LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008272.D
Acq On : 08 Dec 2021 03:24
Operator : CG/JU
Sample : M4946-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-5

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-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008272.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.381	401	407	415	rBV	84040	135619	1.81%	0.188%
2	6.981	674	679	690	rBV	59069	120984	1.61%	0.168%
3	7.781	807	815	826	rBV	243058	377356	5.03%	0.523%
4	10.581	1283	1291	1297	rBV	268852	480456	6.41%	0.666%
5	13.051	1705	1711	1724	rBV	118910	183711	2.45%	0.255%
6	14.434	1936	1946	1952	rBV	454570	686955	9.16%	0.952%
7	14.498	1952	1957	1966	rVB	146459	233638	3.12%	0.324%
8	14.834	2009	2014	2020	rBV	74784	121227	1.62%	0.168%
9	15.486	2120	2125	2136	rVB2	128243	201470	2.69%	0.279%
10	15.786	2171	2176	2185	rVB	61504	98211	1.31%	0.136%
11	15.933	2193	2201	2209	rBV2	162574	304750	4.06%	0.422%
12	16.145	2232	2237	2248	rBV2	87040	178792	2.38%	0.248%
13	16.498	2286	2297	2302	rBV3	39842	113304	1.51%	0.157%
14	16.728	2328	2336	2340	rBV3	46692	93375	1.25%	0.129%
15	16.851	2352	2357	2365	rVB	203220	297042	3.96%	0.412%
16	16.922	2365	2369	2379	rBV4	50320	135319	1.80%	0.188%
17	17.010	2380	2384	2394	rVB	123144	204206	2.72%	0.283%
18	17.198	2410	2416	2419	rBV	629228	949386	12.66%	1.316%
19	17.239	2419	2423	2429	rVV	2644164	3710137	49.49%	5.141%
20	17.328	2430	2438	2444	rVV	590914	911157	12.15%	1.263%
21	17.392	2444	2449	2455	rVV2	61544	102739	1.37%	0.142%
22	17.610	2477	2486	2490	rBV2	270683	496041	6.62%	0.687%
23	17.716	2500	2504	2511	rVB2	79459	119449	1.59%	0.166%
24	17.780	2511	2515	2523	rBV4	75342	131730	1.76%	0.183%
25	18.069	2558	2564	2568	rBV	352324	499348	6.66%	0.692%
26	18.116	2568	2572	2578	rVB	545707	706995	9.43%	0.980%
27	18.192	2580	2585	2590	rBV	168830	246035	3.28%	0.341%
28	18.257	2590	2596	2600	rBV2	539995	913187	12.18%	1.265%
29	18.292	2600	2602	2609	rVB	231354	273477	3.65%	0.379%
30	18.557	2642	2647	2650	rBV	334082	432469	5.77%	0.599%
31	18.604	2650	2655	2660	rVB	427797	570135	7.60%	0.790%
32	18.792	2684	2687	2691	rVV2	82604	102777	1.37%	0.142%
33	18.845	2692	2696	2699	rVV	93478	111720	1.49%	0.155%
34	18.880	2699	2702	2706	rVB2	89593	113043	1.51%	0.157%
35	18.963	2711	2716	2719	rBV	167423	270773	3.61%	0.375%
36	19.104	2735	2740	2748	rVB2	402917	587243	7.83%	0.814%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008272.D
Acq On : 08 Dec 2021 03:24
Operator : CG/JU
Sample : M4946-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-5

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-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.222	2753	2760	2766	rBV	5489280	7497028	100.00%	10.389%
38	19.280	2767	2770	2773	rVV	73826	86780	1.16%	0.120%
39	19.316	2773	2776	2781	rVB	129916	168400	2.25%	0.233%
40	19.416	2788	2793	2796	rBV4	97992	194369	2.59%	0.269%
41	19.451	2796	2799	2803	rVB2	136452	206502	2.75%	0.286%
42	19.545	2810	2815	2816	rBV	1071067	1302006	17.37%	1.804%
43	19.574	2816	2820	2827	rVV	4490726	6113642	81.55%	8.472%
44	19.639	2827	2831	2837	rVB2	262825	378638	5.05%	0.525%
45	19.751	2845	2850	2851	rBV	336550	458444	6.12%	0.635%
46	19.810	2856	2860	2866	rVB	296247	421333	5.62%	0.584%
47	19.898	2868	2875	2880	rBV3	299034	771907	10.30%	1.070%
48	19.945	2880	2883	2886	rVV	82933	88303	1.18%	0.122%
49	20.022	2891	2896	2898	rVV4	267460	466775	6.23%	0.647%
50	20.057	2899	2902	2907	rVB	473857	603622	8.05%	0.836%
51	20.157	2915	2919	2922	rBV	203649	262326	3.50%	0.364%
52	20.210	2922	2928	2932	rVV2	435527	814518	10.86%	1.129%
53	20.245	2932	2934	2938	rVV2	211479	237493	3.17%	0.329%
54	20.292	2939	2942	2946	rVB3	103896	128458	1.71%	0.178%
55	20.351	2948	2952	2955	rBV	199032	269967	3.60%	0.374%
56	20.392	2955	2959	2963	rVV2	240039	316849	4.23%	0.439%
57	20.792	3023	3027	3034	rBV	789904	992630	13.24%	1.376%
58	20.951	3049	3054	3058	rBV2	602931	1042254	13.90%	1.444%
59	20.992	3058	3061	3064	rVV	506223	685739	9.15%	0.950%
60	21.033	3064	3068	3072	rVV2	553669	981420	13.09%	1.360%
61	21.086	3072	3077	3086	rVB2	1110654	1646323	21.96%	2.281%
62	21.292	3104	3112	3117	rBV3	3321504	6032479	80.46%	8.360%
63	21.345	3117	3121	3130	rVB	2653942	3629133	48.41%	5.029%
64	21.463	3137	3141	3147	rBV	318444	414598	5.53%	0.575%
65	21.521	3148	3151	3154	rBV4	133386	195588	2.61%	0.271%
66	21.633	3165	3170	3175	rBV2	387535	592433	7.90%	0.821%
67	21.816	3198	3201	3205	rBV2	134224	182710	2.44%	0.253%
68	21.880	3208	3212	3216	rVV	397947	577688	7.71%	0.801%
69	21.933	3218	3221	3227	rVB2	295706	448432	5.98%	0.621%
70	22.086	3244	3247	3250	rBV2	185389	271685	3.62%	0.376%
71	22.392	3296	3299	3304	rBV2	159674	230565	3.08%	0.320%
72	22.980	3391	3399	3403	rBV	2001568	5070182	67.63%	7.026%
73	23.157	3424	3429	3435	rBV	347695	556797	7.43%	0.772%
74	23.492	3480	3486	3496	rVB	1077487	2248334	29.99%	3.116%
75	23.598	3497	3504	3511	rVB	1650632	3183722	42.47%	4.412%
76	23.698	3516	3521	3526	rVV2	611391	1317260	17.57%	1.825%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008272.D
Acq On : 08 Dec 2021 03:24
Operator : CG/JU
Sample : M4946-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-5

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-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	23.751	3526	3530	3539	rVB2	464224	1016111	13.55%	1.408%
78	24.315	3622	3626	3635	rVB2	371315	738695	9.85%	1.024%
79	26.198	3939	3946	3958	rVB	845867	2510076	33.48%	3.478%
80	26.962	4071	4076	4090	rVB	517071	1595985	21.29%	2.212%

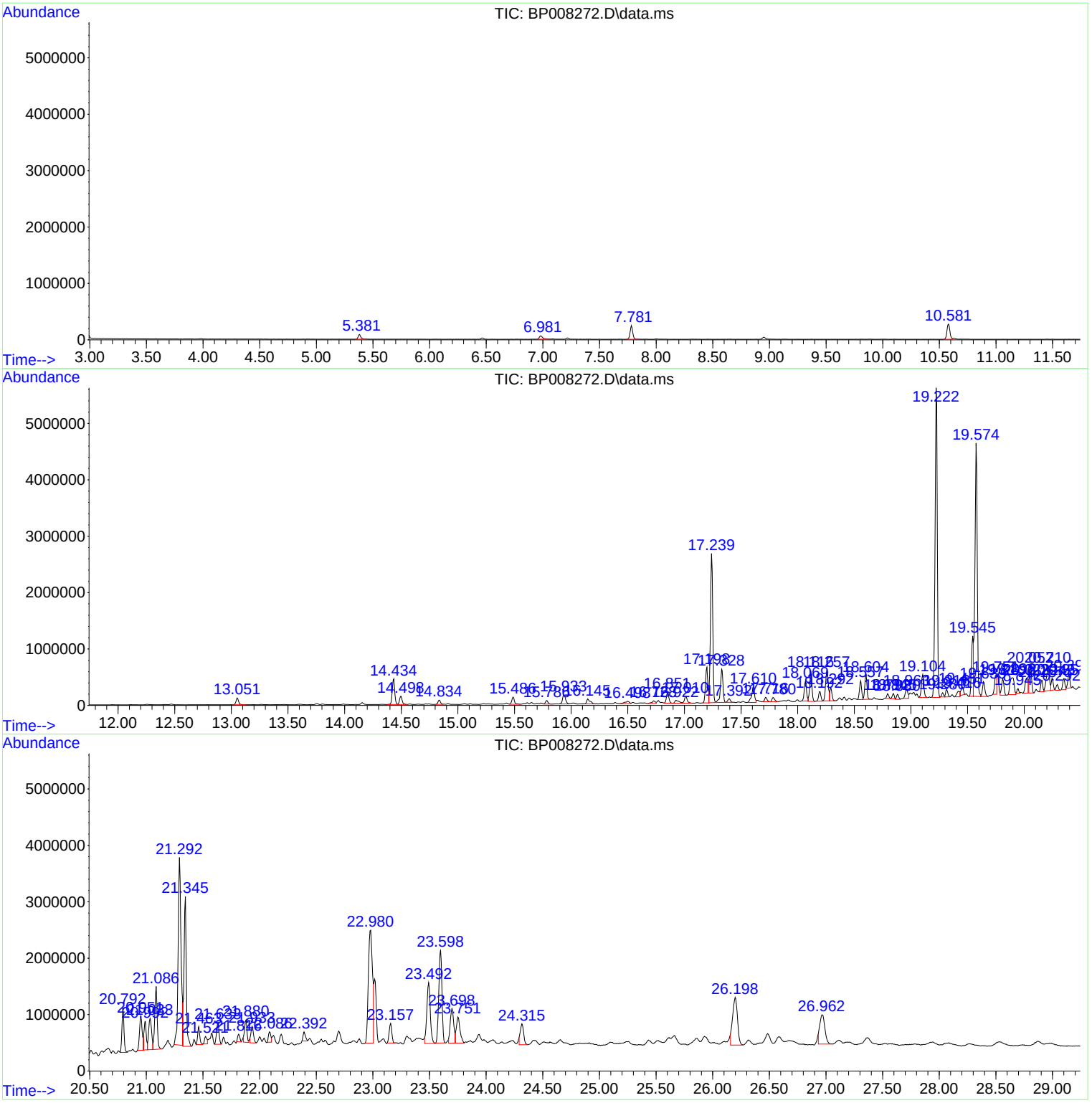
Sum of corrected areas: 72162455

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008272.D
Acq On : 08 Dec 2021 03:24
Operator : CG/JU
Sample : M4946-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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\BP120721\
Data File : BP008272.D
Acq On : 08 Dec 2021 03:24
Operator : CG/JU
Sample : M4946-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

