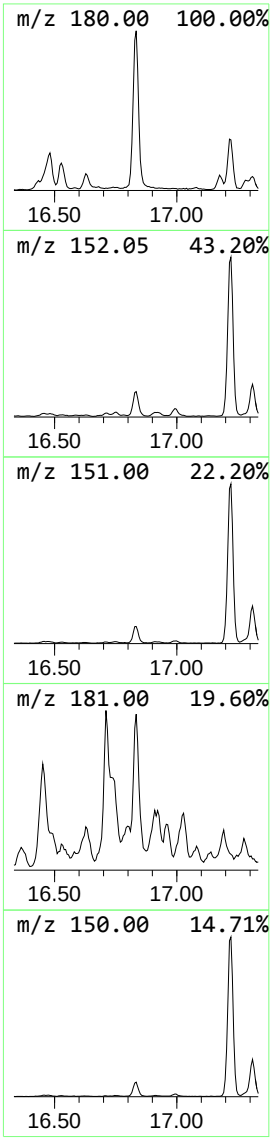
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.833	3.29 ng	597904	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	53
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	52
4	1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	40
5	5-(Phenylethynyl)pyrimidine	180	C12H8N2	071418-88-7	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009580.D
Acq On : 28 Mar 2022 23:24
Operator : CG/JU
Sample : N2095-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-07-2.0-3.0

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

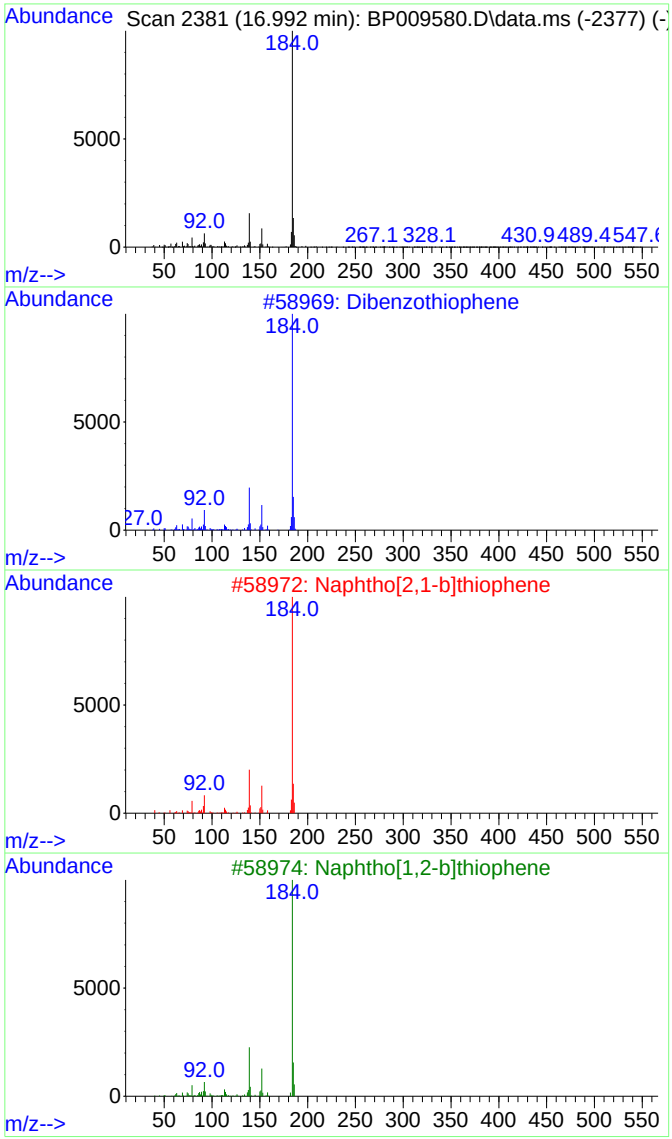
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

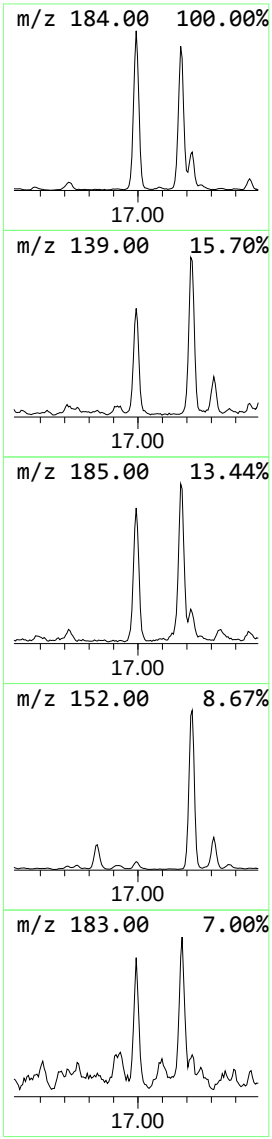
****

Peak Number 4 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.992	3.92 ng	711627	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009580.D
Acq On : 28 Mar 2022 23:24
Operator : CG/JU
Sample : N2095-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-07-2.0-3.0

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

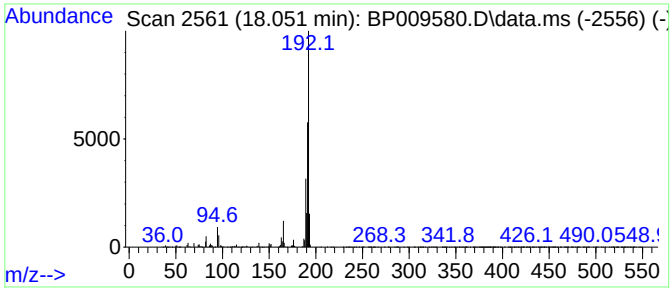
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

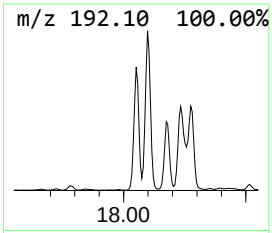
****

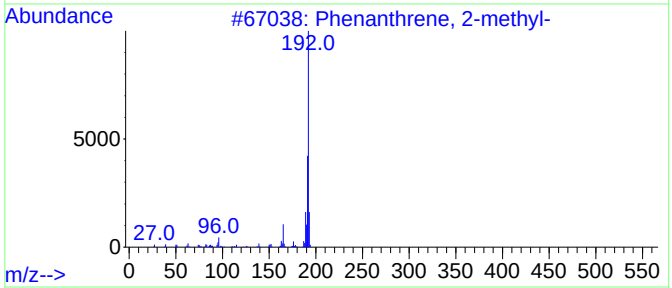
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 5

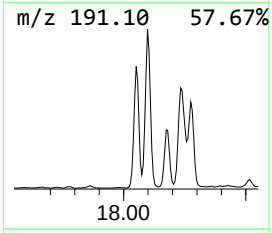
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	7.53 ng	1367690	Phenanthrene-d10	17.174

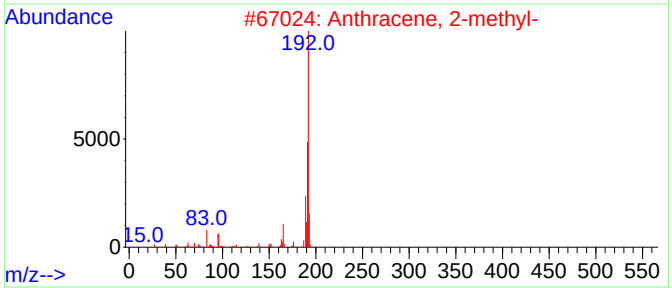
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93

