LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019609.D
Acq On : 08 Feb 2024 14:39
Operator : MA/JU
Sample : P1141-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2D

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-BP013124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019609.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.481	399	407	414	rBV	1174090	1773423	35.37%	2.547%
2	5.540	414	417	426	rVB2	28118	64449	1.29%	0.093%
3	7.075	669	678	697	rVB	1236449	2056698	41.02%	2.954%
4	7.546	755	758	766	rVB2	31194	53185	1.06%	0.076%
5	7.905	810	819	826	rBV	357558	582451	11.62%	0.837%
6	9.069	1010	1017	1025	rBV	748907	1293040	25.79%	1.857%
7	10.704	1285	1295	1301	rBV	465829	806280	16.08%	1.158%
8	13.163	1705	1713	1725	rBV	1870105	2924575	58.32%	4.201%
9	14.257	1892	1899	1909	rBV	254505	408406	8.14%	0.587%
10	14.534	1939	1946	1953	rBV	719346	1095749	21.85%	1.574%
11	14.598	1953	1957	1965	rVB	75732	117359	2.34%	0.169%
12	14.934	2009	2014	2024	rVB	50299	88616	1.77%	0.127%
13	15.404	2090	2094	2101	rVB2	37458	57426	1.15%	0.082%
14	15.587	2119	2125	2136	rVB	93350	170097	3.39%	0.244%
15	15.881	2171	2175	2180	rBV	35850	55133	1.10%	0.079%
16	16.028	2193	2200	2209	rBV	1677720	2457588	49.01%	3.530%
17	16.263	2235	2240	2249	rBV3	68891	135512	2.70%	0.195%
18	16.598	2289	2297	2301	rBV5	34697	78641	1.57%	0.113%
19	16.863	2339	2342	2352	rVV3	48994	85298	1.70%	0.123%
20	16.945	2352	2356	2362	rVB4	48515	79587	1.59%	0.114%
21	17.022	2365	2369	2373	rBV3	40656	69499	1.39%	0.100%
22	17.069	2373	2377	2380	rVV3	36165	57817	1.15%	0.083%
23	17.110	2380	2384	2392	rVB	68590	117603	2.35%	0.169%
24	17.292	2409	2415	2418	rBV	921591	1303224	25.99%	1.872%
25	17.333	2418	2422	2430	rVV	1080879	1552906	30.97%	2.230%
26	17.428	2432	2438	2443	rVV	431714	642207	12.81%	0.922%
27	17.481	2443	2447	2454	rVV3	53806	97336	1.94%	0.140%
28	17.698	2481	2484	2487	rBV	46814	60315	1.20%	0.087%
29	17.810	2500	2503	2509	rVB2	52622	76299	1.52%	0.110%
30	18.157	2558	2562	2565	rBV	167436	231996	4.63%	0.333%
31	18.198	2565	2569	2577	rVV2	420421	763581	15.23%	1.097%
32	18.280	2579	2583	2587	rVV	171643	258522	5.16%	0.371%
33	18.345	2589	2594	2598	rVV2	291074	555497	11.08%	0.798%
34	18.380	2598	2600	2607	rVB	143727	181511	3.62%	0.261%
35	18.645	2641	2645	2649	rBV	146653	185634	3.70%	0.267%
36	18.686	2649	2652	2656	rVB2	86246	118104	2.36%	0.170%

LSC Area Percent Report

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Data File : BP019609.D
Acq On : 08 Feb 2024 14:39
Operator : MA/JU
Sample : P1141-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2D

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-BP013124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.880	2682	2685	2689	rVB	56136	70237	1.40%	0.101%
38	18.928	2690	2693	2696	rBV	73102	81771	1.63%	0.117%
39	18.969	2697	2700	2704	rVB	73624	91282	1.82%	0.131%
40	19.045	2708	2713	2718	rBV	205242	333662	6.65%	0.479%
41	19.104	2719	2723	2727	rBV4	87109	156412	3.12%	0.225%
42	19.180	2732	2736	2743	rVV2	160380	264203	5.27%	0.379%
43	19.304	2751	2757	2763	rBV	3152234	4088427	81.53%	5.872%
44	19.369	2765	2768	2770	rBV	57785	61662	1.23%	0.089%
45	19.445	2776	2781	2786	rVB	177931	307955	6.14%	0.442%
46	19.539	2794	2797	2799	rBV	61163	72291	1.44%	0.104%
47	19.627	2807	2812	2813	rBV	526884	672709	13.42%	0.966%
48	19.657	2813	2817	2825	rVV	2928710	3988665	79.54%	5.729%
49	19.727	2825	2829	2836	rVB2	167061	285342	5.69%	0.410%
50	19.863	2843	2852	2861	rVB	3196358	4567514	91.09%	6.560%
51	19.975	2865	2871	2877	rBV2	268311	660495	13.17%	0.949%
52	20.104	2888	2893	2894	rBV3	208579	295926	5.90%	0.425%
53	20.139	2895	2899	2903	rVB2	511443	739806	14.75%	1.063%
54	20.239	2912	2916	2919	rBV	316364	394385	7.87%	0.566%
55	20.292	2919	2925	2929	rVV2	396336	611300	12.19%	0.878%
56	20.374	2936	2939	2944	rBV3	79724	156140	3.11%	0.224%
57	20.427	2945	2948	2952	rVV	211983	232053	4.63%	0.333%
58	20.474	2952	2956	2960	rVV2	206706	285406	5.69%	0.410%
59	20.869	3020	3023	3030	rVB	310122	452364	9.02%	0.650%
60	21.033	3048	3051	3054	rVB	242537	281371	5.61%	0.404%
61	21.074	3054	3058	3061	rVV	245962	275552	5.50%	0.396%
62	21.110	3061	3064	3069	rVV3	518245	770504	15.37%	1.107%
63	21.163	3070	3073	3078	rVB	280692	360689	7.19%	0.518%
64	21.374	3104	3109	3114	rBV2	2786266	5014401	100.00%	7.202%
65	21.421	3114	3117	3126	rVB	1771511	2701448	53.87%	3.880%
66	21.545	3134	3138	3144	rBV	300344	605976	12.08%	0.870%
67	21.963	3206	3209	3214	rVB	391699	581092	11.59%	0.835%
68	22.021	3216	3219	3225	rVB2	229499	355938	7.10%	0.511%
69	22.174	3242	3245	3248	rBV2	162242	197288	3.93%	0.283%
70	23.074	3391	3398	3403	rBV	1736506	4461606	88.98%	6.408%
71	23.251	3424	3428	3434	rBV	420604	757485	15.11%	1.088%
72	23.592	3481	3486	3497	rVB	1048045	2430542	48.47%	3.491%
73	23.704	3498	3505	3513	rVB	1731019	3504623	69.89%	5.034%
74	23.804	3516	3522	3527	rVV	696704	1547812	30.87%	2.223%
75	23.863	3528	3532	3541	rVB2	510578	1129377	22.52%	1.622%
76	26.327	3943	3951	3965	rVB3	827822	2829967	56.44%	4.065%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019609.D
Acq On : 08 Feb 2024 14:39
Operator : MA/JU
Sample : P1141-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2D

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-BP013124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	27.109	4076	4084	4104	rVB	633423	2290282	45.67%	3.290%