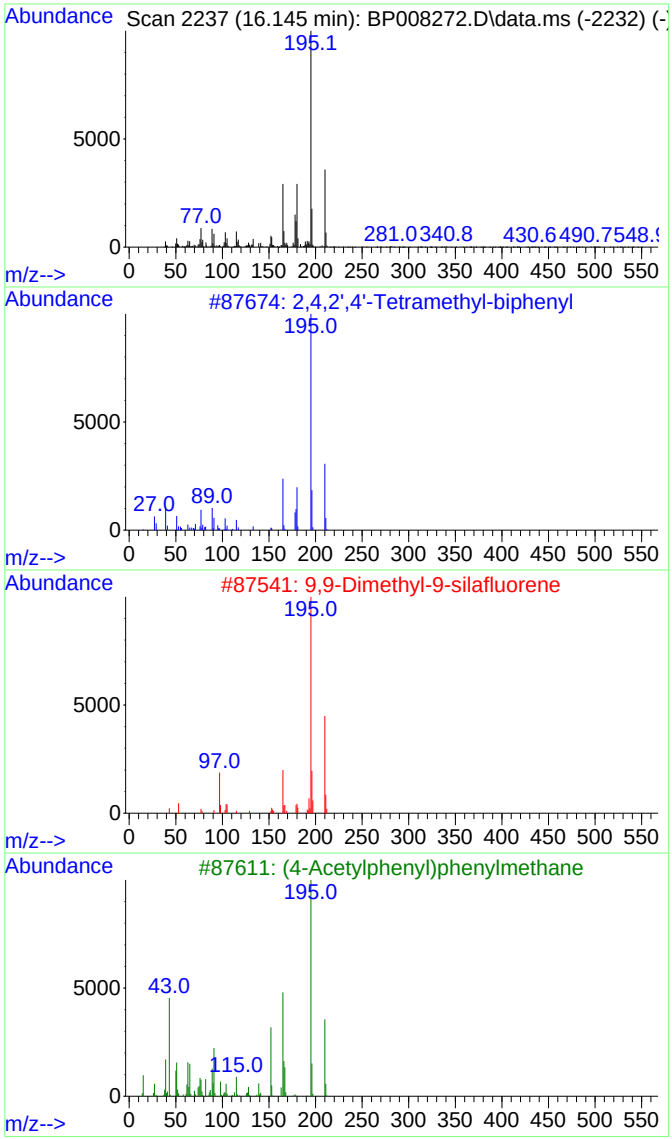
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

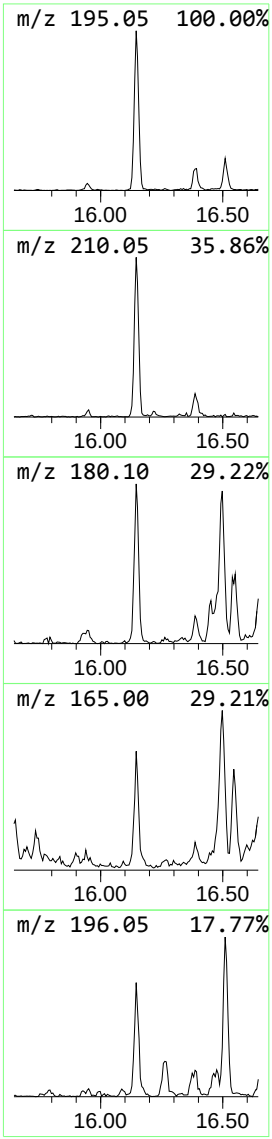
****

Peak Number 1 2,4,2',4'-Tetramethyl-biphenyl Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.145	3.77 ng	178792	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,2',4'-Tetramethyl-biphenyl	210	C16H18	1000486-97-7	87
2	9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	74
3	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	68
4	2-Amino-6,7-dimethyl-5,6,7,8-tet...	195	C8H13N5O	1000239-36-2	53
5	2',4',5'-Trimethoxyacetophenone	210	C11H14O4	1000433-06-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008272.D
Acq On : 08 Dec 2021 03:24
Operator : CG/JU
Sample : M4946-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

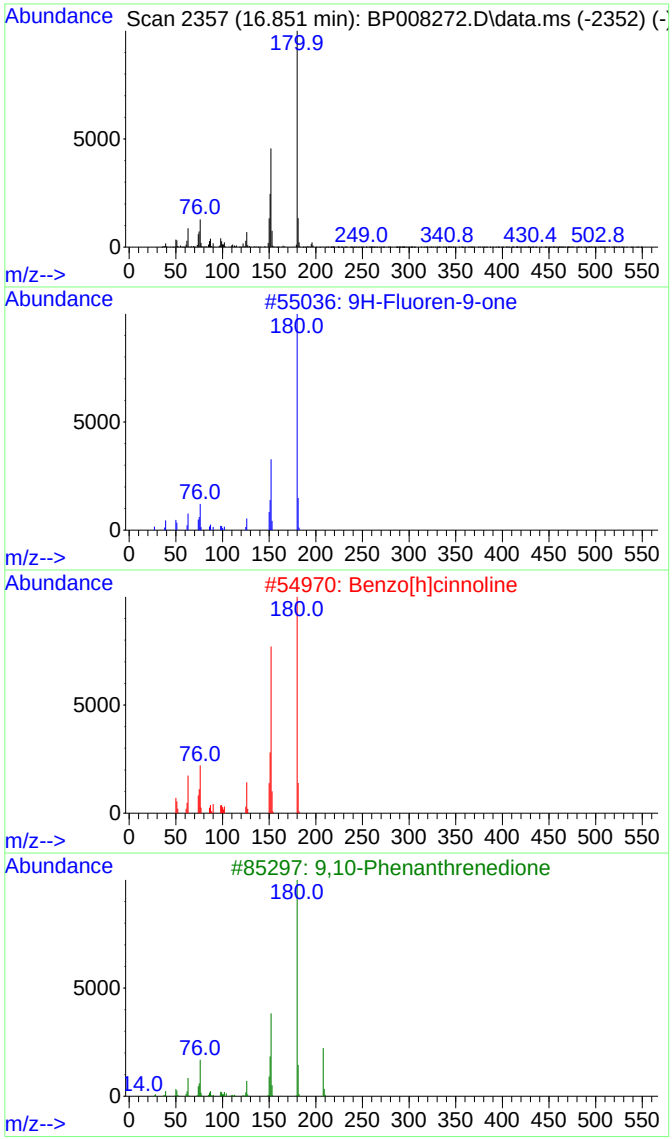
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

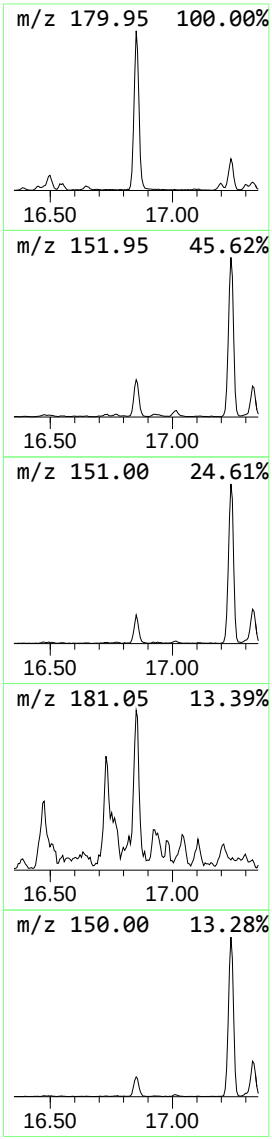
****

Peak Number 2 9H-Fluoren-9-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.851	6.26 ng	297042	Phenanthrene-d10	17.198

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	90
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
5	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008272.D
Acq On : 08 Dec 2021 03:24
Operator : CG/JU
Sample : M4946-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

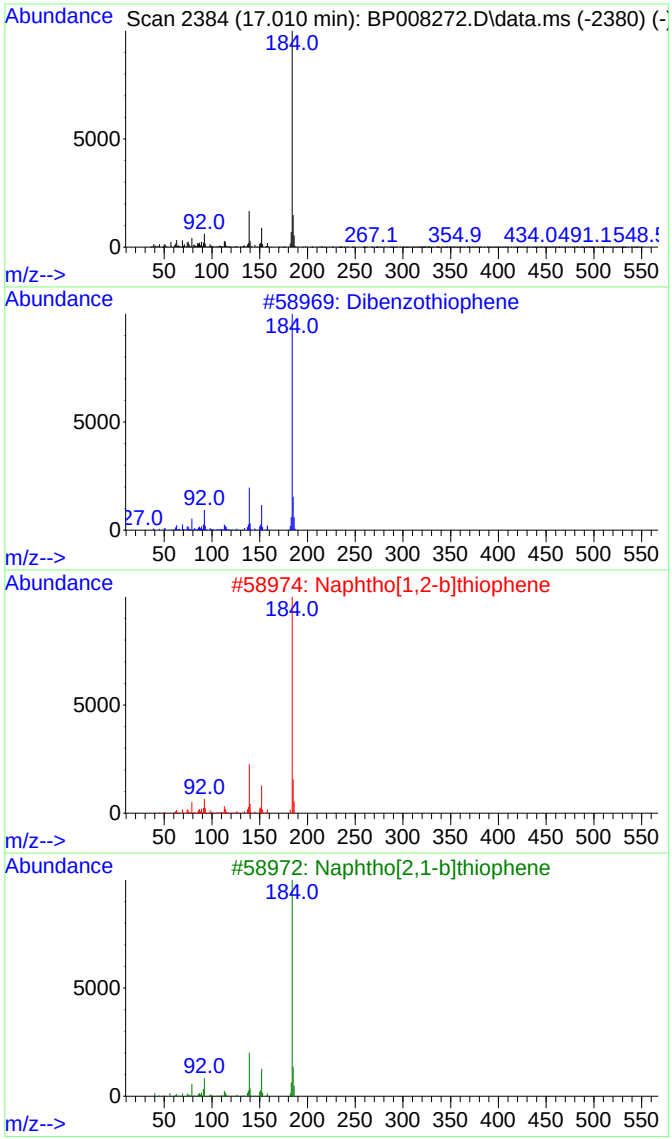
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