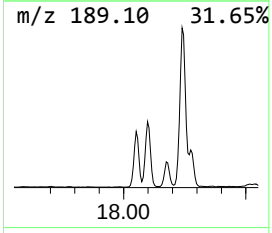


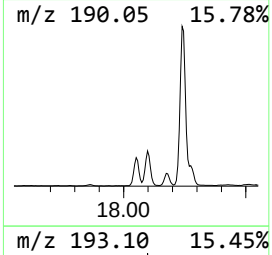


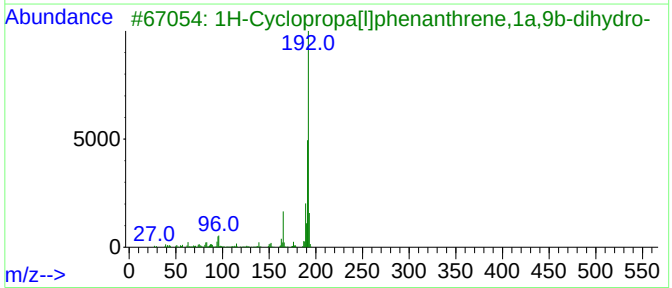


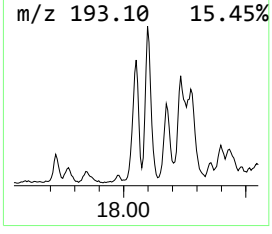












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Acq On : 28 Mar 2022 23:24
Operator : CG/JU
Sample : N2095-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-07-2.0-3.0

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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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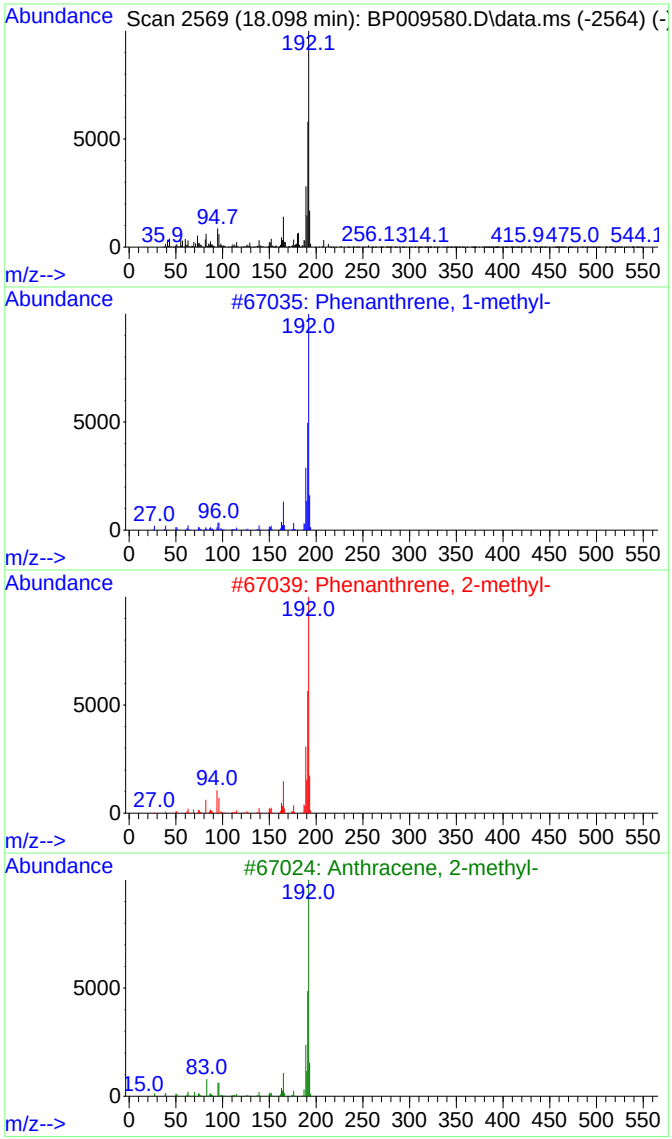
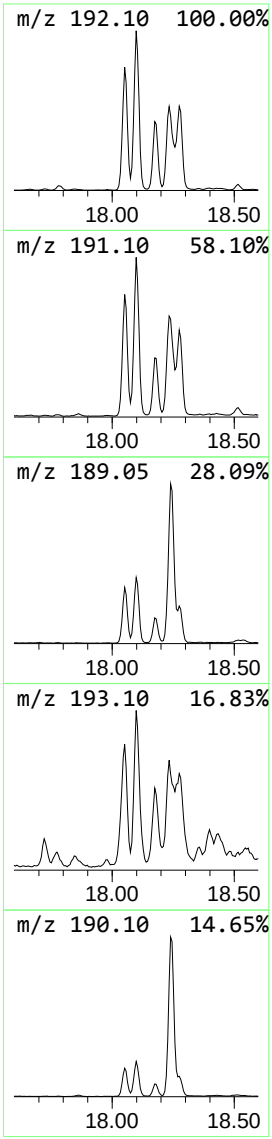
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	14.57 ng	2647760	Phenanthrene-d10	17.174

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





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-07-2.0-3.0

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

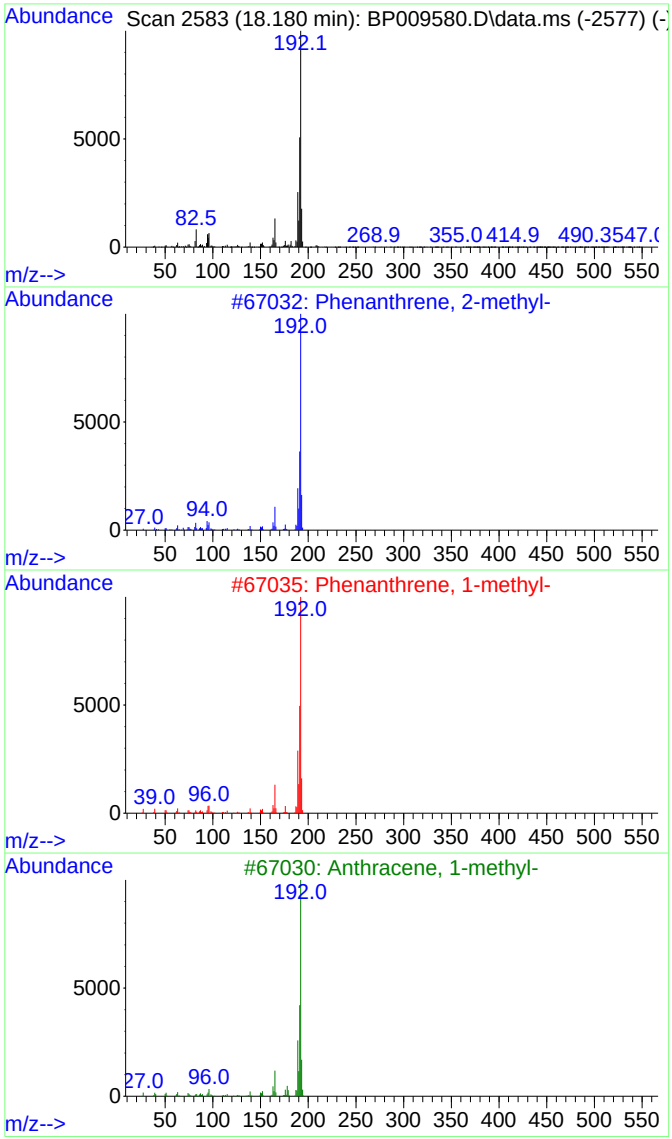
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

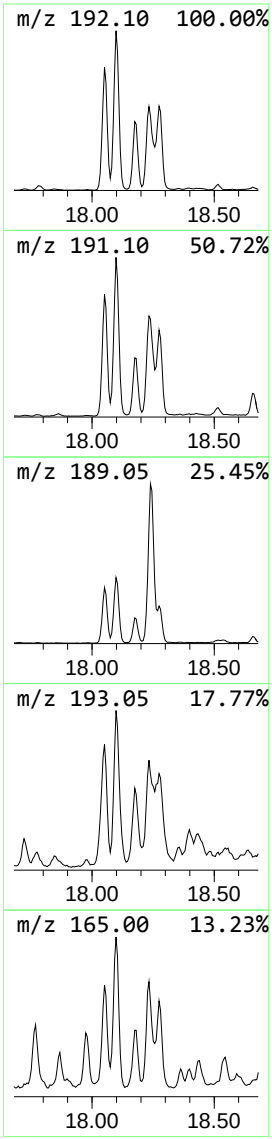
****

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	4.42 ng	802985	Phenanthrene-d10	17.174