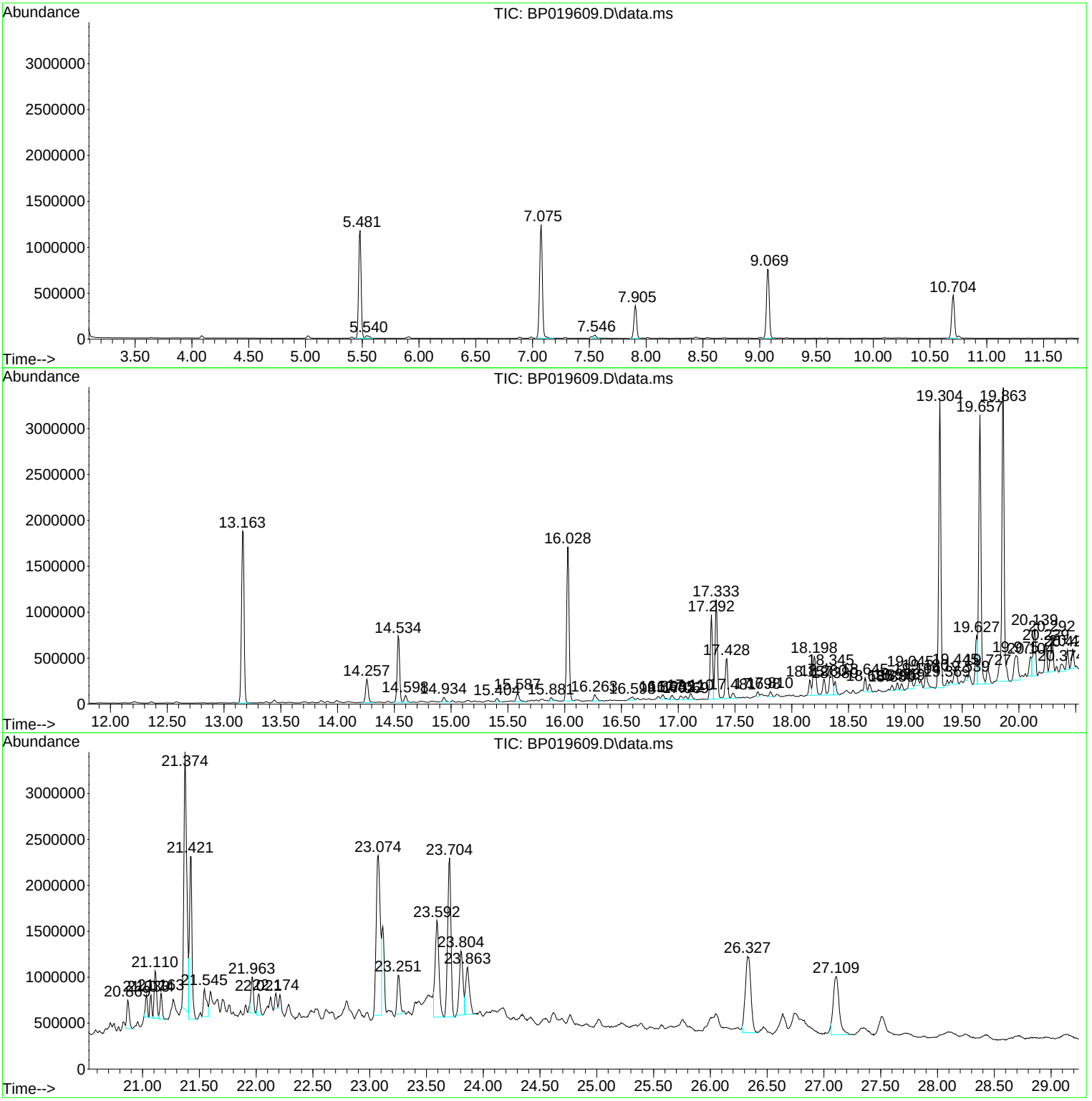
Sum of corrected areas: 69621524

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019609.D
Acq On : 08 Feb 2024 14:39
Operator : MA/JU
Sample : P1141-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.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\BP020824\
Data File : BP019609.D
Acq On : 08 Feb 2024 14:39
Operator : MA/JU
Sample : P1141-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

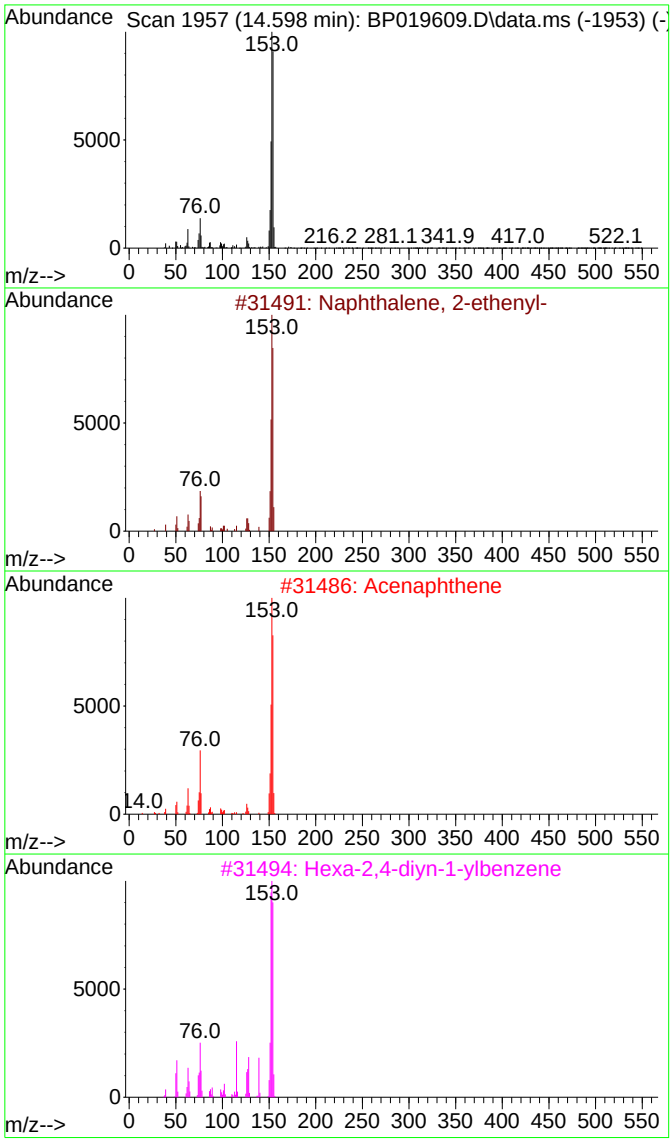
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

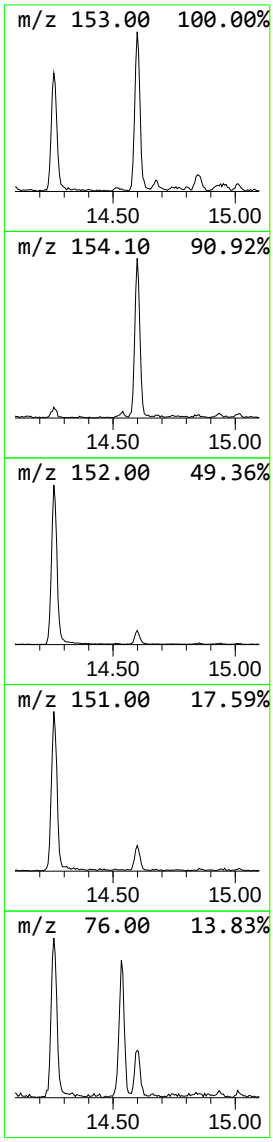
****

Peak Number 2 Naphthalene, 2-ethenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.598	2.14 ng	117359	Acenaphthene-d10	14.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	68
2	Acenaphthene	154	C12H10	000083-32-9	68
3	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	59
4	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	59
5	3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019609.D
Acq On : 08 Feb 2024 14:39
Operator : MA/JU
Sample : P1141-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

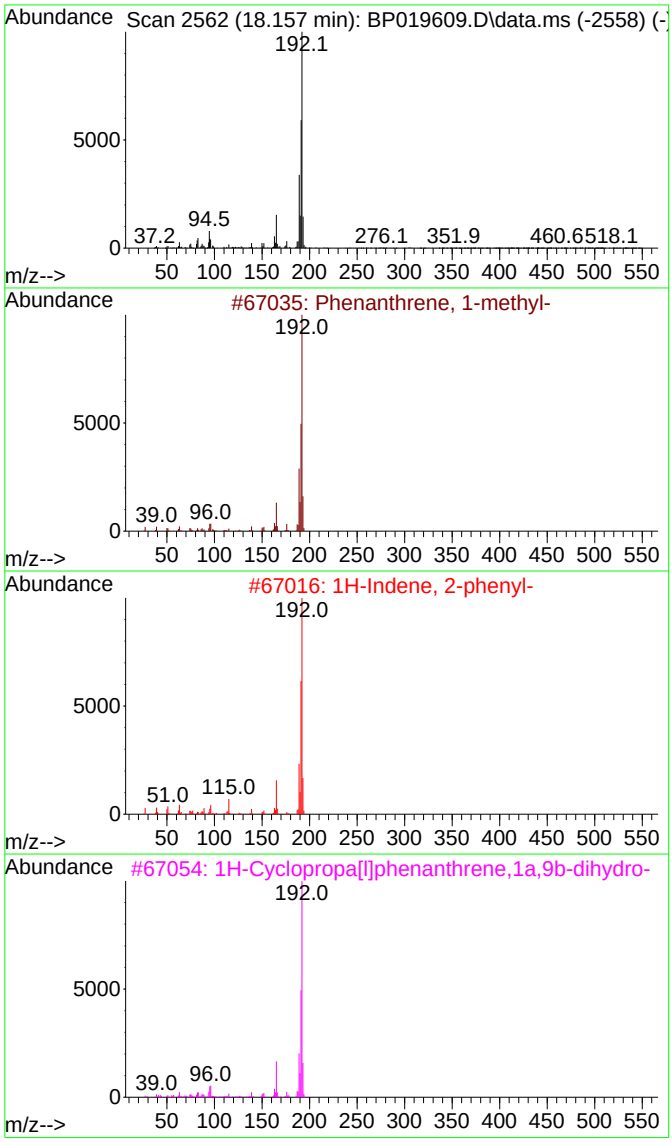
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