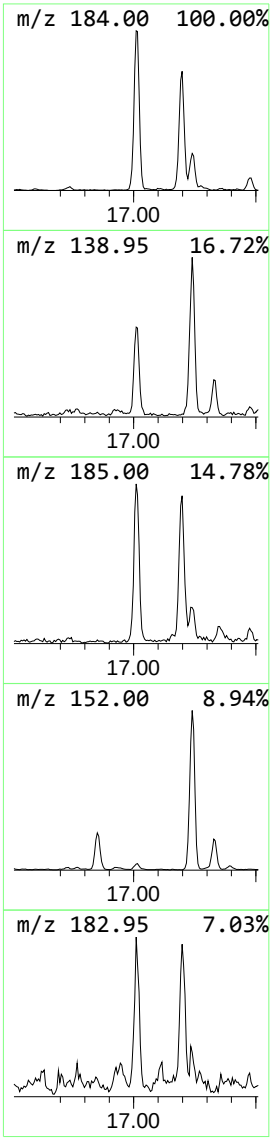
****

Peak Number 3 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.010	4.30 ng	204206	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008272.D
Acq On : 08 Dec 2021 03:24
Operator : CG/JU
Sample : M4946-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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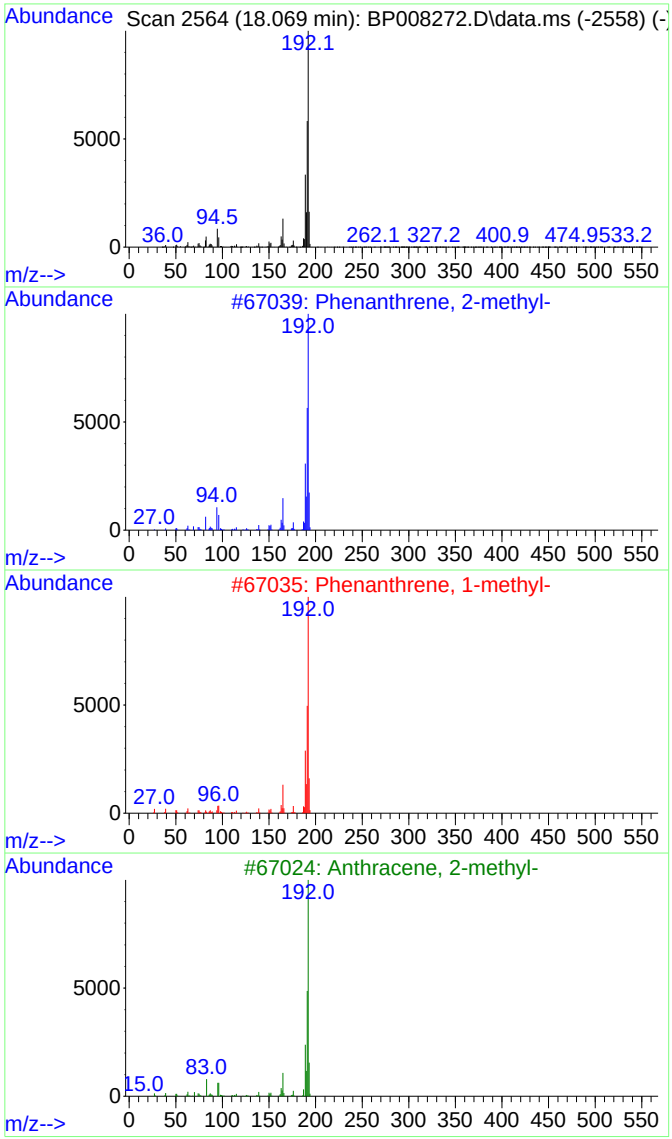
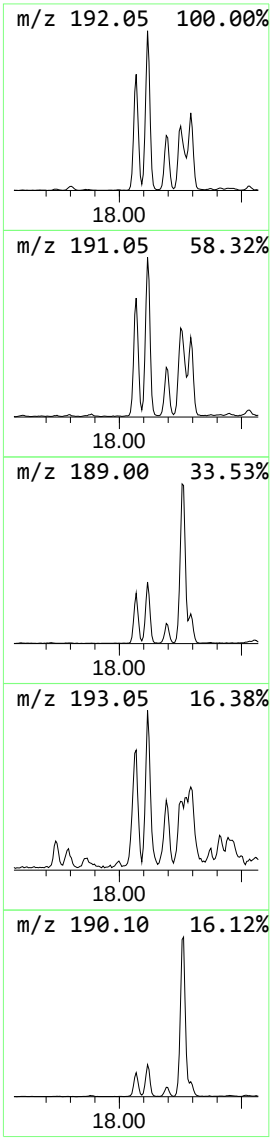
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	10.52 ng	499348	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008272.D
Acq On : 08 Dec 2021 03:24
Operator : CG/JU
Sample : M4946-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

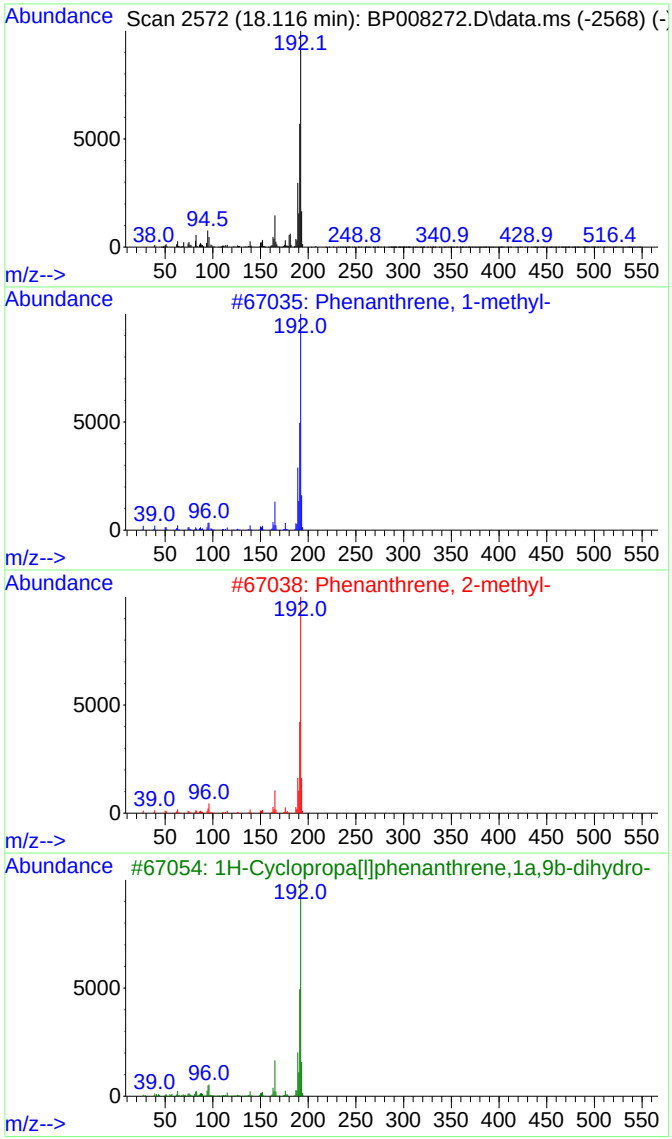
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

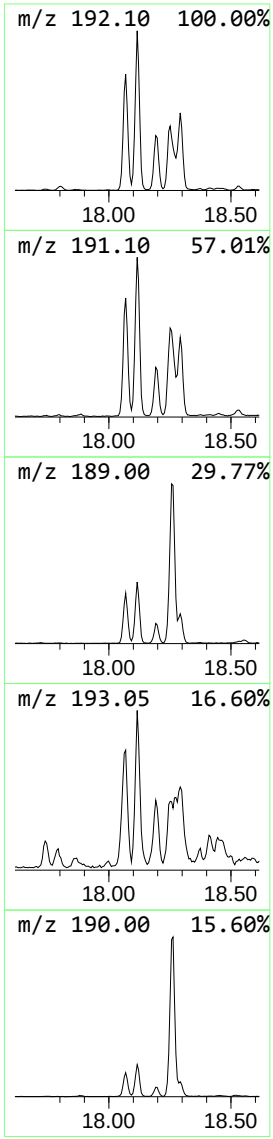
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.116	14.89 ng	706995	Phenanthrene-d10	17.198

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	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008272.D
Acq On : 08 Dec 2021 03:24
Operator : CG/JU
Sample : M4946-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-5

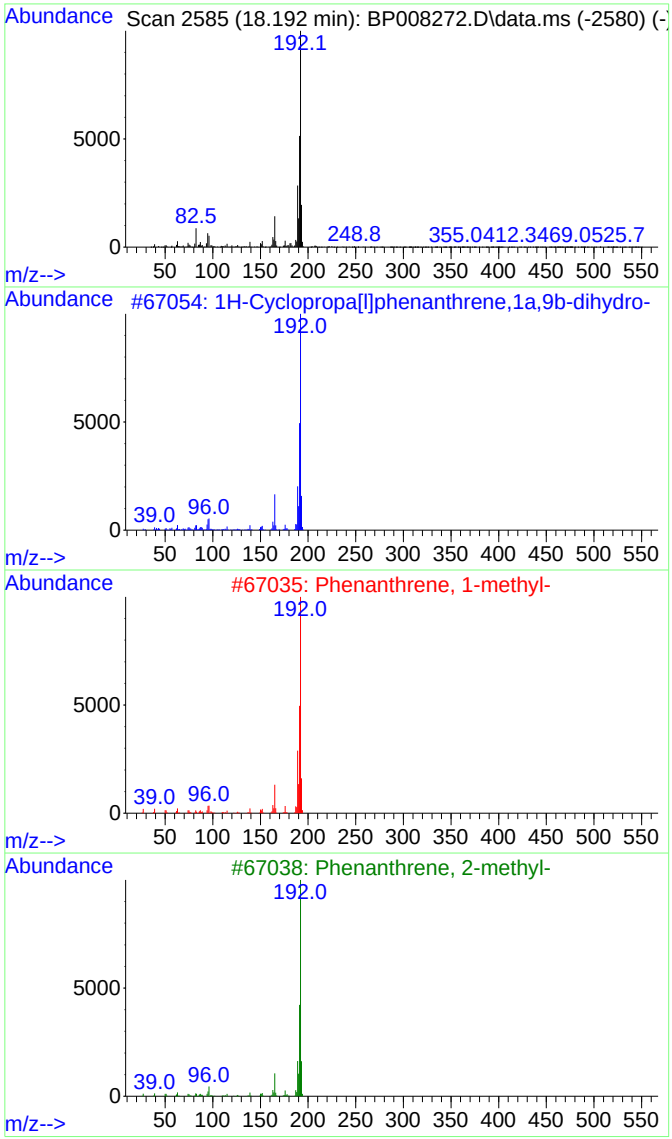
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