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





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-07-2.0-3.0

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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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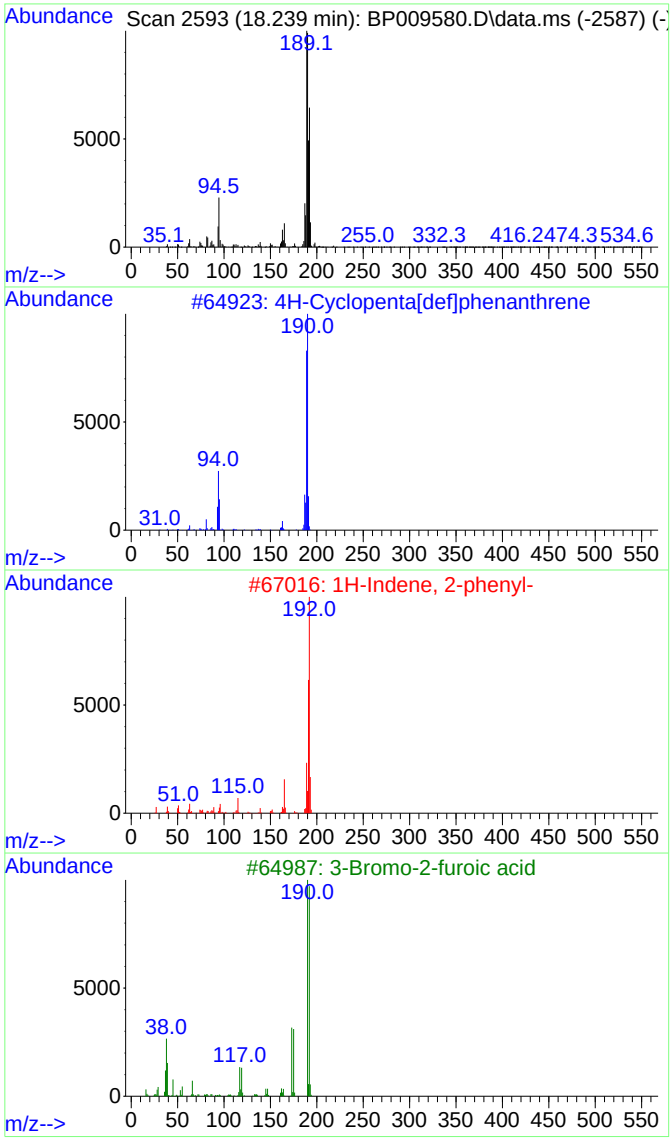
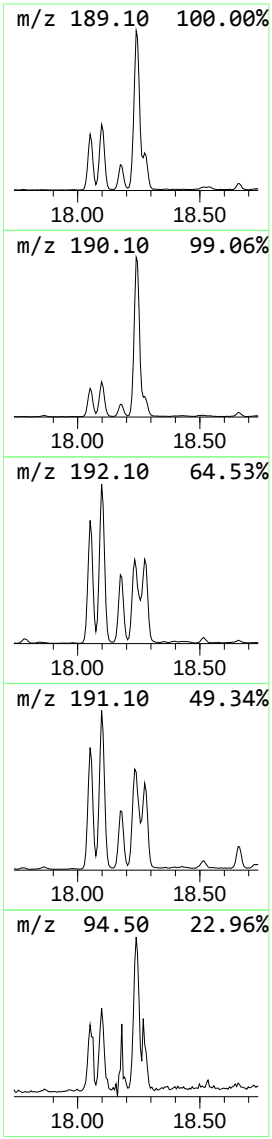
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	14.06 ng	2555090	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
3	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-07-2.0-3.0

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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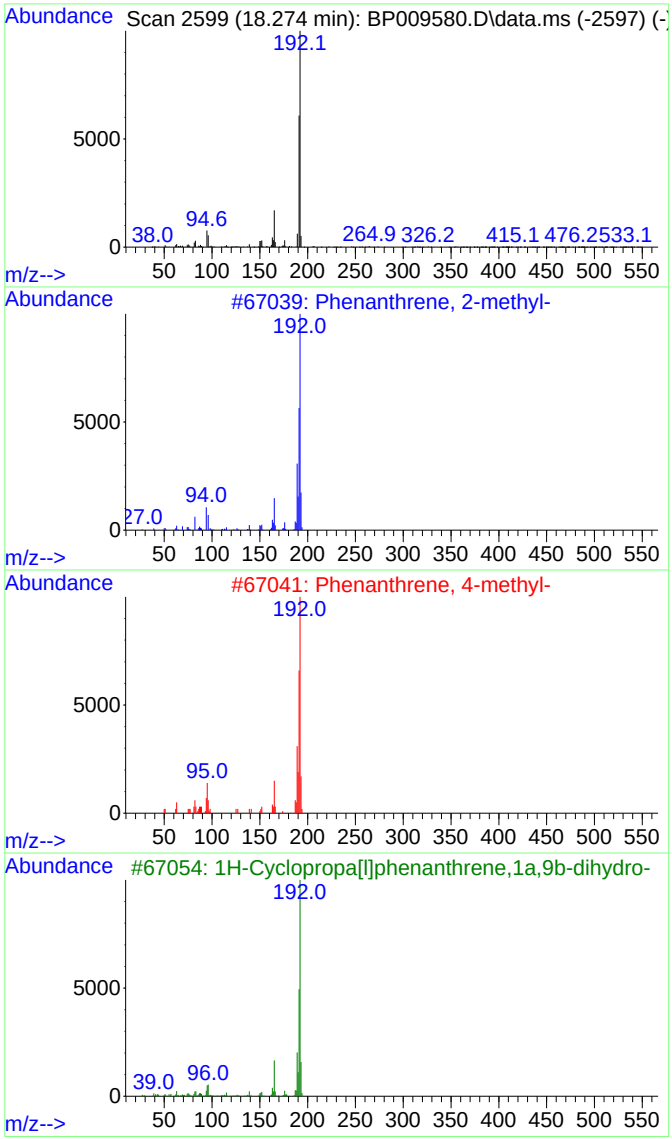
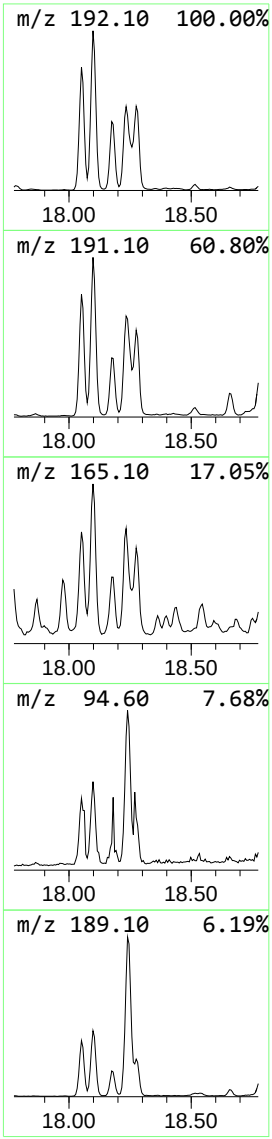
Peak Number 9 Phenanthrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.275	5.18 ng	941781	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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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