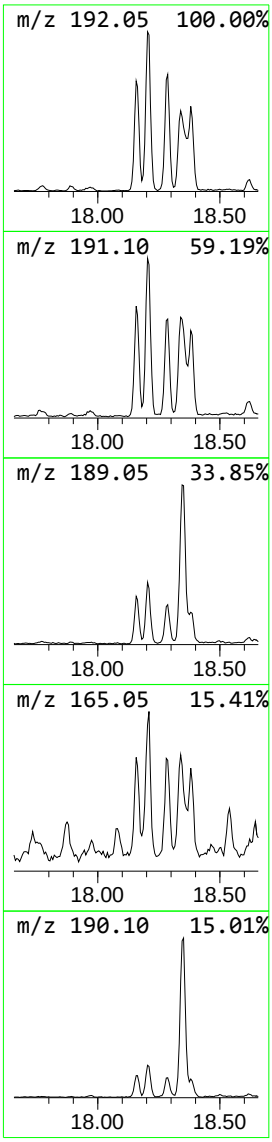
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	3.56 ng	231996	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019609.D
Acq On : 08 Feb 2024 14:39
Operator : MA/JU
Sample : P1141-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

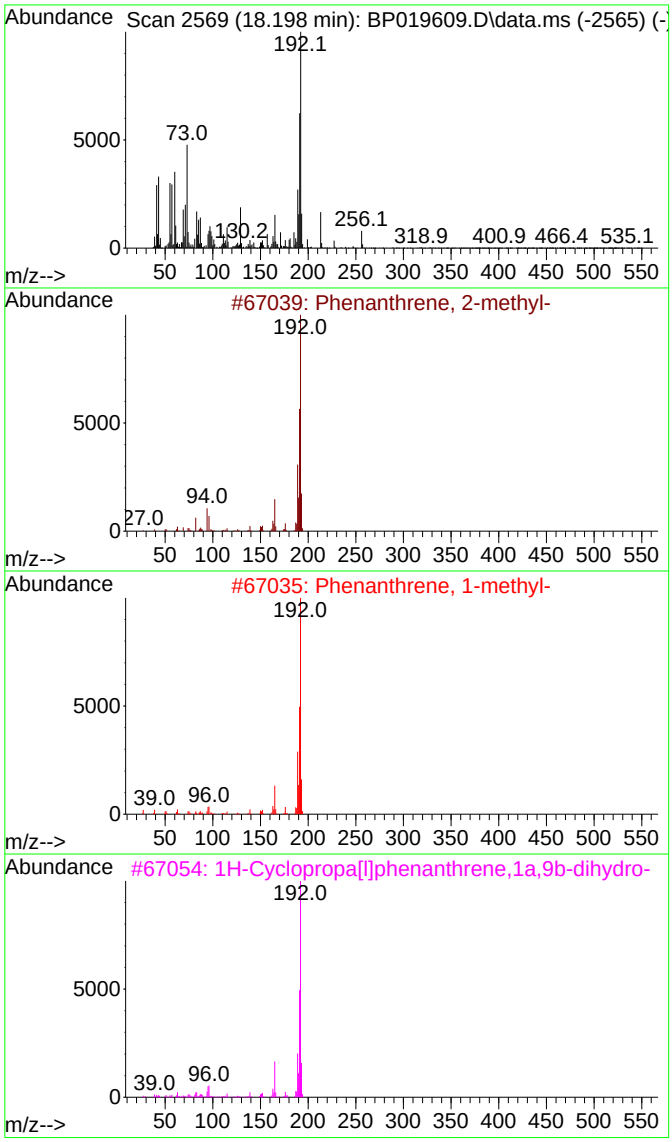
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

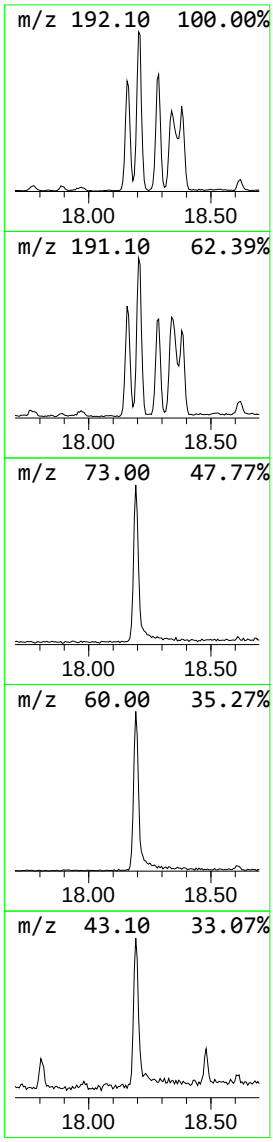
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	11.72 ng	763581	Phenanthrene-d10	17.292

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	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019609.D
Acq On : 08 Feb 2024 14:39
Operator : MA/JU
Sample : P1141-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

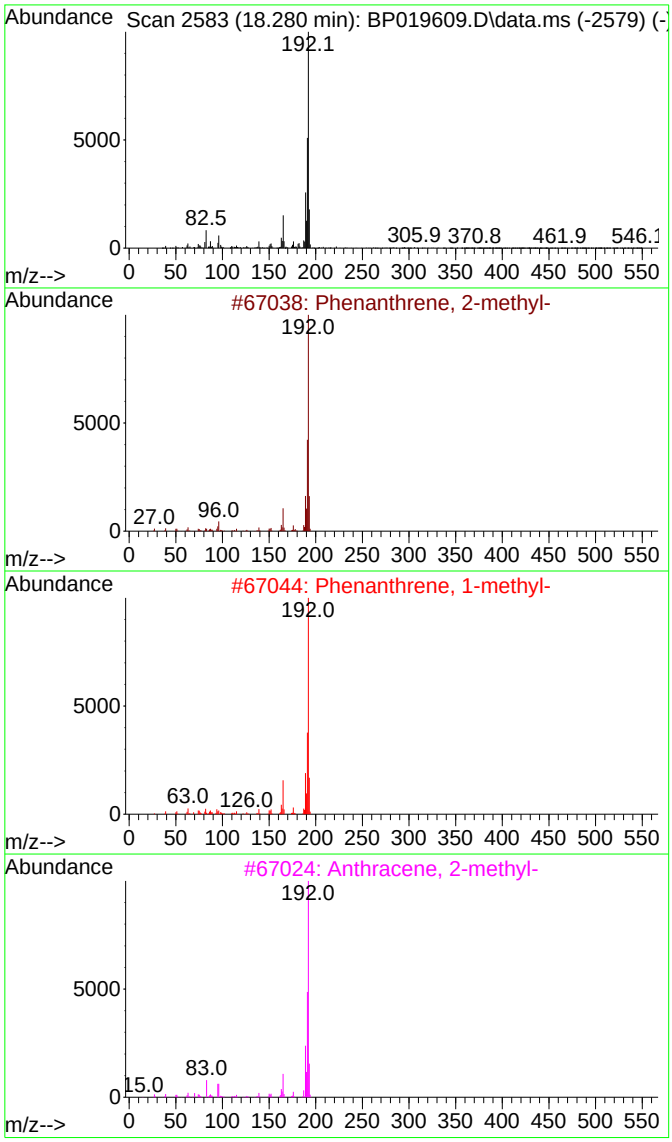
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