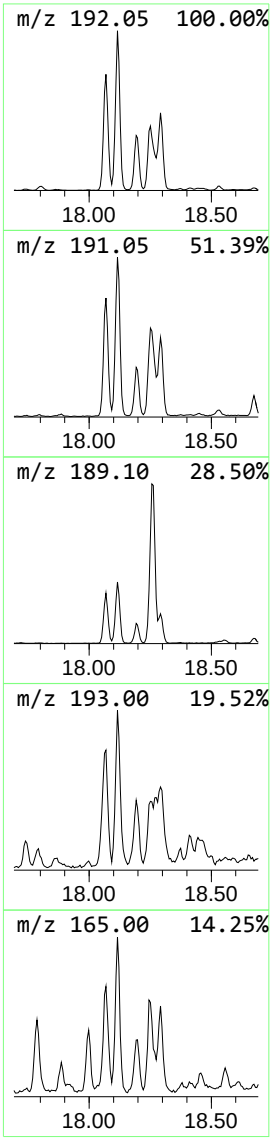
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	5.18 ng	246035	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96





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Acq On : 08 Dec 2021 03:24
Operator : CG/JU
Sample : M4946-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-5

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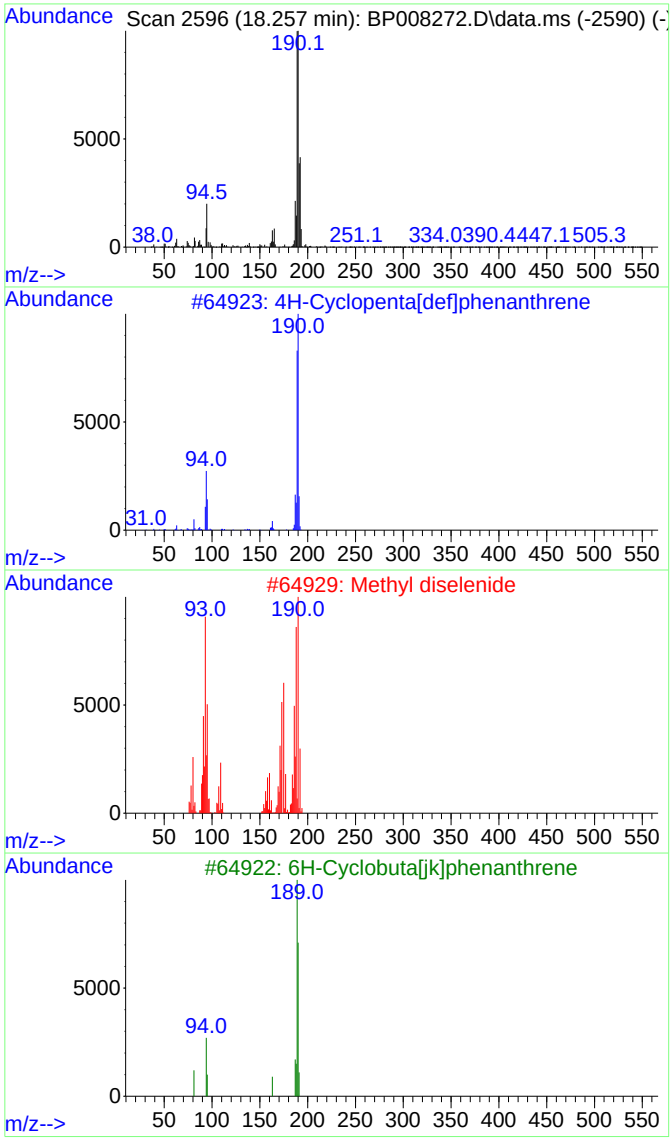
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

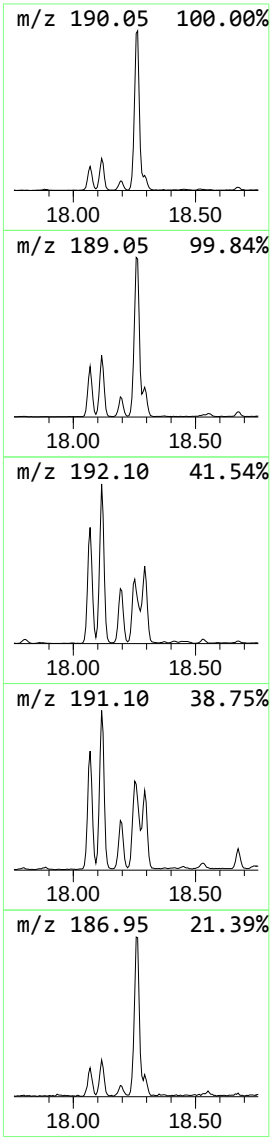
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.257	19.24 ng	913187	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Methyl diselenide	190	C2H6Se2	007101-31-7	45
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25





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Sample : M4946-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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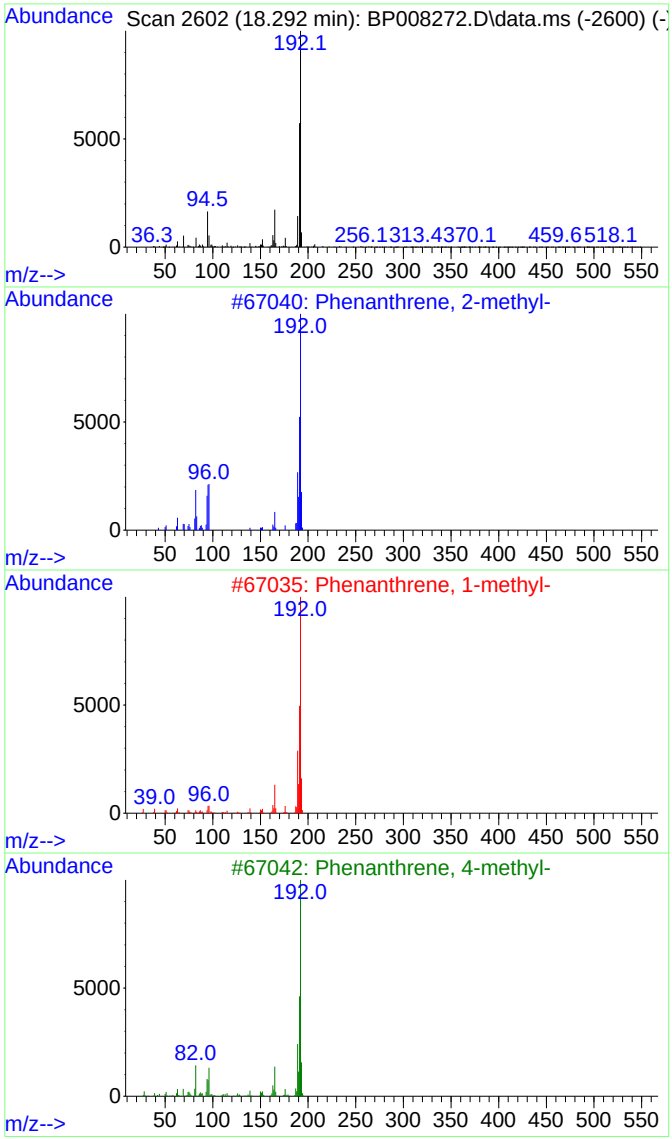
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

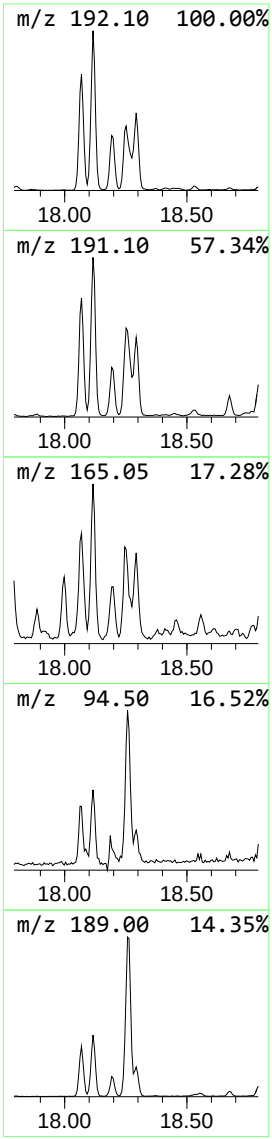
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	5.76 ng	273477	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	80
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	80