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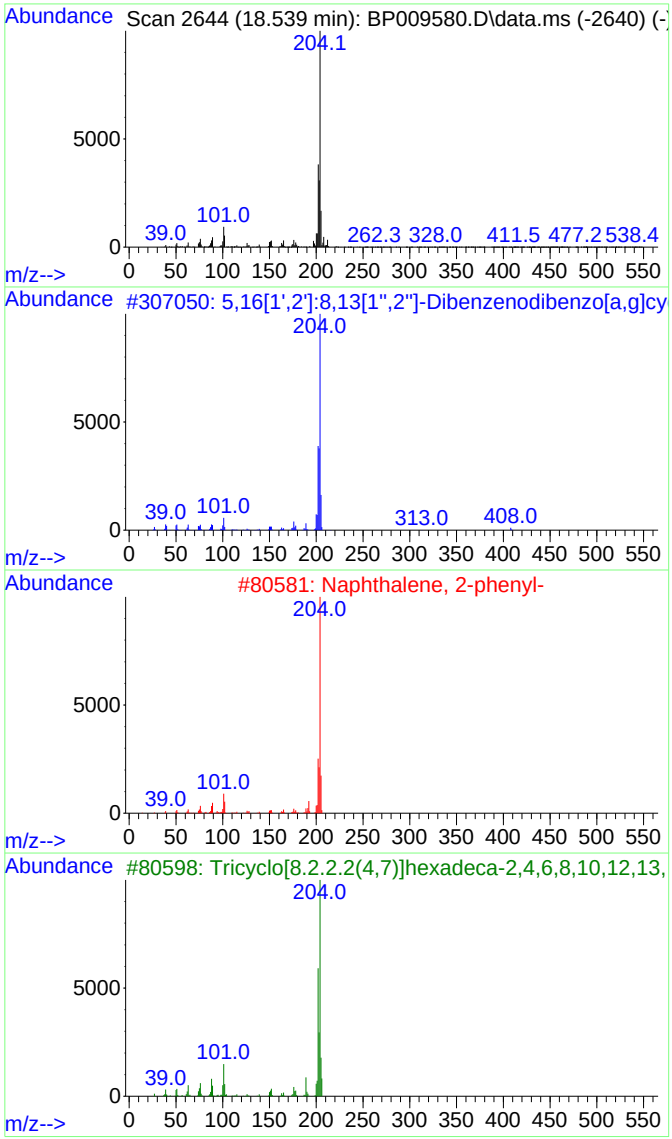
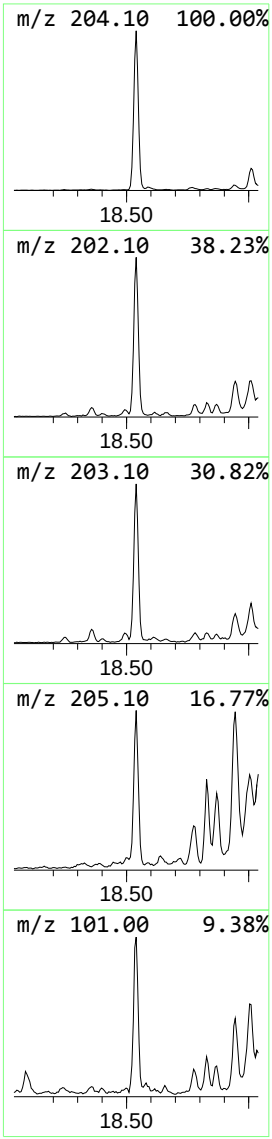
Peak Number 10 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.539	5.87 ng	1066350	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	47
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





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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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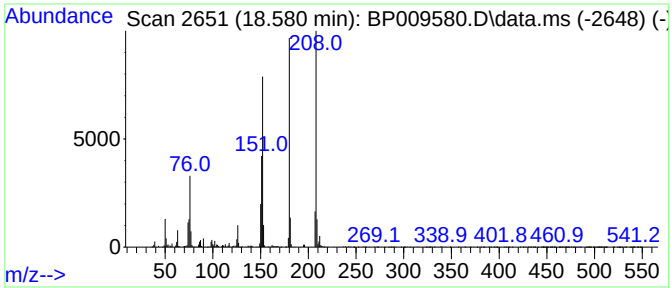
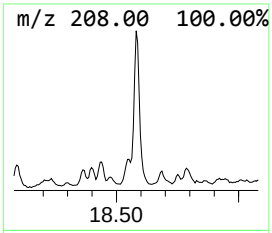
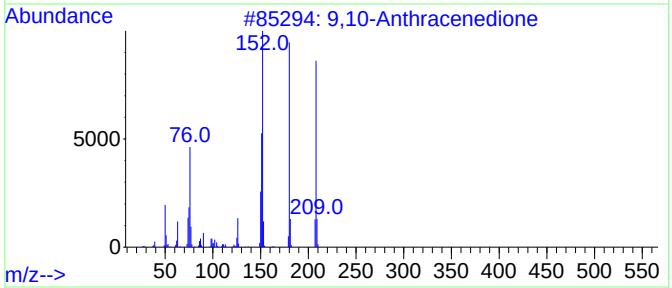
Peak Number 11 9,10-Anthracenedione Concentration Rank 12

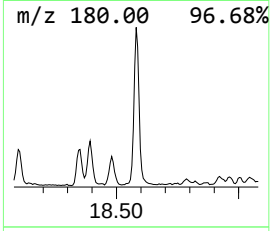
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.580	4.81 ng	873530	Phenanthrene-d10	17.174

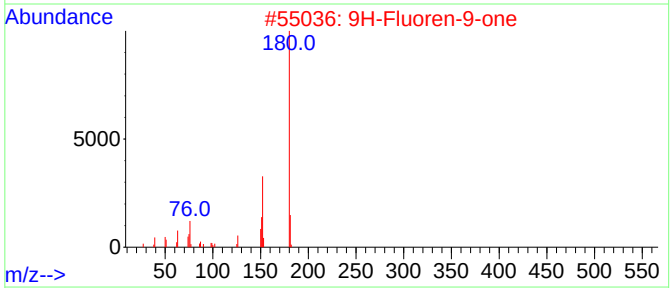
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60

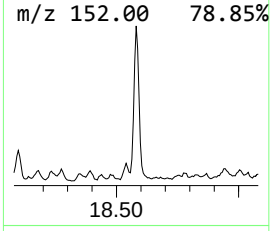


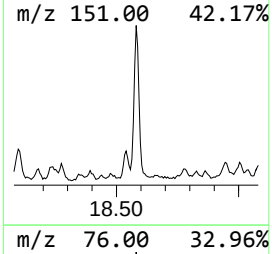


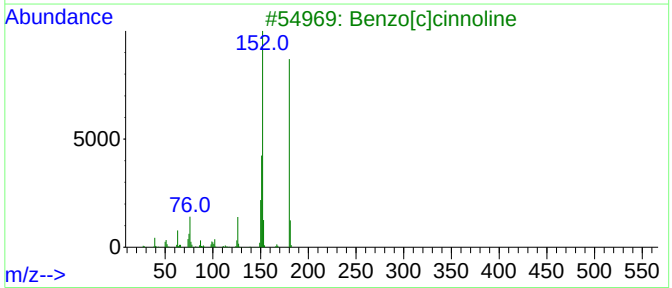


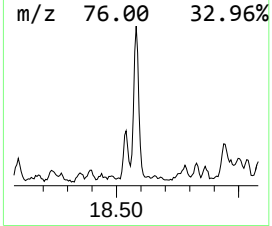












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Operator : CG/JU
Sample : N2095-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-07-2.0-3.0