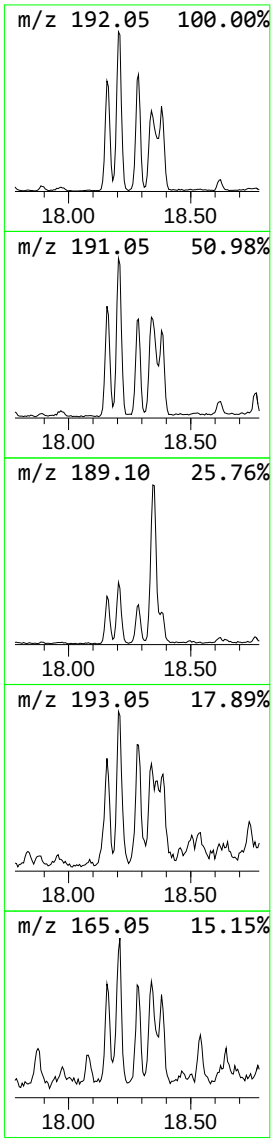
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.281	3.97 ng	258522	Phenanthrene-d10	17.292

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	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019609.D
Acq On : 08 Feb 2024 14:39
Operator : MA/JU
Sample : P1141-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2D

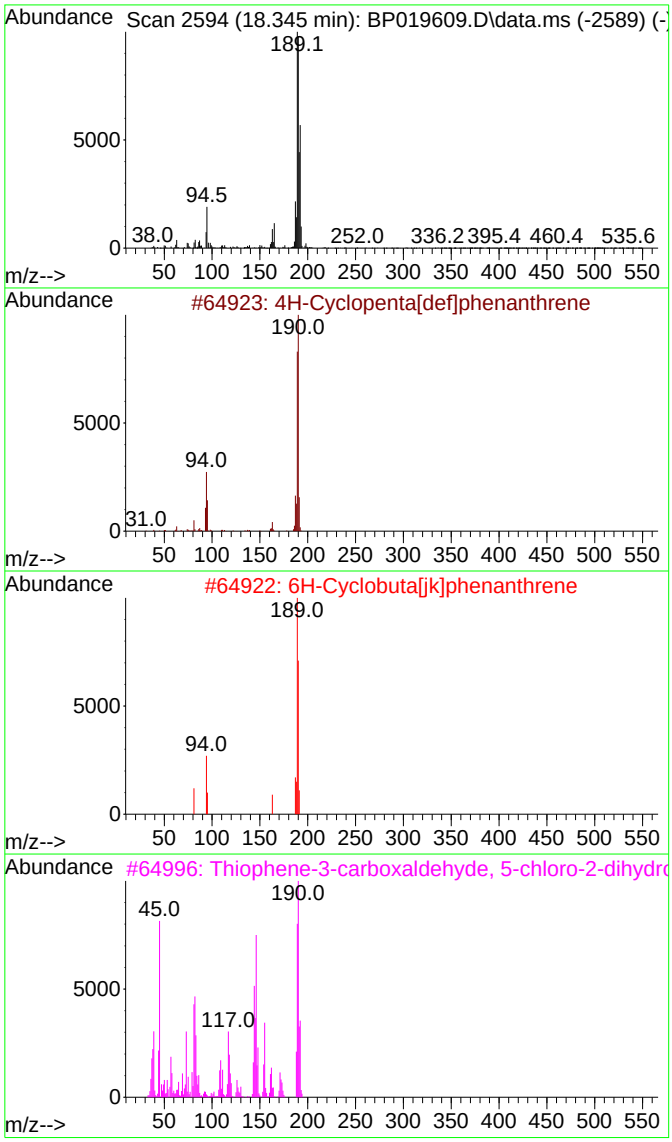
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

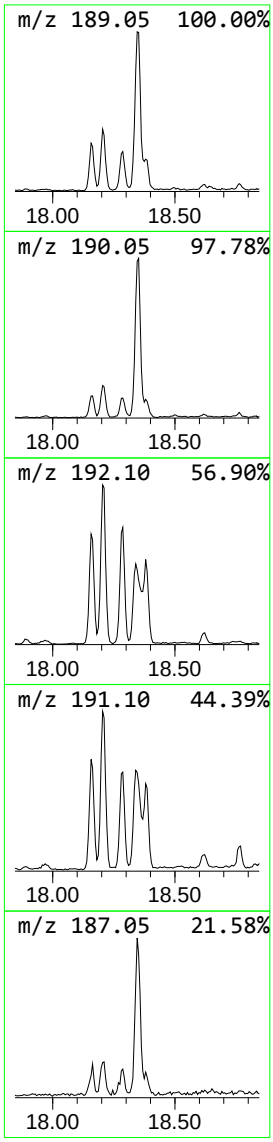
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	8.52 ng	555497	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	22
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019609.D
Acq On : 08 Feb 2024 14:39
Operator : MA/JU
Sample : P1141-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

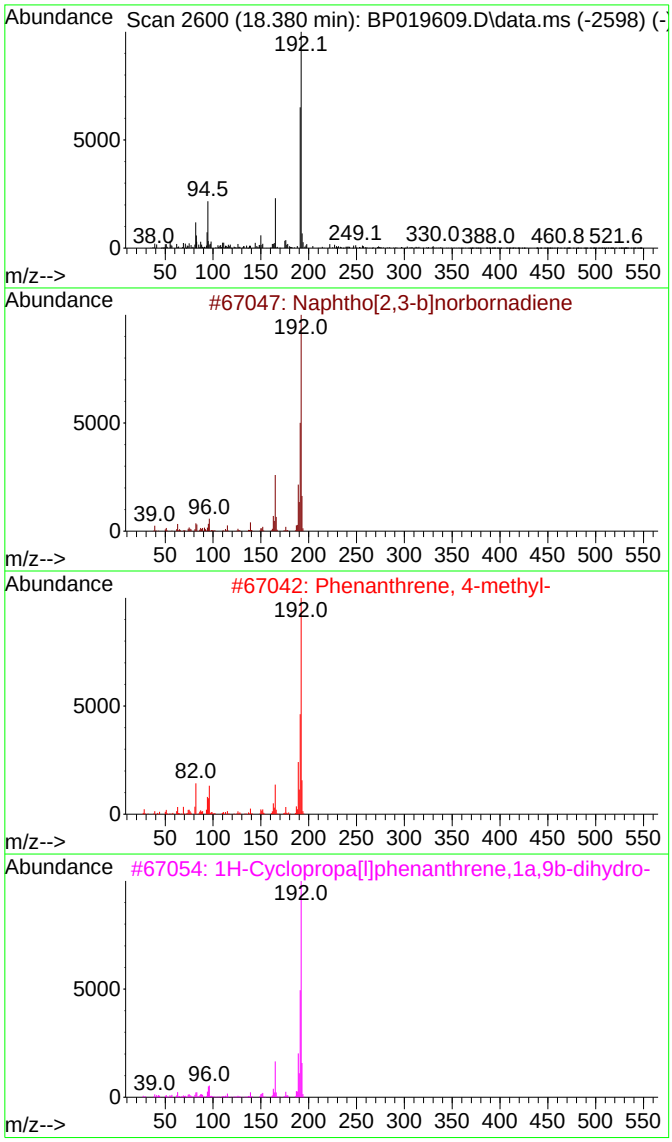
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

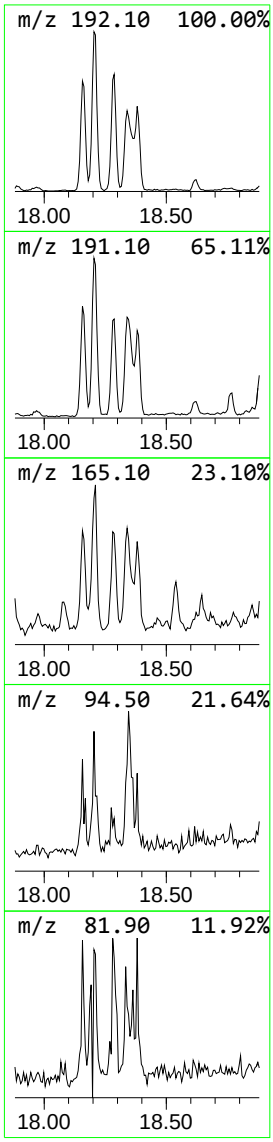
****

Peak Number 7 Naphtho[2,3-b]norbornadiene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.381	2.79 ng	181511	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	72
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	72
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64