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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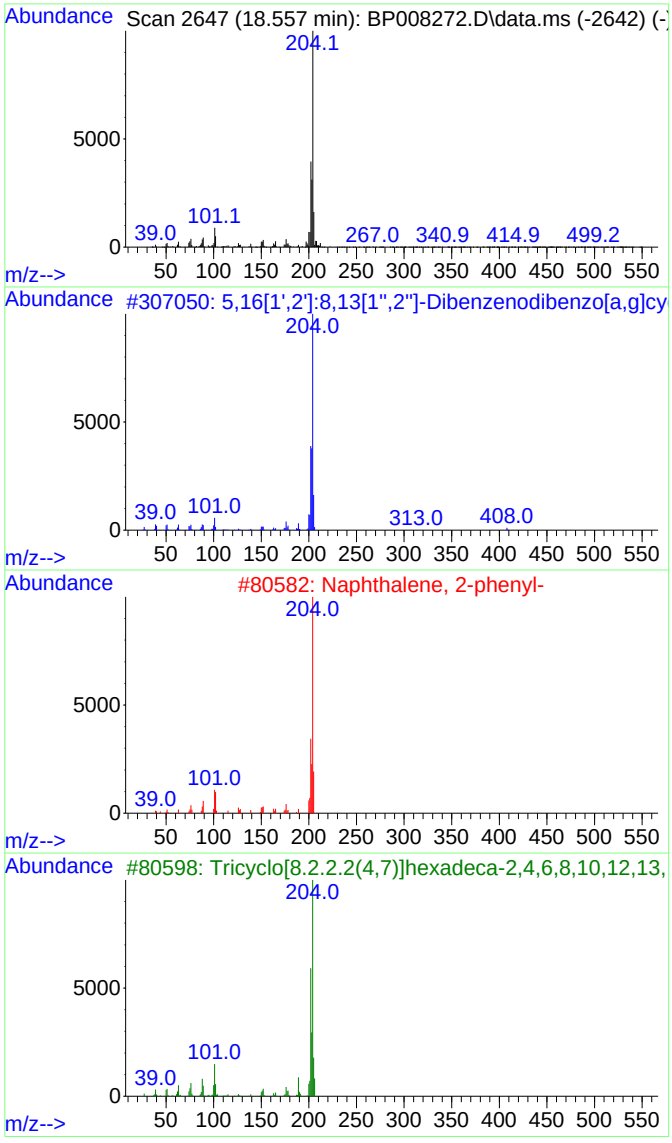
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

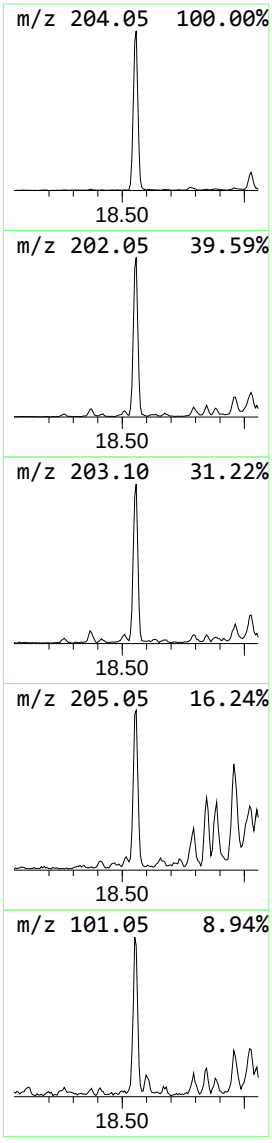
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.557	9.11 ng	432469	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
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	70
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	55
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	49





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ALS Vial : 21 Sample Multiplier: 1

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

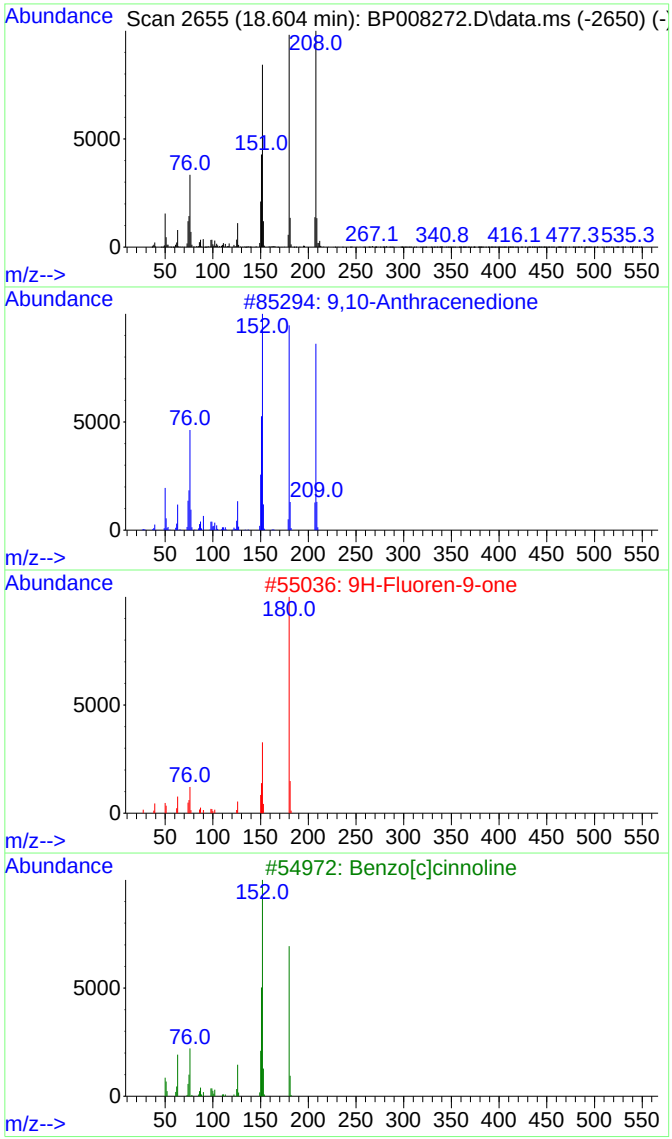
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

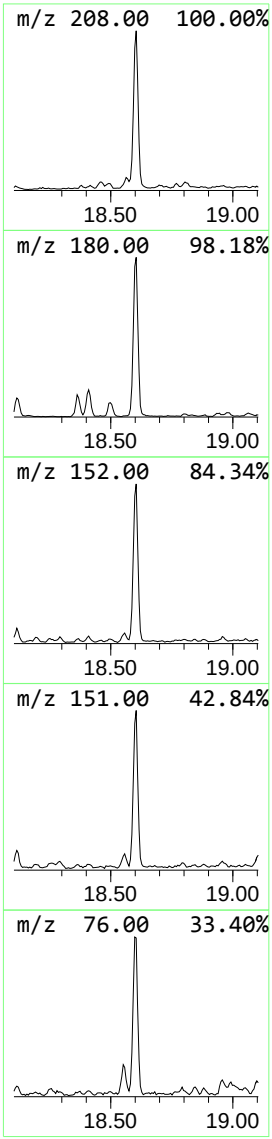
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.604	12.01 ng	570135	Phenanthrene-d10	17.198

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	86
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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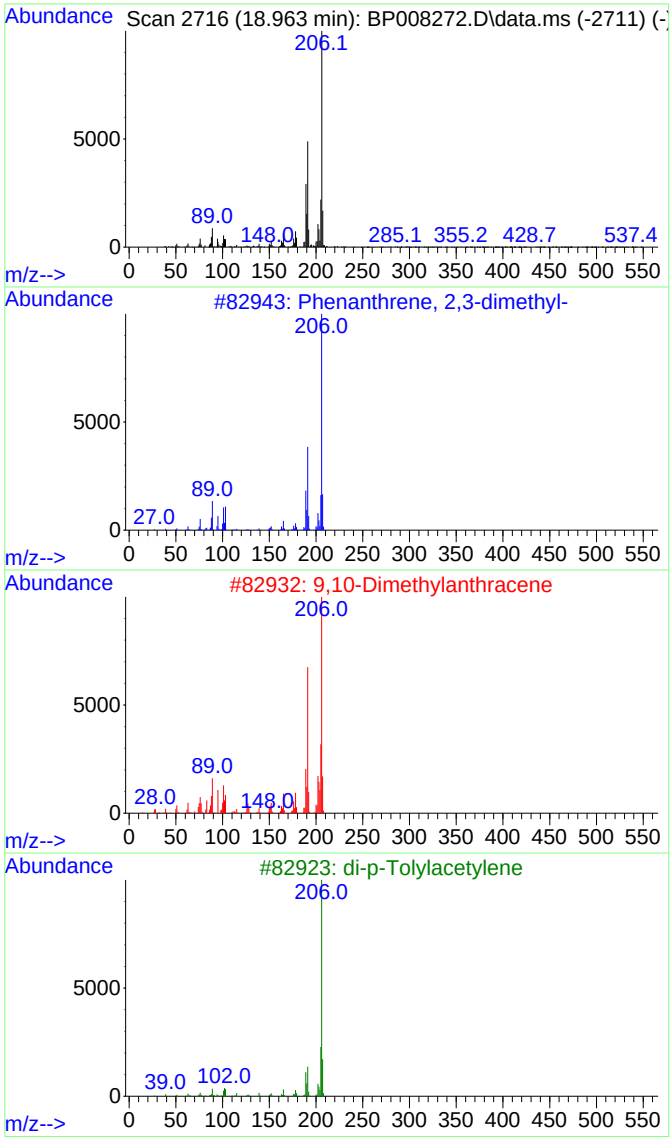
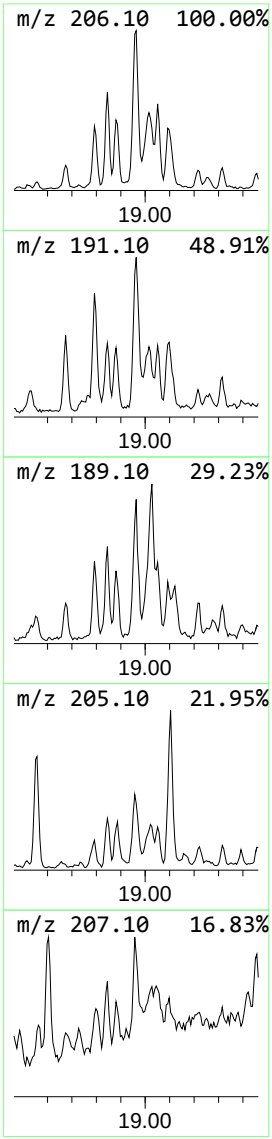
Peak Number 11 Phenanthrene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.963	5.70 ng	270773	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91





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Sample : M4946-01 10X
Misc :
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

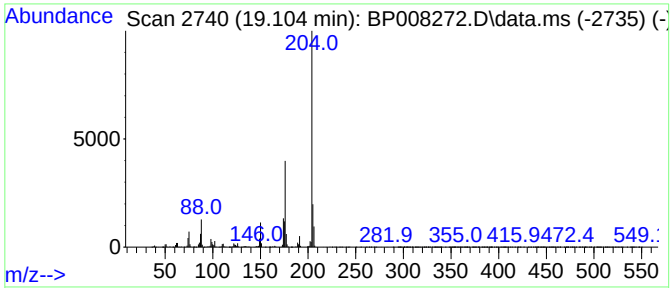
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