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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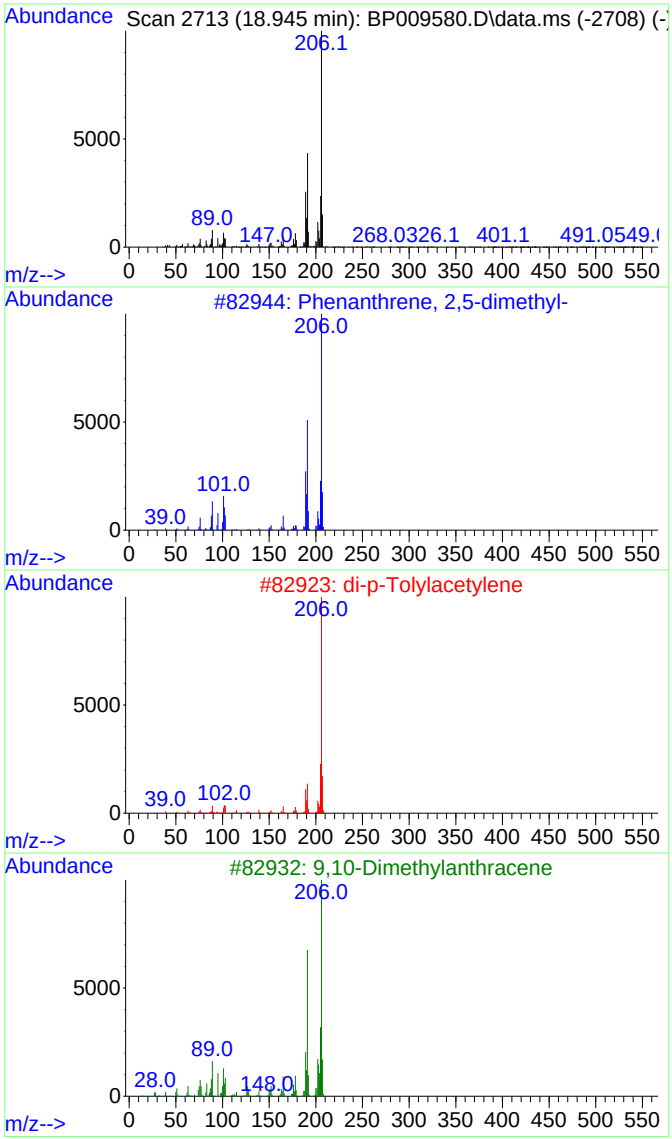
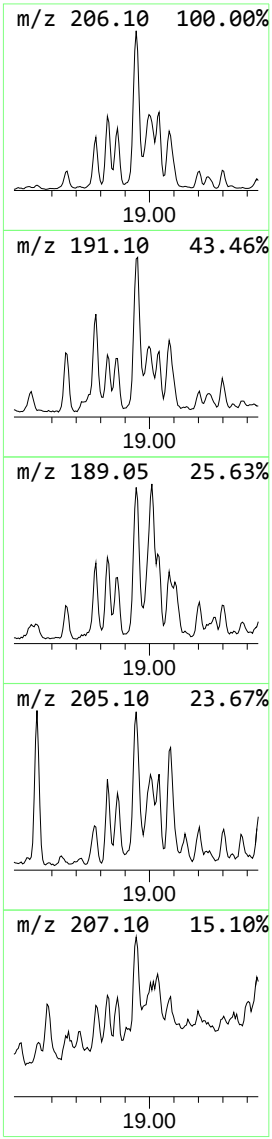
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.945	6.82 ng	1240030	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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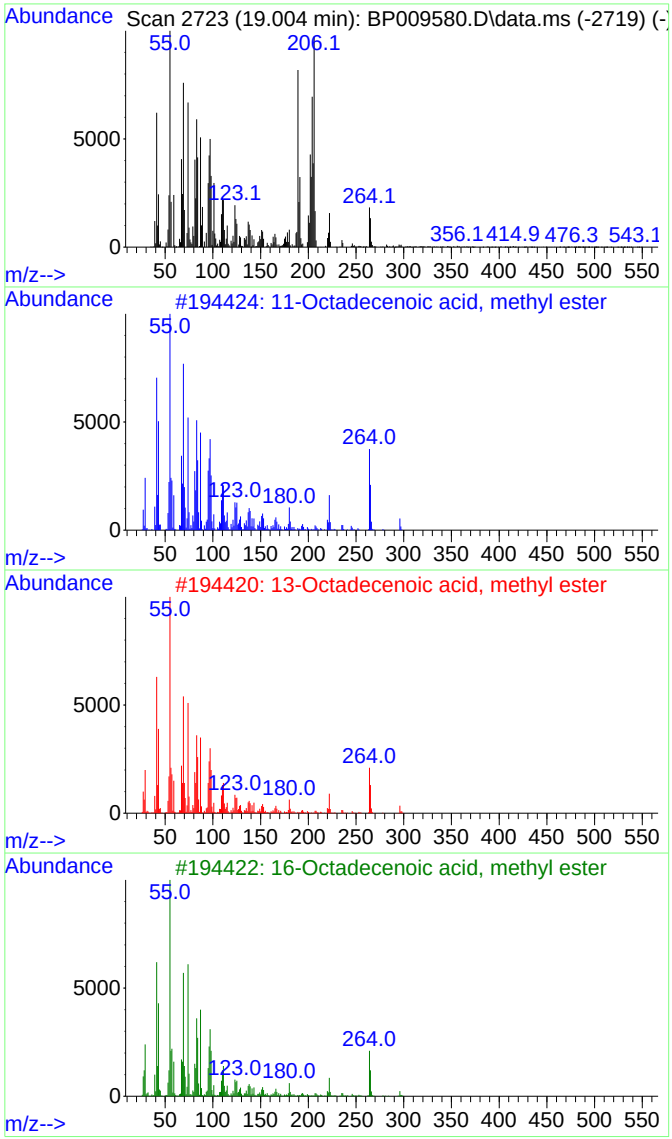
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

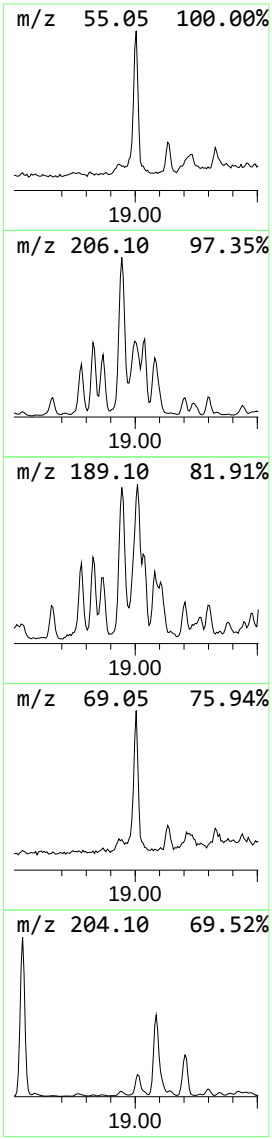
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 11-Octadecenoic acid, methy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.004	5.55 ng	1009210	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	93
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	93
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	93
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	93
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	93





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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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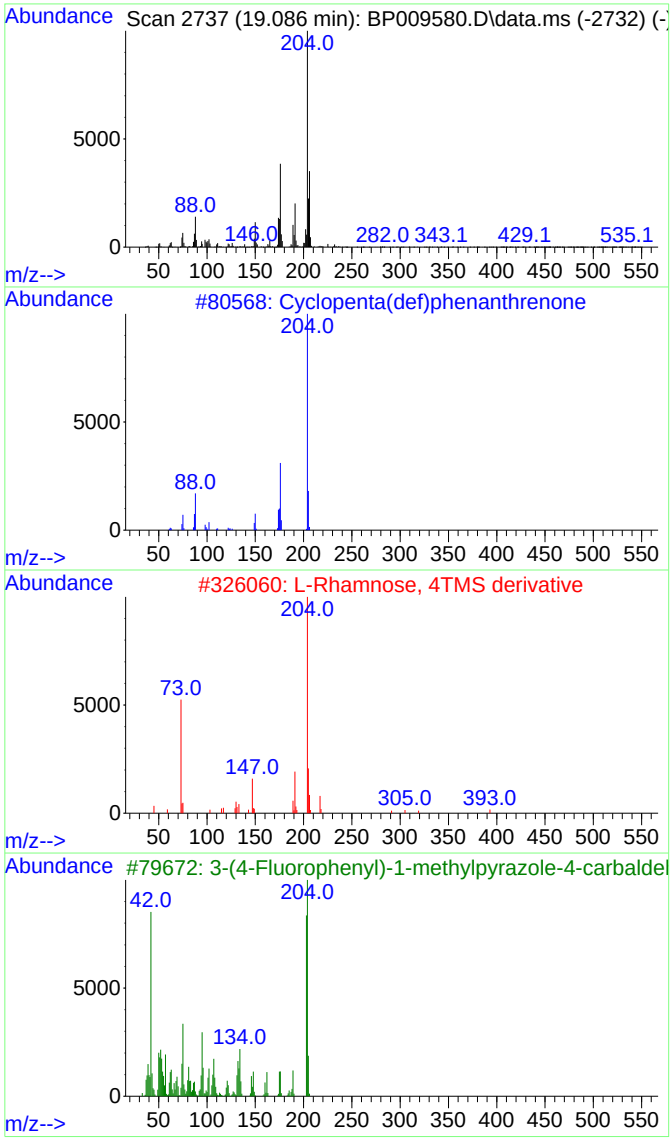
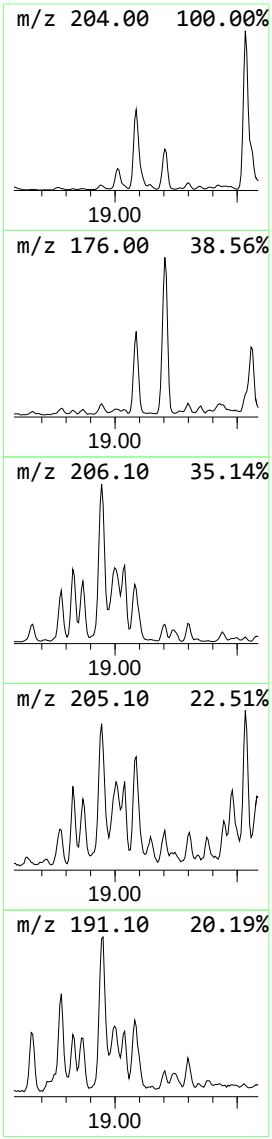
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.086	5.52 ng	1002530	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	L-Rhamnose, 4TMS derivative	452	C18H44O5Si4	019127-15-2	43
3	3-(4-Fluorophenyl)-1-methylpyraz...	204	C11H9FN2O	689250-53-1	43
4	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	43
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41