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Operator : MA/JU
Sample : P1141-11
Misc :
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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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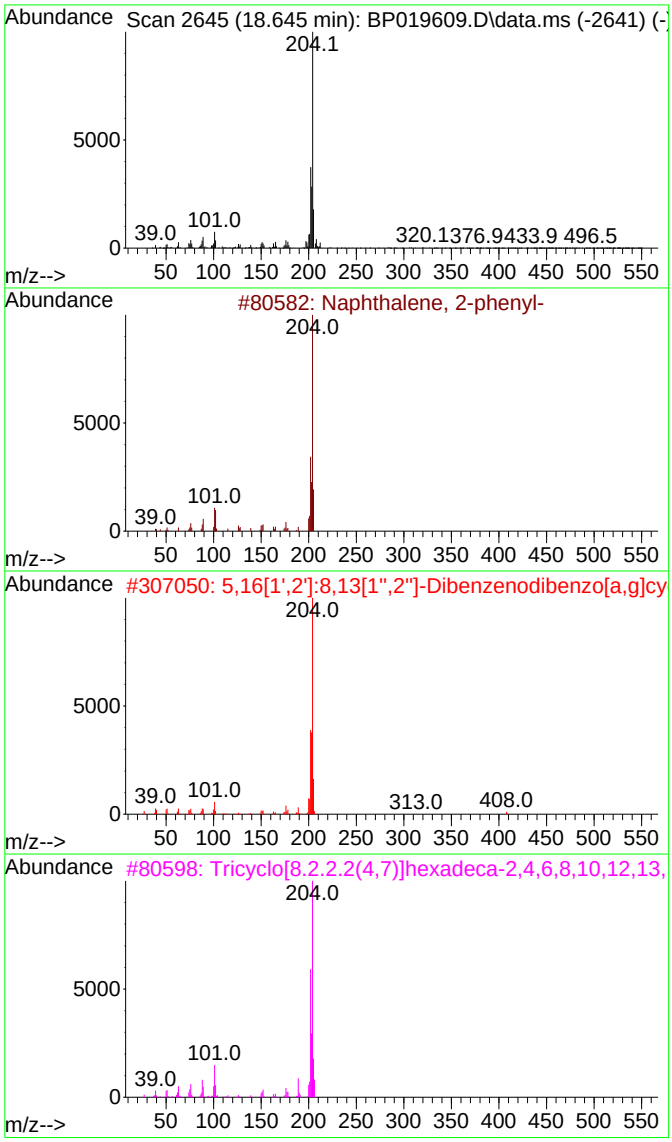
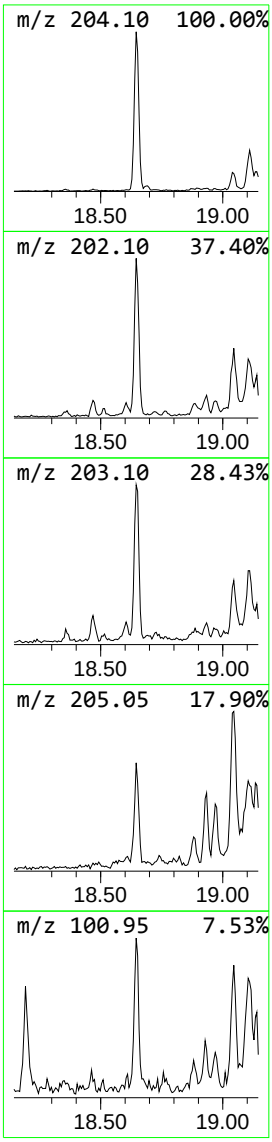
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.645	2.85 ng	185634	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	53





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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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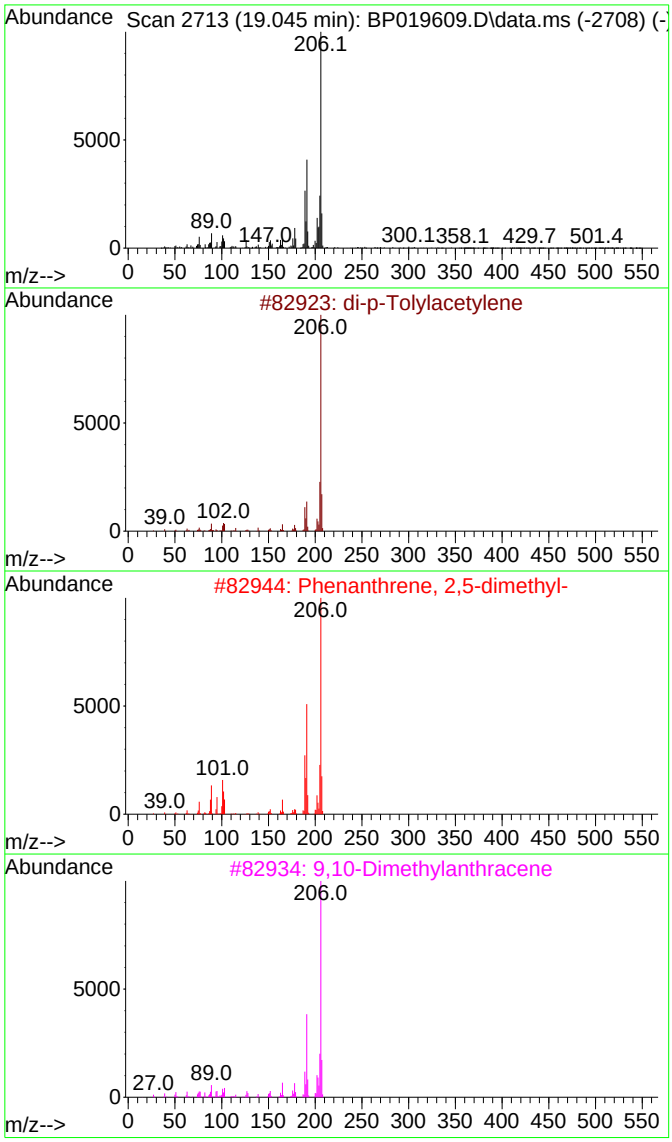
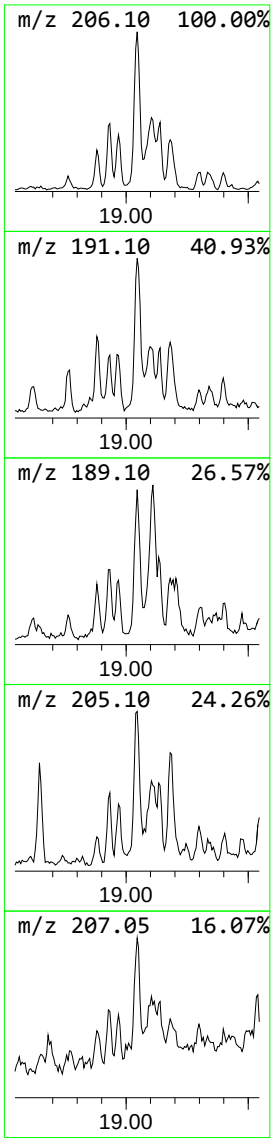
Peak Number 9 di-p-Tolylacetylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.045	5.12 ng	333662	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