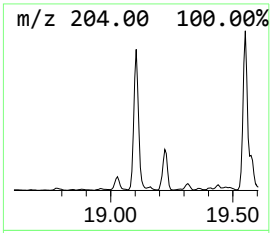
****

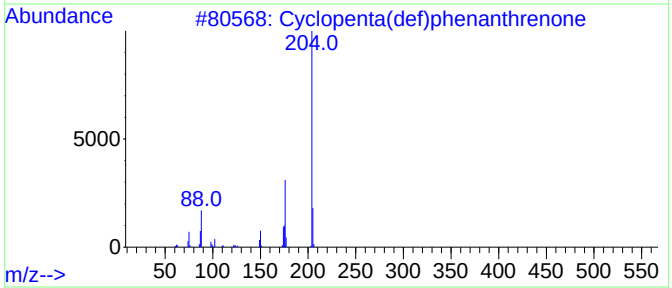
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 5

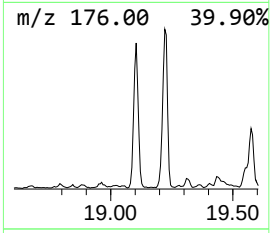
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.104	12.37 ng	587243	Phenanthrene-d10	17.198

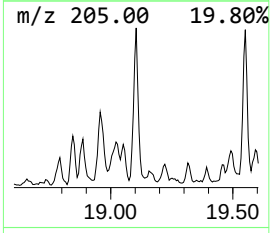
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	64
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43

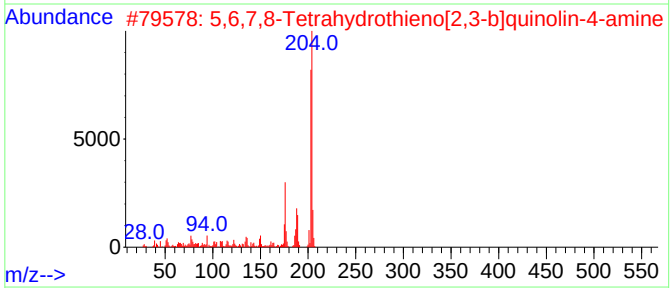


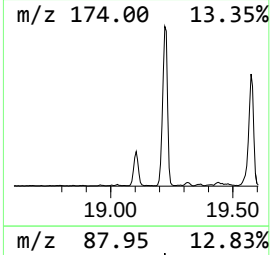


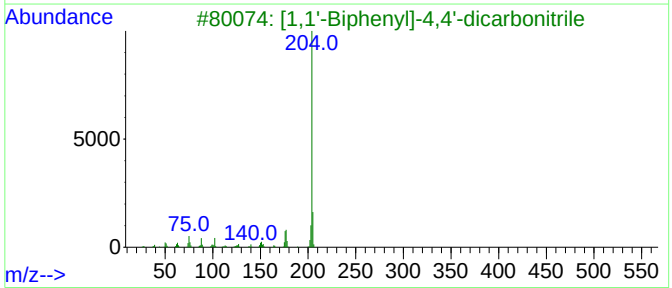


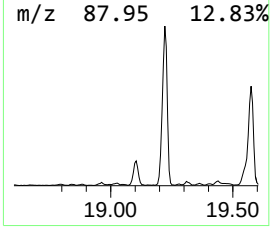












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Sample : M4946-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

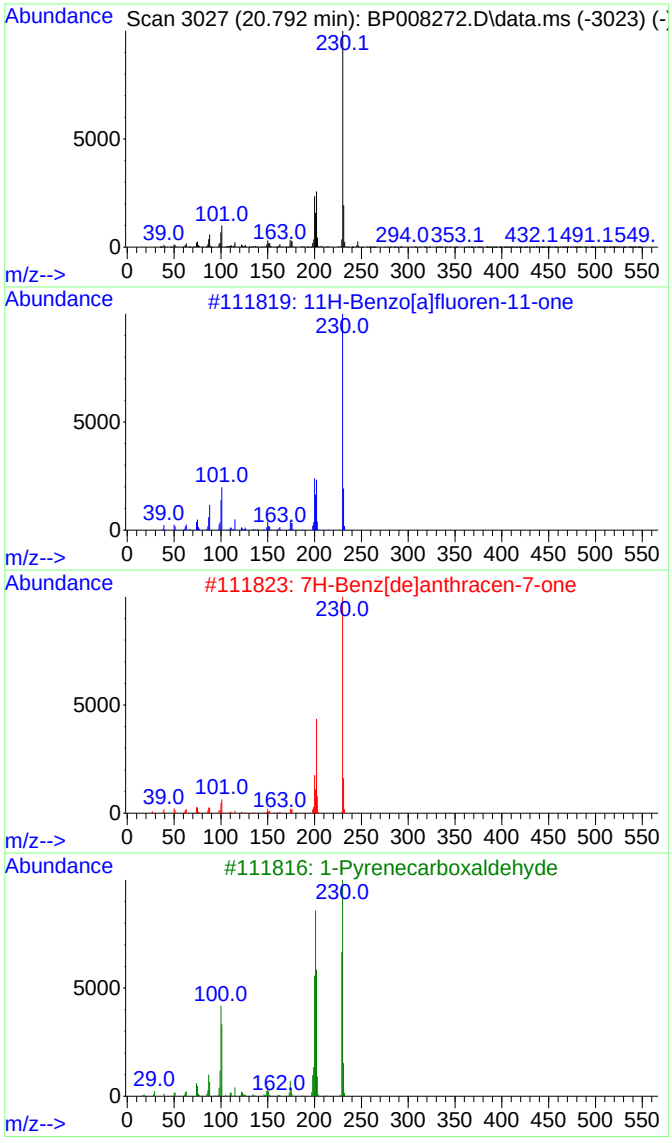
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

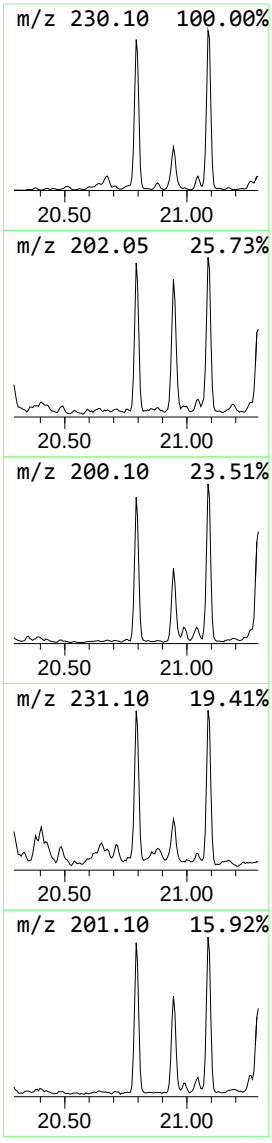
****

Peak Number 13 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.792	3.29 ng	992630	Chrysene-d12	21.304

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	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	72
5	o-Terphenyl	230	C18H14	000084-15-1	58





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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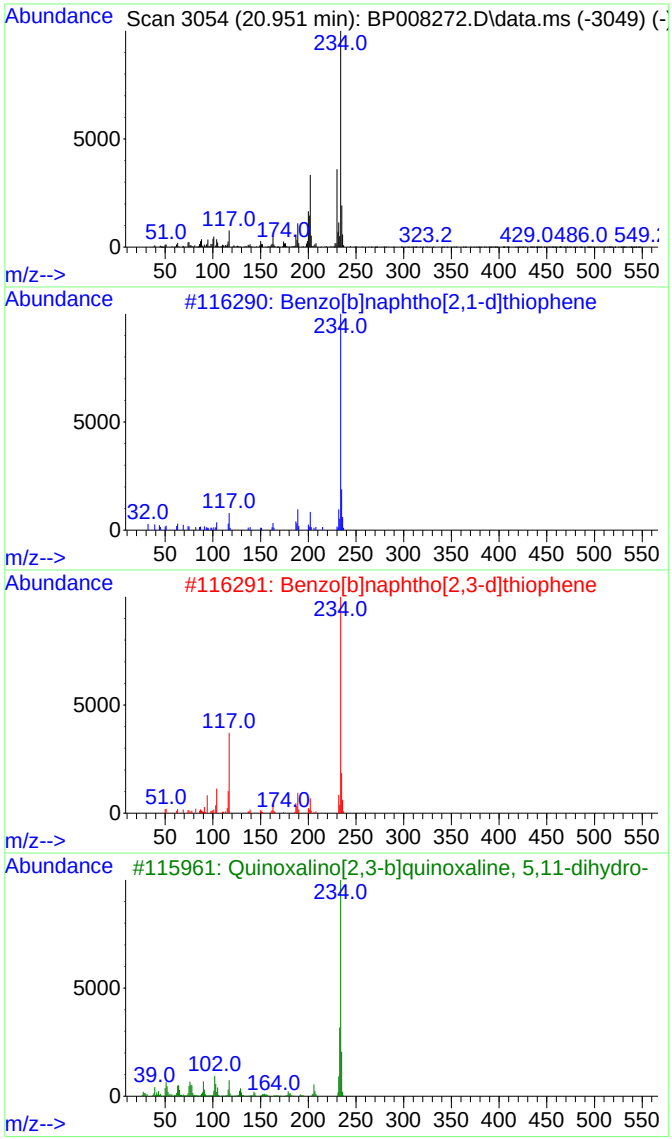
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

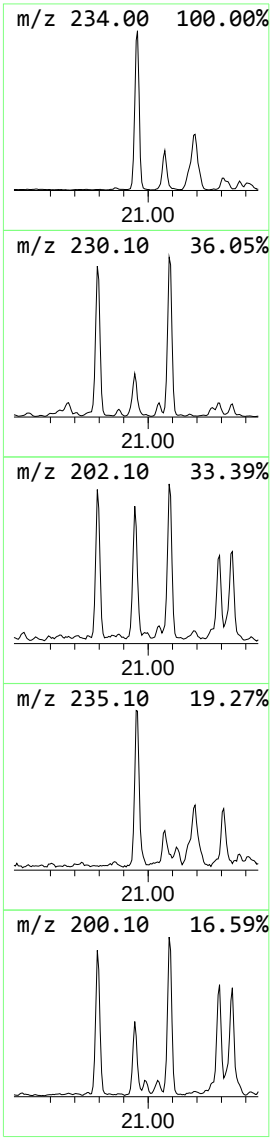
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.951	3.46 ng	1042250	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	89
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
3	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	49
4	4H-Chromene-3-carboxylic acid et...	277	C15H19NO4	1000303-29-9	47
5	4-Pyridinamine, N-(1-naphthaleny...	234	C16H14N2	1000317-32-0	43