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Data File : BP009580.D
Acq On : 28 Mar 2022 23:24
Operator : CG/JU
Sample : N2095-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-07-2.0-3.0

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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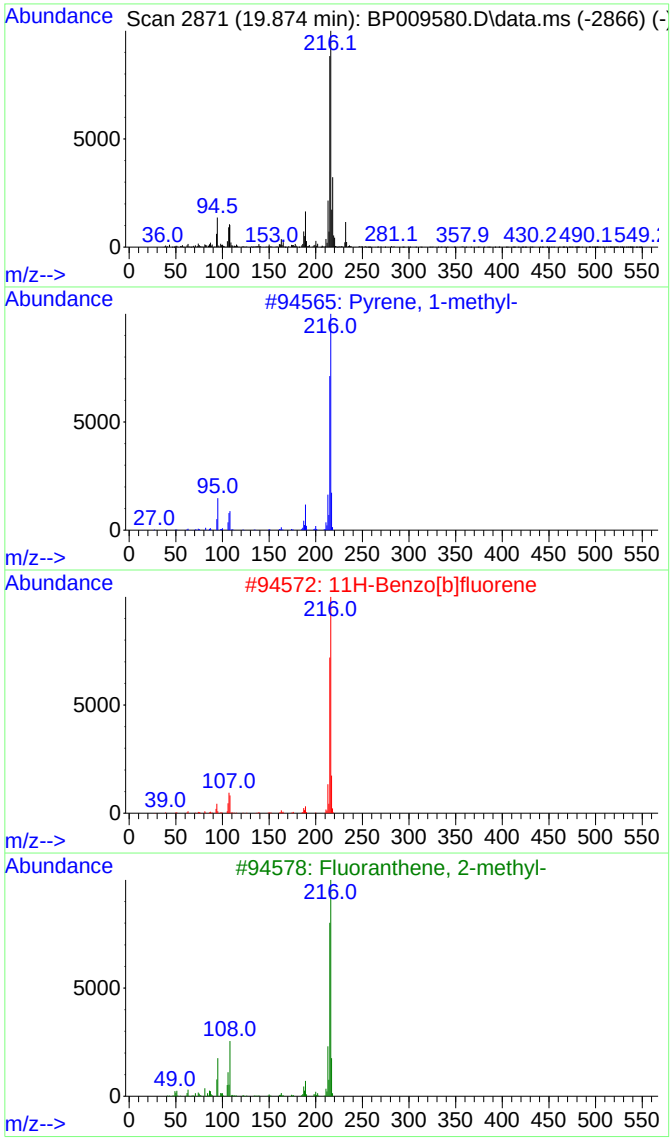
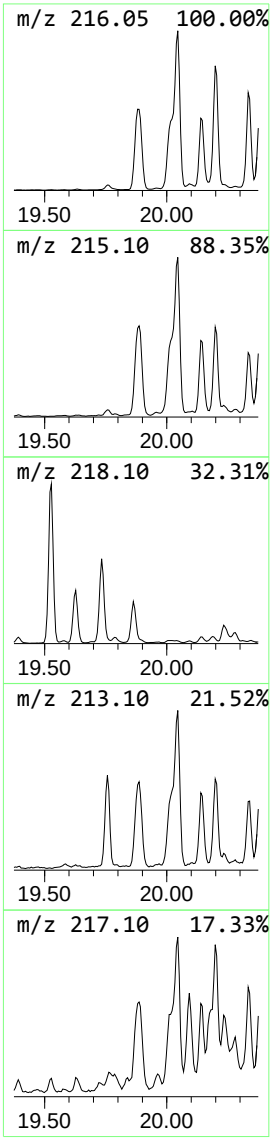
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.874	2.71 ng	1957860	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68





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Acq On : 28 Mar 2022 23:24
Operator : CG/JU
Sample : N2095-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-07-2.0-3.0

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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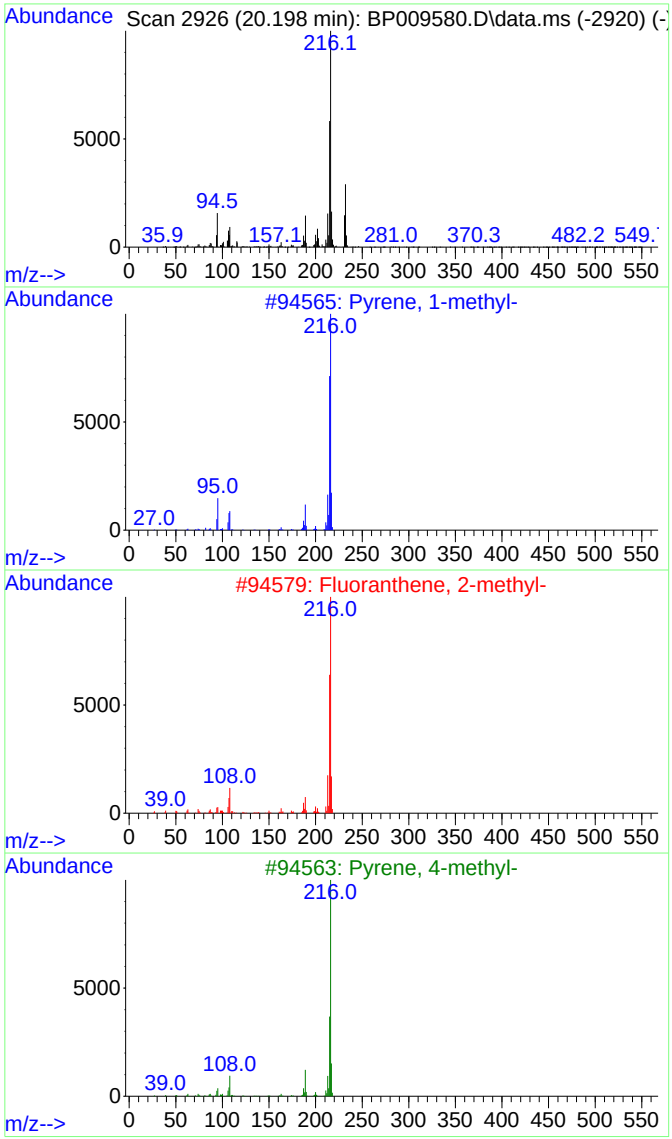
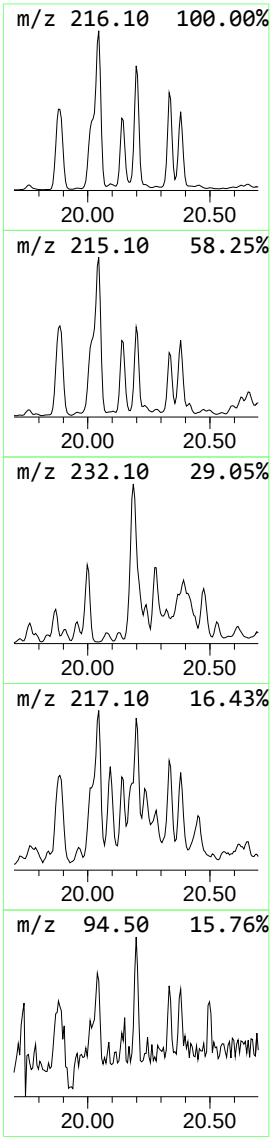
Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.198	2.47 ng	1790070	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70





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Operator : CG/JU
Sample : N2095-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-07-2.0-3.0