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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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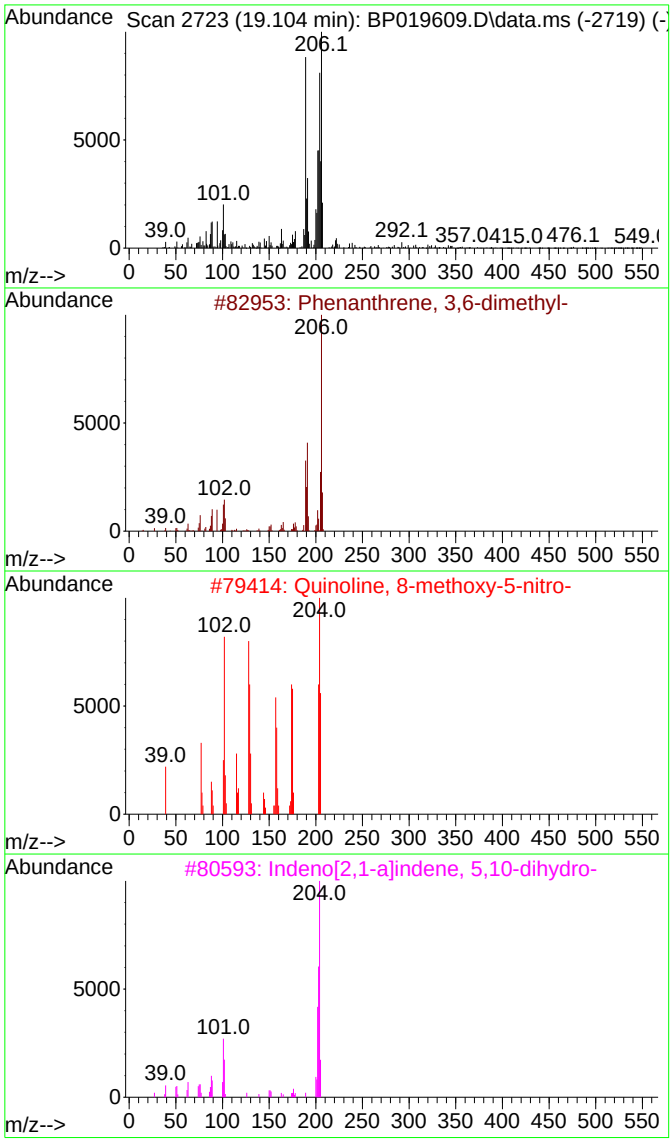
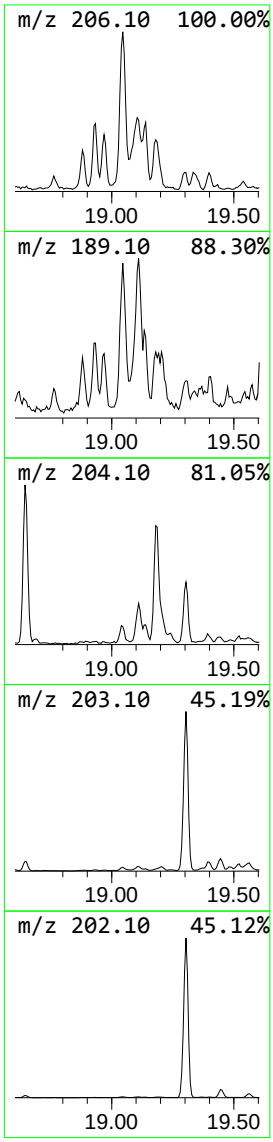
Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.104	2.40 ng	156412	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	60
2	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	38
3	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	38
4	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	38
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	38