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ALS Vial : 21 Sample Multiplier: 1

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

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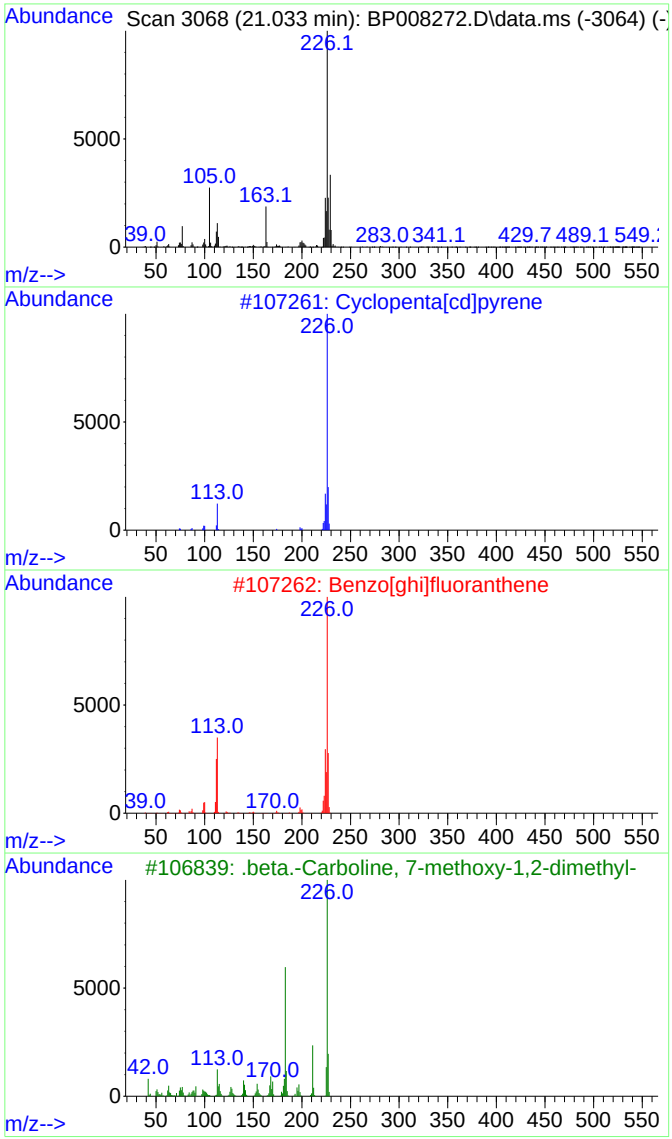
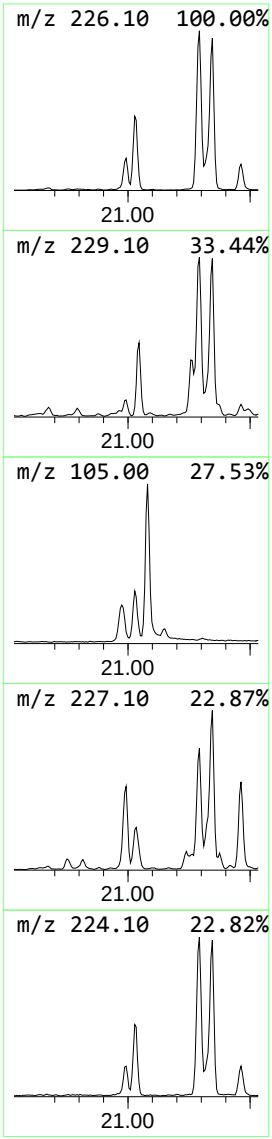
Peak Number 15 Cyclopenta[cd]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.033	3.25 ng	981420	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	58
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	53
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	52
4	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	50
5	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	50





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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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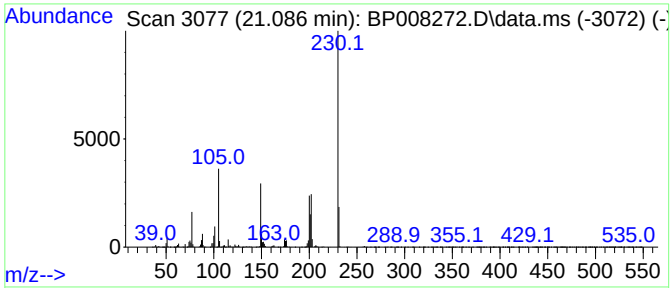
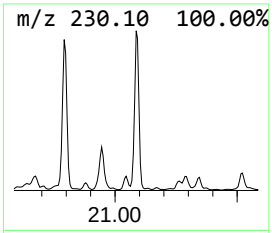
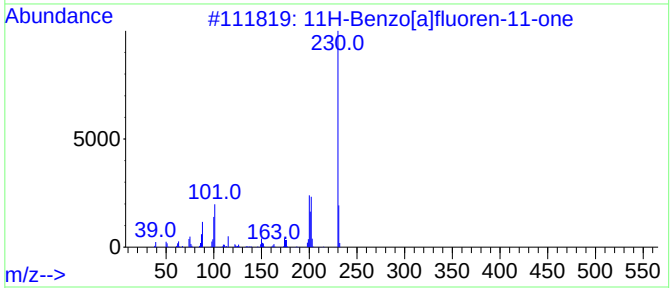
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 14

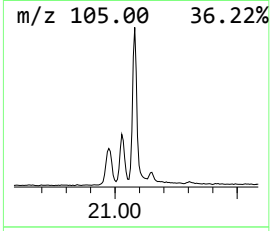
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.086	5.46 ng	1646320	Chrysene-d12	21.304

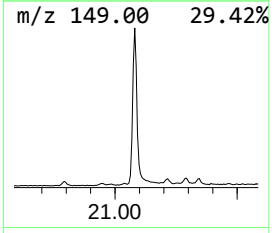
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	43
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	42
5	m-Terphenyl	230	C18H14	000092-06-8	38