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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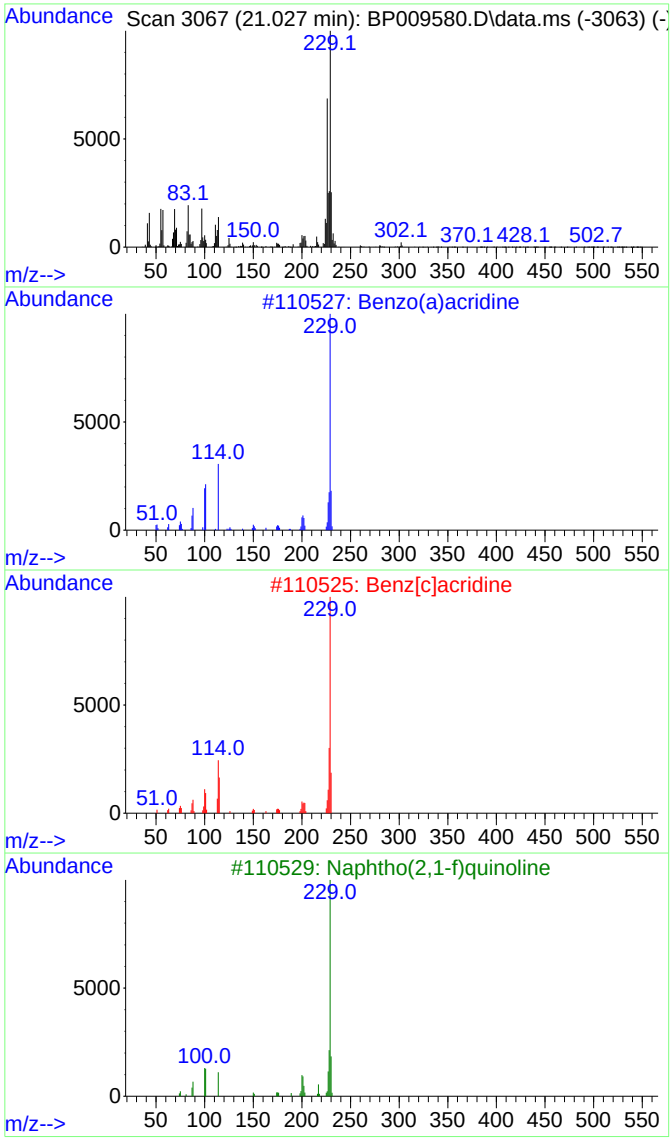
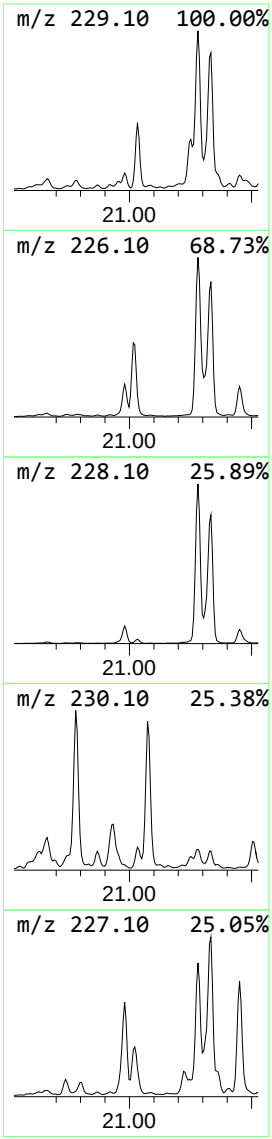
Peak Number 17 Benzo(a)acridine Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.027	4.28 ng	3097950	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)acridine	229	C17H11N	000225-11-6	60
2	Benz[c]acridine	229	C17H11N	000225-51-4	60
3	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	50
4	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	49
5	2-(4-Chlorophenyl)-3H-imidazo[4,...	229	C12H8ClN3	075007-94-2	46





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Acq On : 28 Mar 2022 23:24
Operator : CG/JU
Sample : N2095-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-07-2.0-3.0

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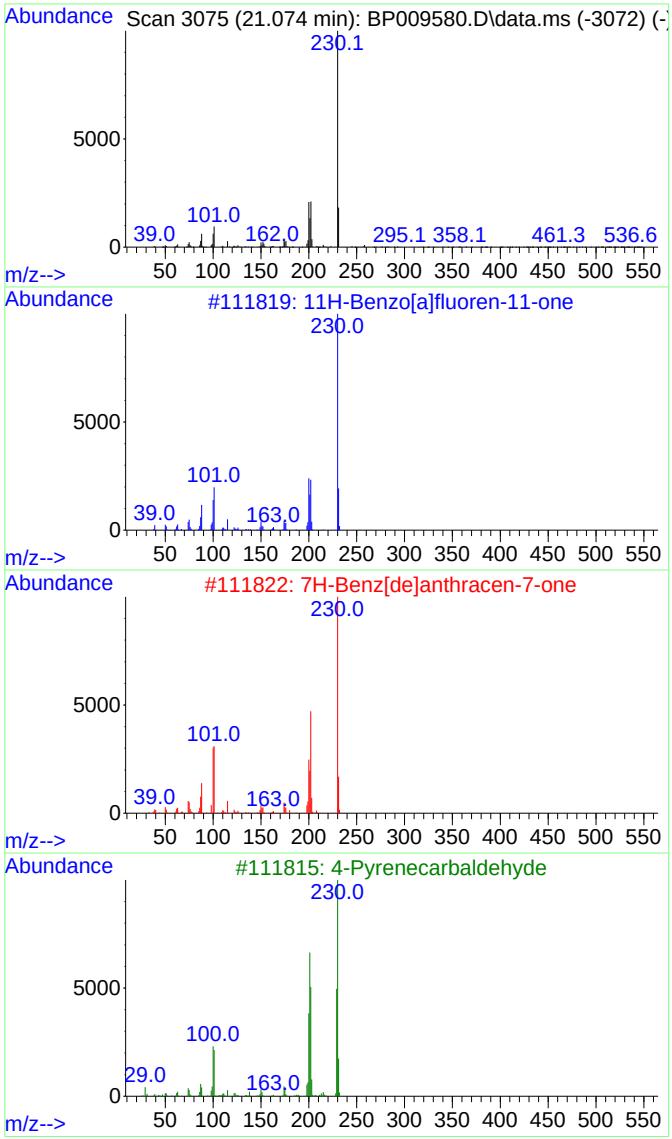
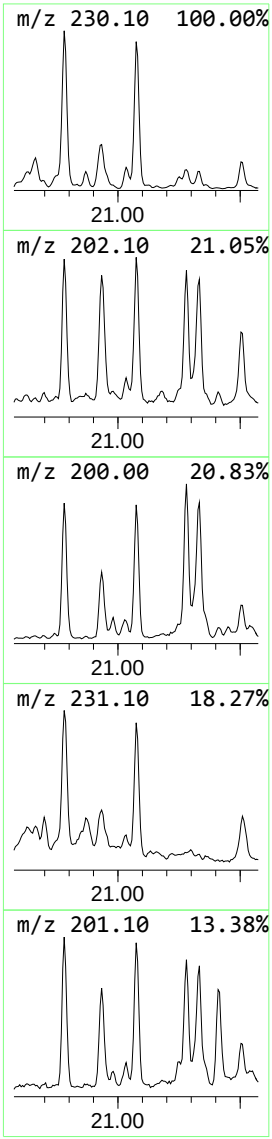
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.074	2.59 ng	1873140	Chrysene-d12	21.298

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	91
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	78
4	o-Terphenyl	230	C18H14	000084-15-1	59
5	benzonitrile, 2-(3-isoquinolinyl)-	230	C16H10N2	1000401-00-3	59





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Acq On : 28 Mar 2022 23:24
Operator : CG/JU
Sample : N2095-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-07-2.0-3.0