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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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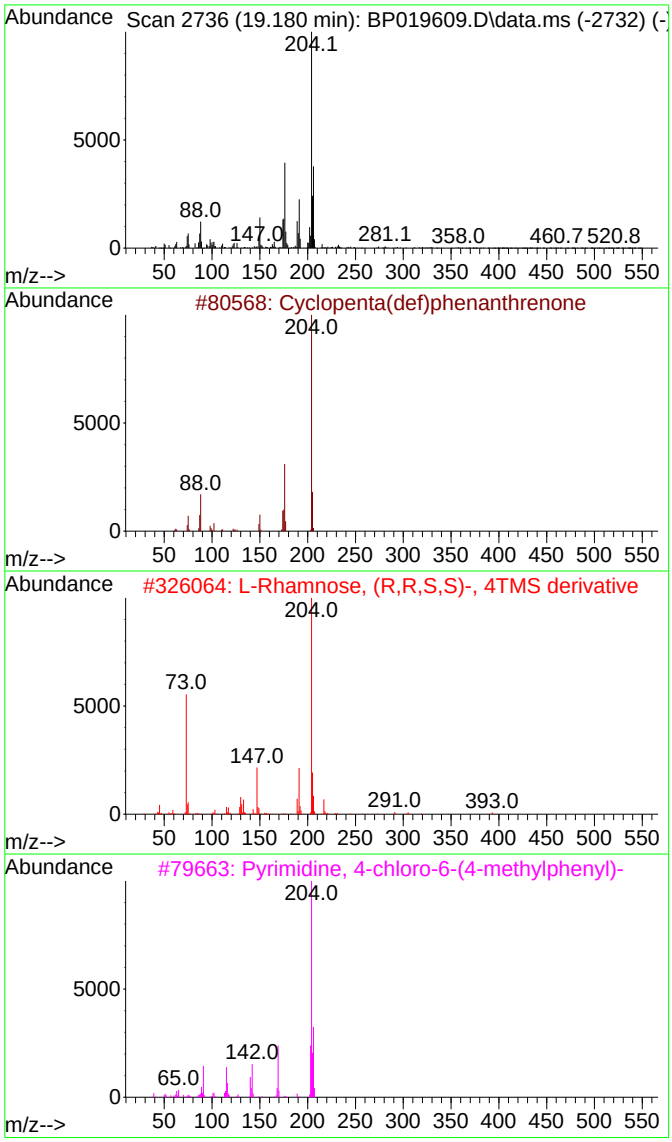
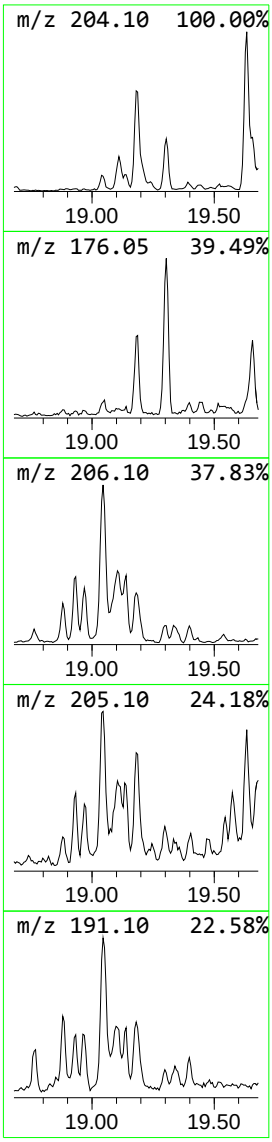
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.180	4.05 ng	264203	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	47
3	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43
4	3-(4-Fluorophenyl)-1-methylpyraz...	204	C11H9FN2O	689250-53-1	43
5	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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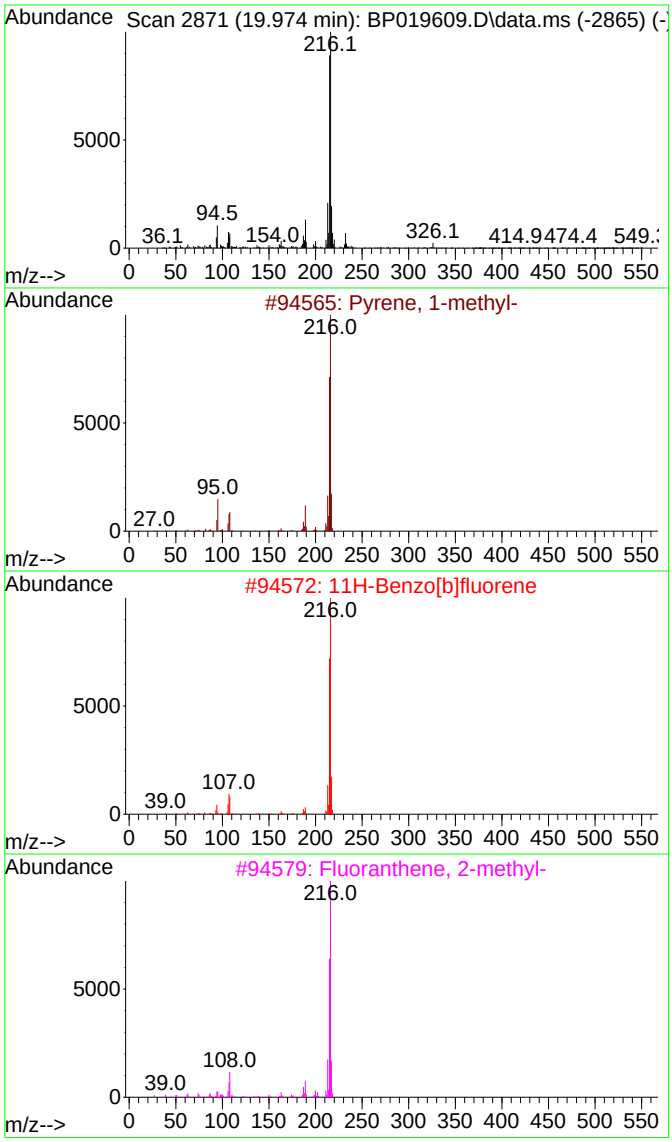
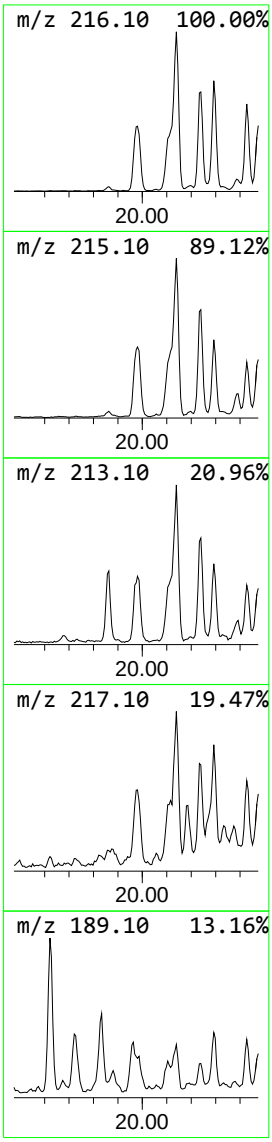
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.974	2.63 ng	660495	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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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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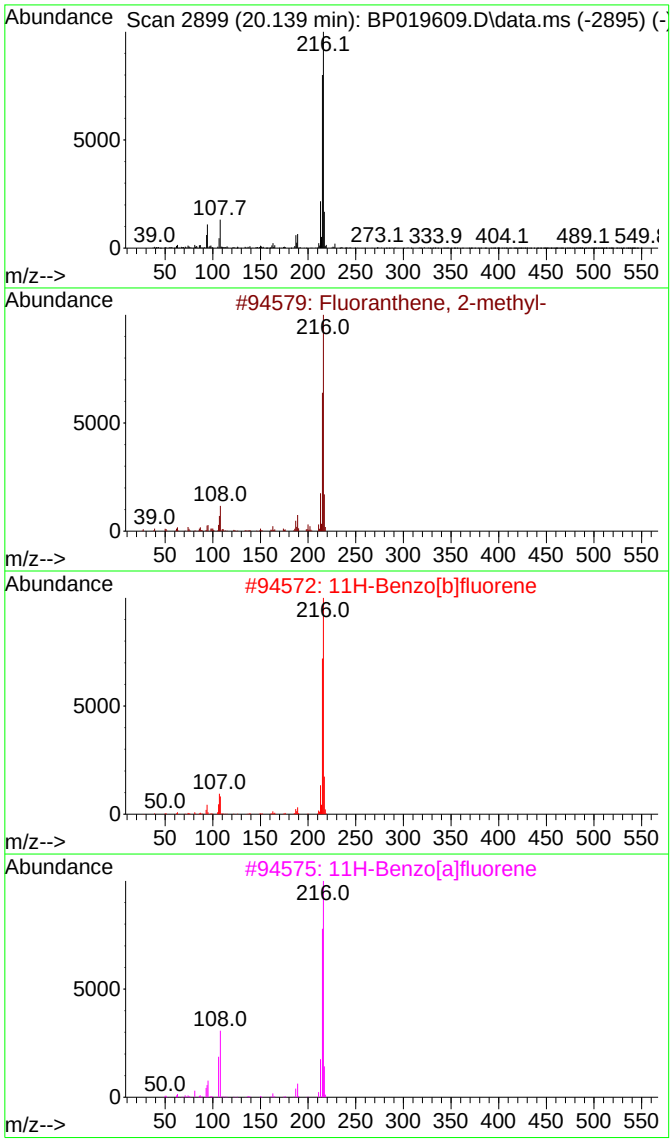
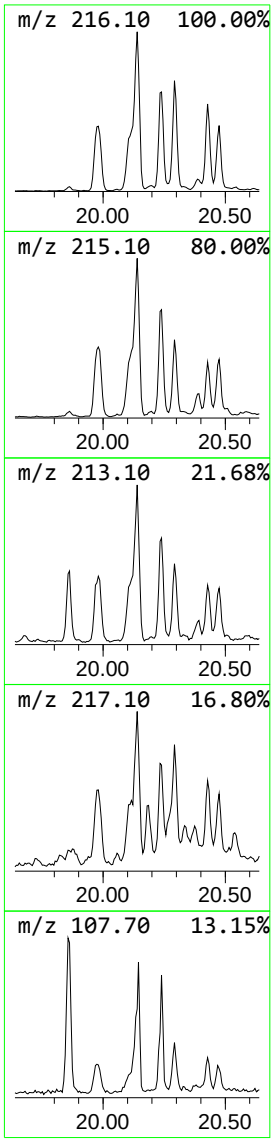
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.139	2.95 ng	739806	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
5	.beta.-Carboline, 1,2,3,4-tetrah...	260	C14H16N2O3	1000124-14-2	72





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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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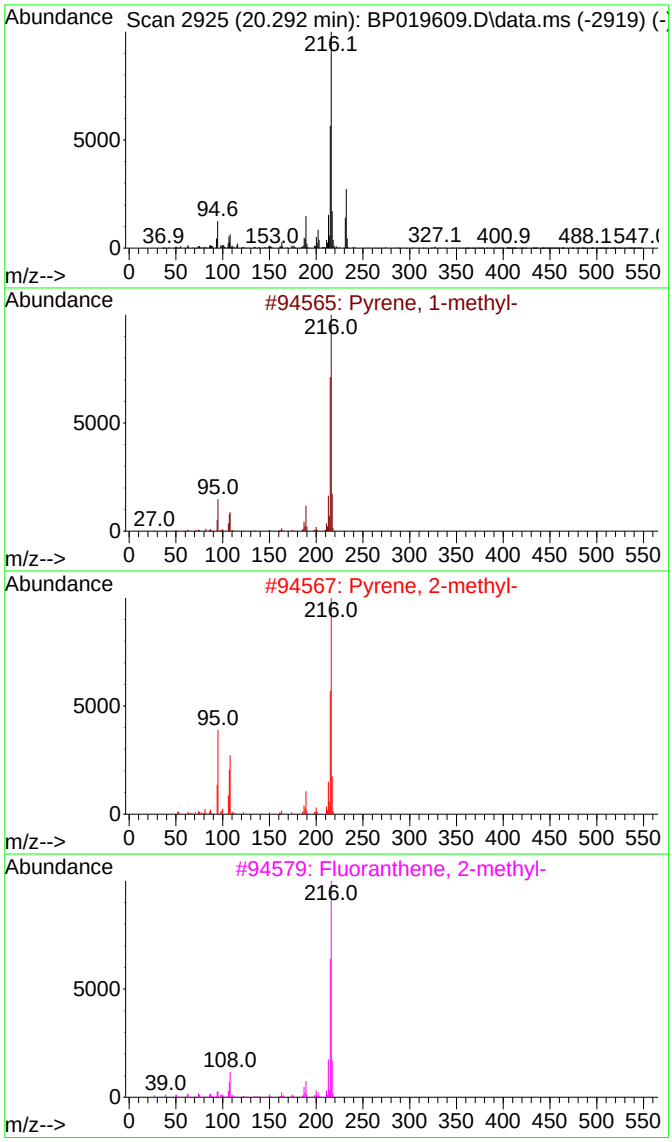
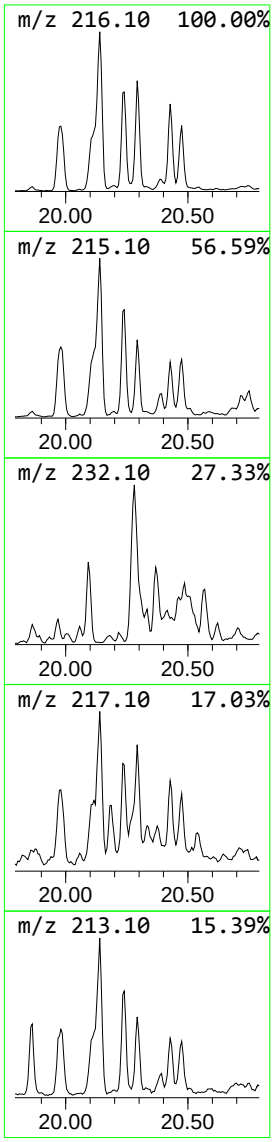
Peak Number 14 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.292	2.44 ng	611300	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	70