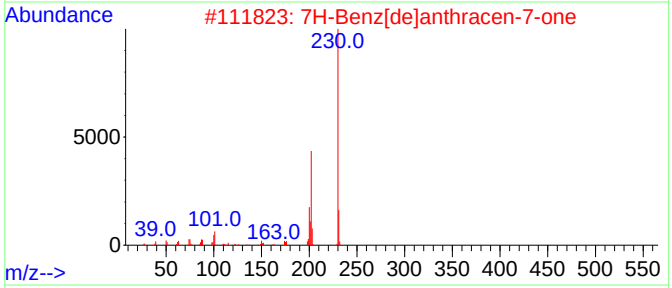


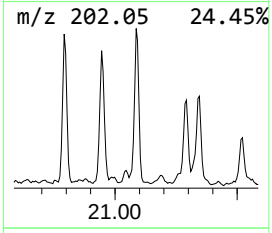


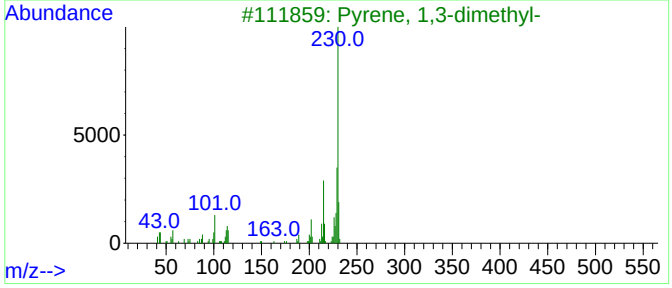


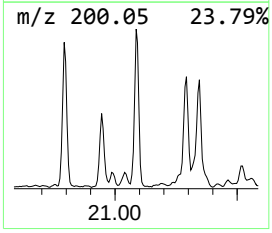












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008272.D
Acq On : 08 Dec 2021 03:24
Operator : CG/JU
Sample : M4946-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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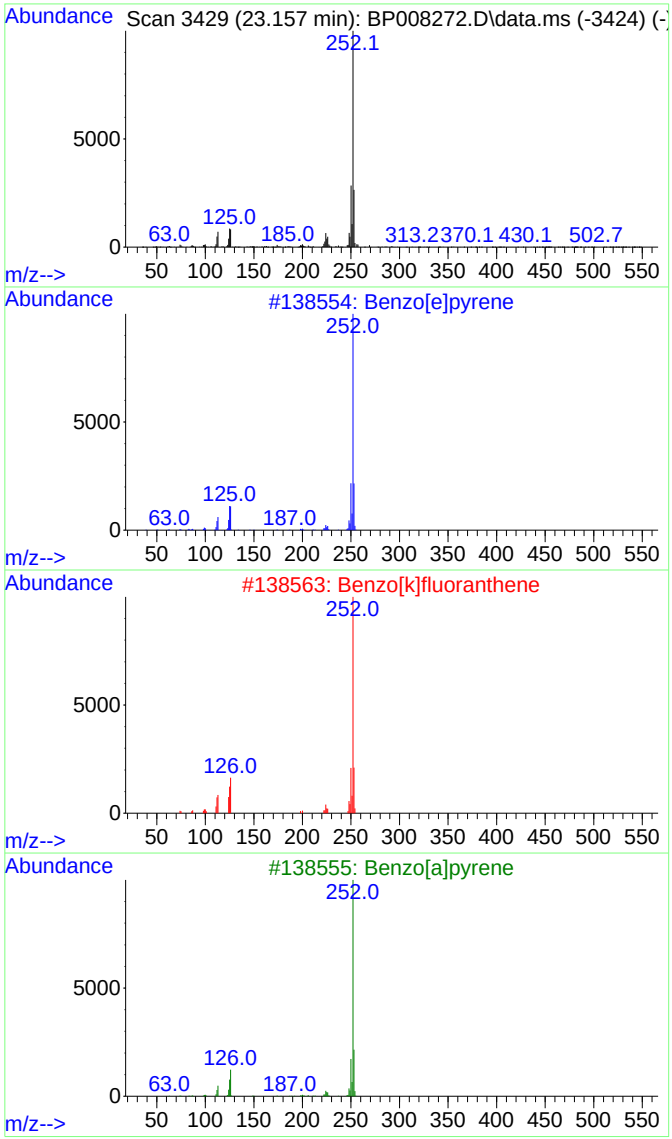
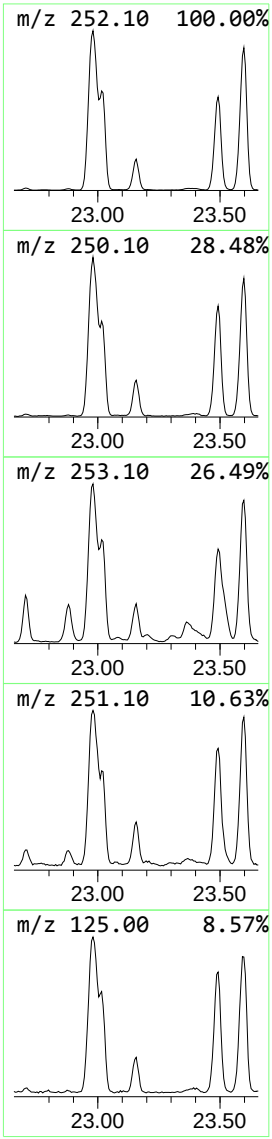
Peak Number 17 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.157	8.45 ng	556797	Perylene-d12	23.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008272.D
Acq On : 08 Dec 2021 03:24
Operator : CG/JU
Sample : M4946-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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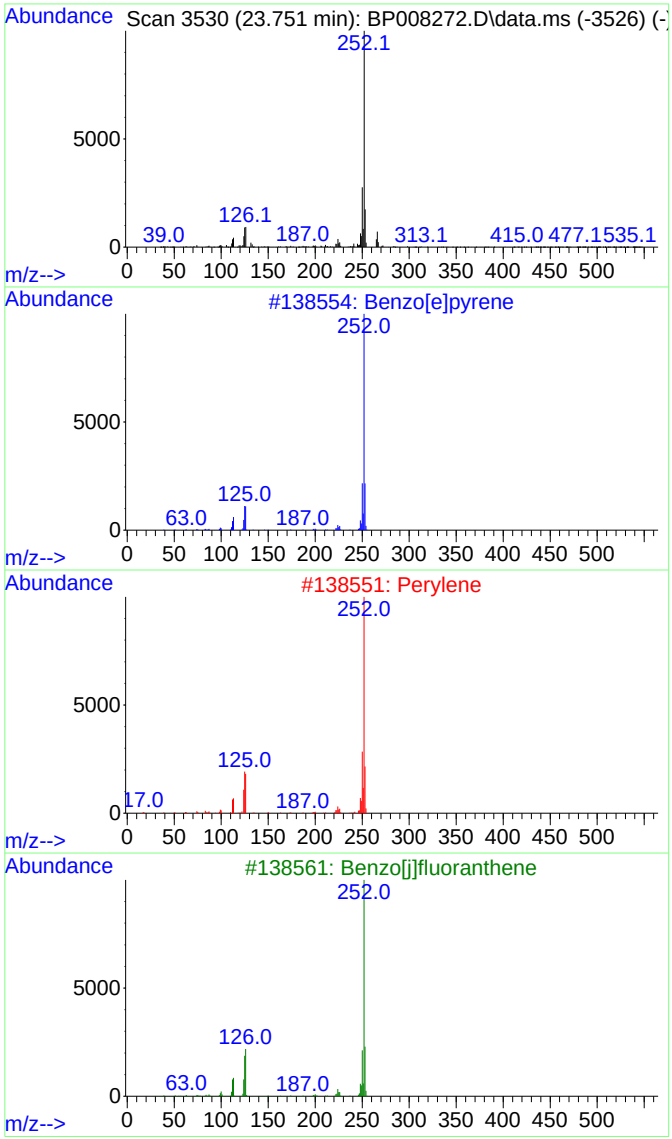
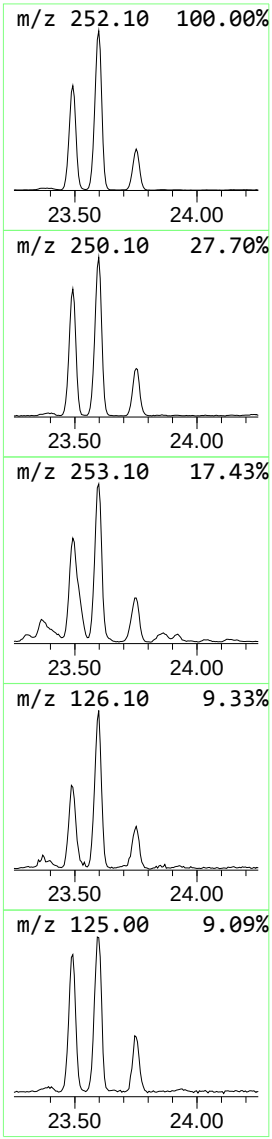
Peak Number 19 Benzo[j]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.751	15.43 ng	1016110	Perylene-d12	23.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008272.D
Acq On : 08 Dec 2021 03:24
Operator : CG/JU
Sample : M4946-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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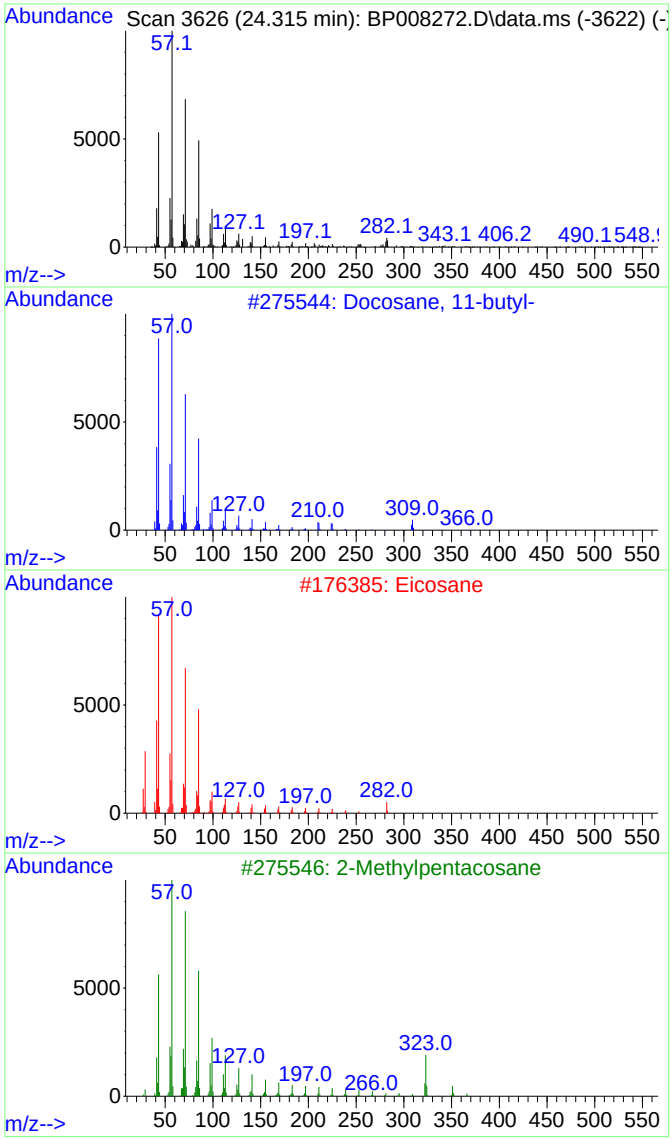
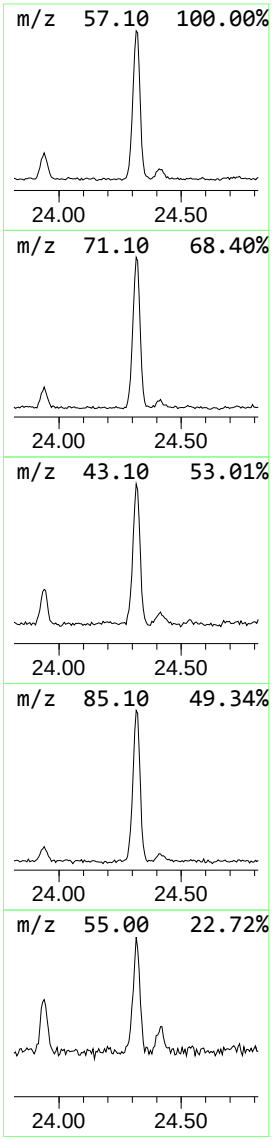
Peak Number 20 Docosane, 11-butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.315	11.22 ng	738695	Perylene-d12	23.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
2	Eicosane	282	C20H42	000112-95-8	93
3	2-Methylpentacosane	366	C26H54	000629-87-8	93
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	93
5	2-Methyltetracosane	352	C25H52	001560-78-7	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008272.D
Acq On : 08 Dec 2021 03:24
Operator : CG/JU
Sample : M4946-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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
2,4,2',4'-Tetra...	16.145	3.8	ng	178792	4	17.198	949386	20.0
9H-Fluoren-9-one	16.851	6.3	ng	297042	4	17.198	949386	20.0
Dibenzothiophene	17.010	4.3	ng	204206	4	17.198	949386	20.0
Phenanthrene, 2...	18.069	10.5	ng	499348	4	17.198	949386	20.0
Phenanthrene, 1...	18.116	14.9	ng	706995	4	17.198	949386	20.0
1H-Cyclopropa[l...	18.192	5.2	ng	246035	4	17.198	949386	20.0
4H-Cyclopenta[d...	18.257	19.2	ng	913187	4	17.198	949386	20.0
Phenanthrene, 4...	18.292	5.8	ng	273477	4	17.198	949386	20.0
5,16[1',2']:8,1...	18.557	9.1	ng	432469	4	17.198	949386	20.0
9,10-Anthracene...	18.604	12.0	ng	570135	4	17.198	949386	20.0
Phenanthrene, 2...	18.963	5.7	ng	270773	4	17.198	949386	20.0
Cyclopenta(def)...	19.104	12.4	ng	587243	4	17.198	949386	20.0
7H-Benz[de]anth...	20.792	3.3	ng	992630	5	21.304	6032480	20.0
Benzo[b]naphtho...	20.951	3.5	ng	1042250	5	21.304	6032480	20.0
Cyclopenta[cd]p...	21.033	3.3	ng	981420	5	21.304	6032480	20.0
11H-Benzo[a]flu...	21.086	5.5	ng	1646320	5	21.304	6032480	20.0
Benzo[e]pyrene	23.157	8.4	ng	556797	6	23.698	1317260	20.0
Benzo[j]fluoran...	23.751	15.4	ng	1016110	6	23.698	1317260	20.0
Docosane, 11-bu...	24.315	11.2	ng	738695	6	23.698	1317260	20.0