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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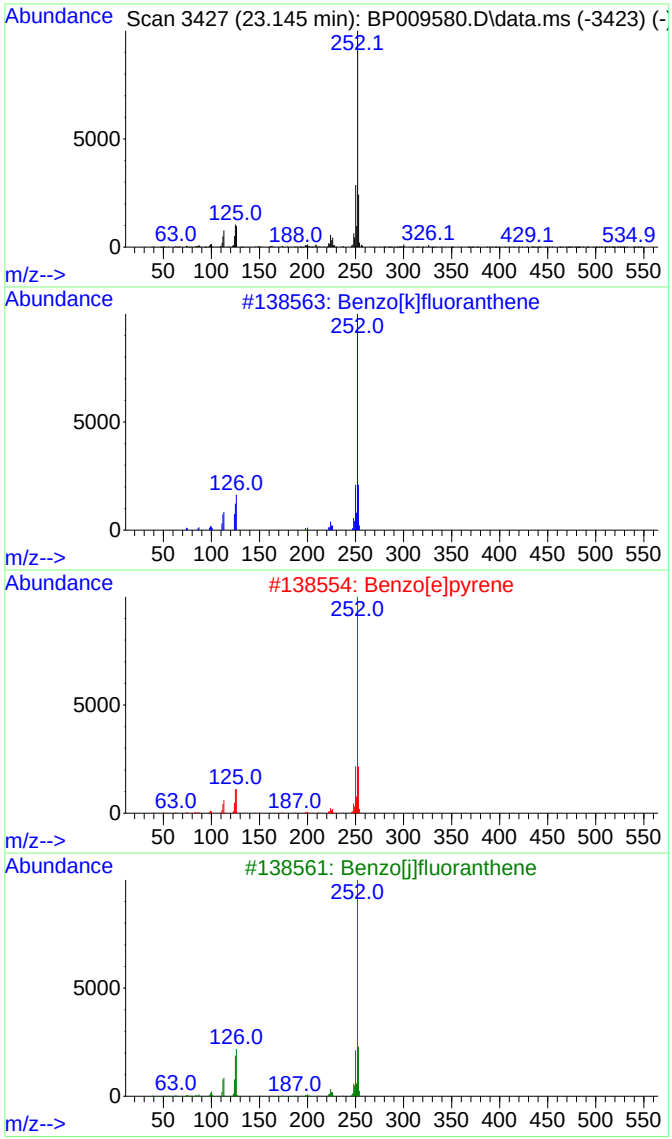
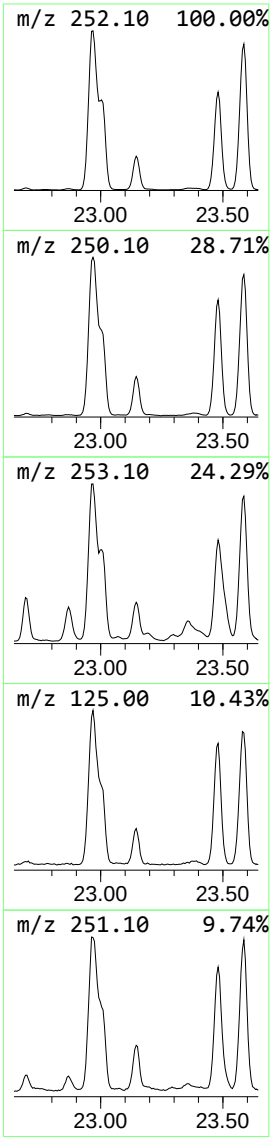
Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.145	7.01 ng	1587530	Perylene-d12	23.692

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	97
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	93





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Data File : BP009580.D
Acq On : 28 Mar 2022 23:24
Operator : CG/JU
Sample : N2095-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-07-2.0-3.0

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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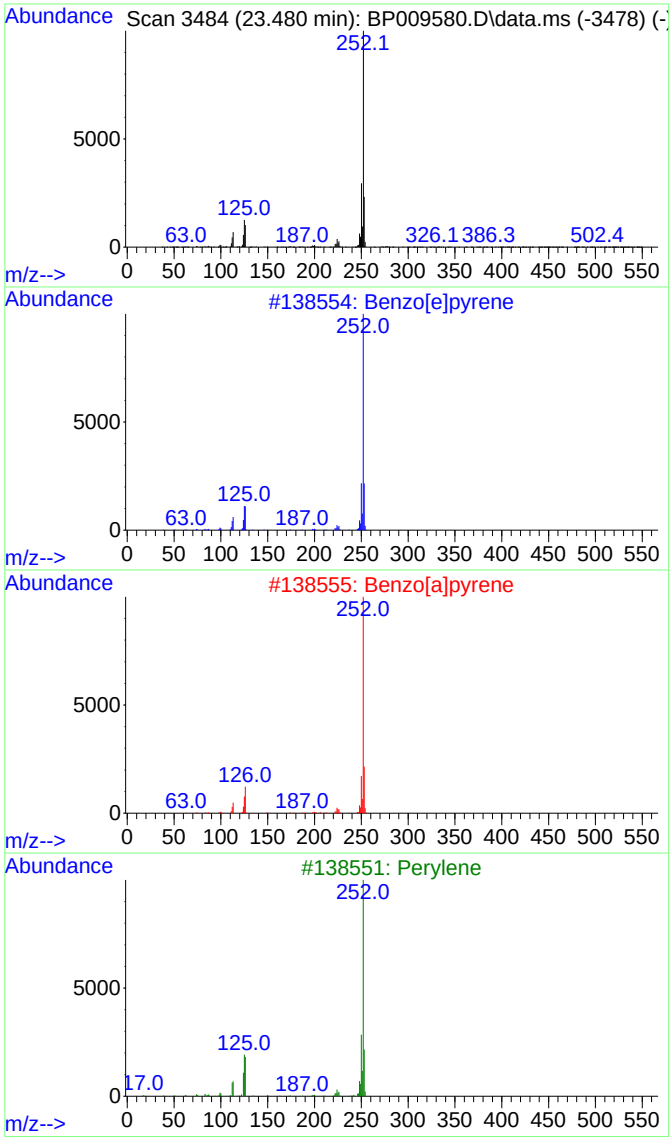
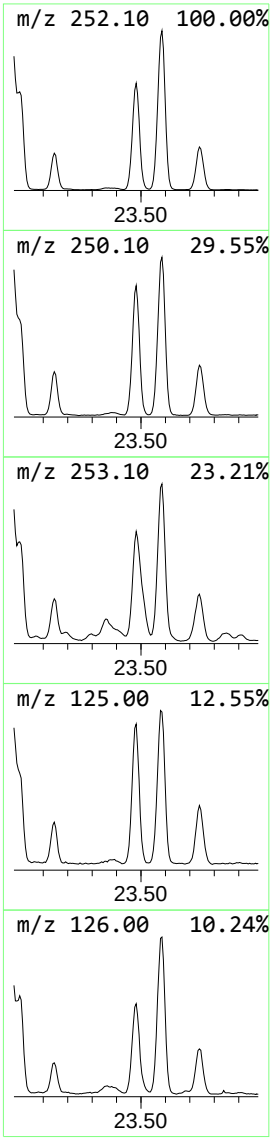
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.480	26.73 ng	6057370	Perylene-d12	23.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009580.D
Acq On : 28 Mar 2022 23:24
Operator : CG/JU
Sample : N2095-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-07-2.0-3.0

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
Butane, 2-metho...	3.016	11.3	ng	934101	1	7.763	1653190	20.0
[1,1'-Biphenyl]...	15.763	2.6	ng	407222	3	14.410	3147570	20.0
9H-Fluoren-9-one	16.833	3.3	ng	597904	4	17.174	3634710	20.0
Dibenzothiophene	16.992	3.9	ng	711627	4	17.174	3634710	20.0
Phenanthrene, 2...	18.051	7.5	ng	1367690	4	17.174	3634710	20.0
Phenanthrene, 1...	18.098	14.6	ng	2647760	4	17.174	3634710	20.0
Anthracene, 1-m...	18.180	4.4	ng	802985	4	17.174	3634710	20.0
4H-Cyclopenta[d...	18.239	14.1	ng	2555090	4	17.174	3634710	20.0
Phenanthrene, 4...	18.275	5.2	ng	941781	4	17.174	3634710	20.0
5,16[1',2']:8,1...	18.539	5.9	ng	1066350	4	17.174	3634710	20.0
9,10-Anthracene...	18.580	4.8	ng	873530	4	17.174	3634710	20.0
Phenanthrene, 2...	18.945	6.8	ng	1240030	4	17.174	3634710	20.0
11-Octadecenoic...	19.004	5.5	ng	1009210	4	17.174	3634710	20.0
Cyclopenta(def)...	19.086	5.5	ng	1002530	4	17.174	3634710	20.0
Pyrene, 1-methyl-	19.874	2.7	ng	1957860	5	21.298	14473900	20.0
Fluoranthene, 2...	20.198	2.5	ng	1790070	5	21.298	14473900	20.0
Benzo(a)acridine	21.027	4.3	ng	3097950	5	21.298	14473900	20.0
11H-Benzo[a]flu...	21.074	2.6	ng	1873140	5	21.298	14473900	20.0
Benzo[e]pyrene	23.145	7.0	ng	1587530	6	23.692	4532120	20.0
Perylene	23.480	26.7	ng	6057370	6	23.692	4532120	20.0