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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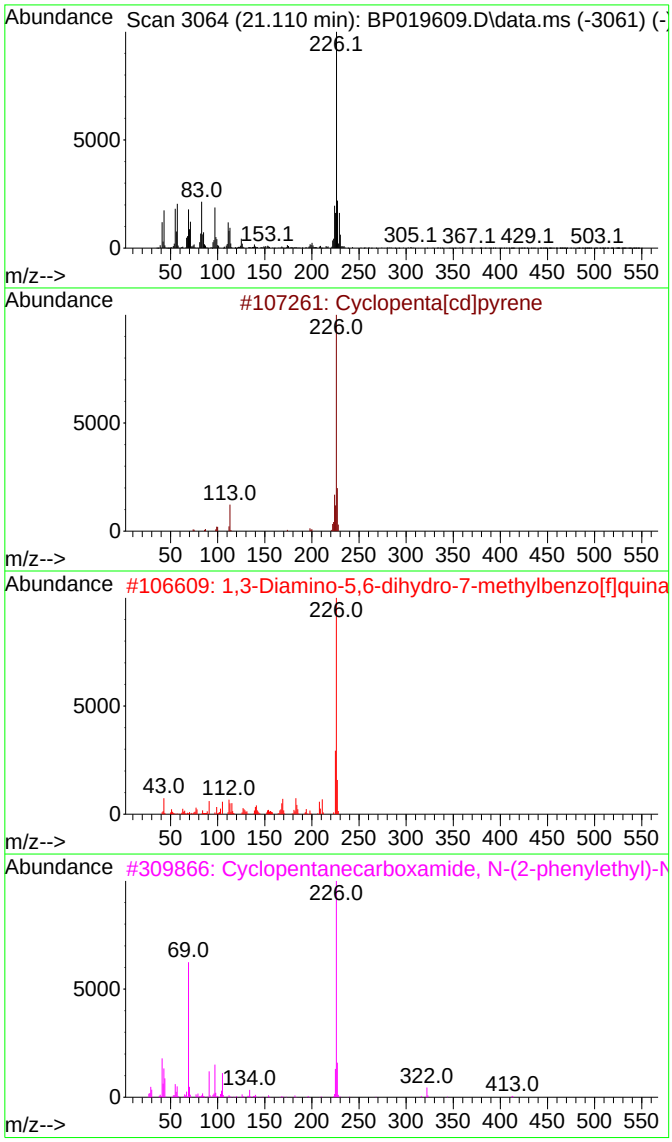
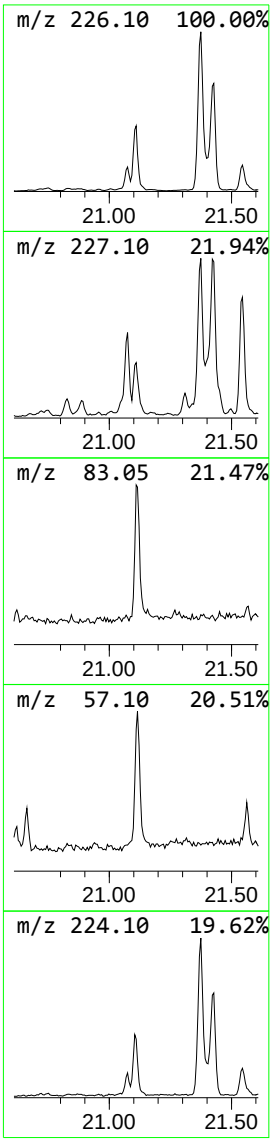
Peak Number 15 Cyclopenta[cd]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.110	3.07 ng	770504	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	53
2	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	47
3	Cyclopentanecarboxamide, N-(2-ph...	413	C28H47NO	1000451-59-7	40
4	Isonipecotic acid, n-butoxycarbo...	327	C18H33NO4	1000322-05-2	38
5	2,2'-Oxydibenzaldehyde	226	C14H10O3	049590-51-4	38





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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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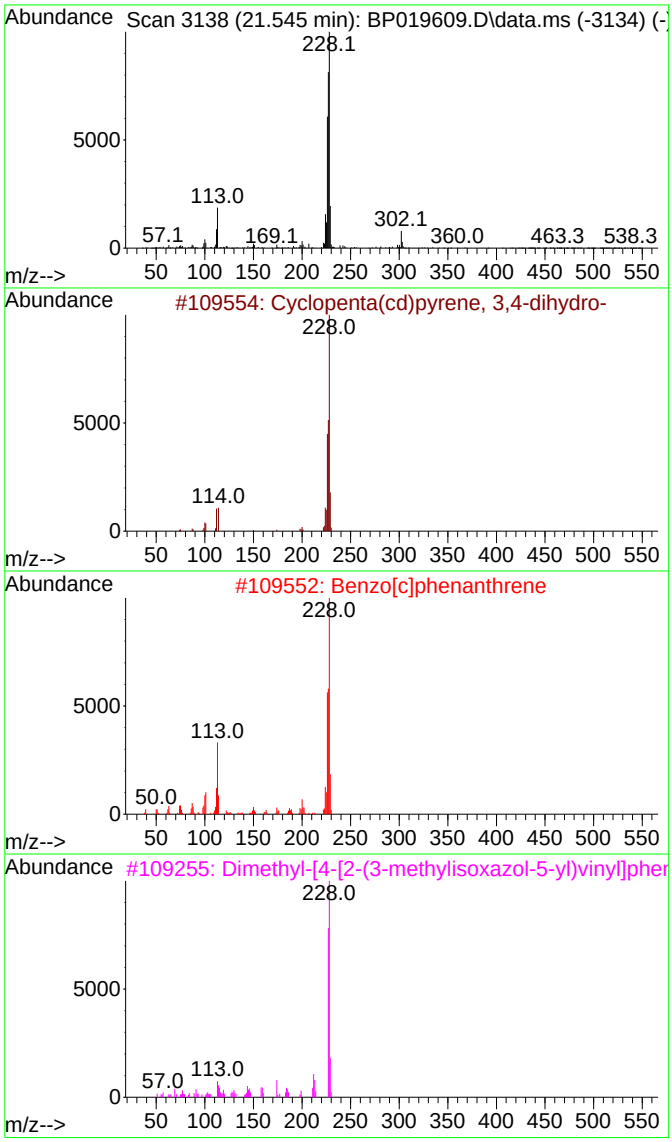
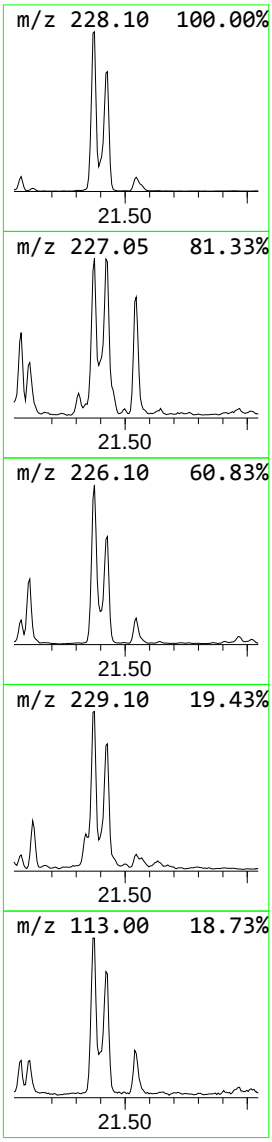
Peak Number 16 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.545	2.42 ng	605976	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	70
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	68
3	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	53
4	Benz[a]anthracene	228	C18H12	000056-55-3	46
5	Chrysene	228	C18H12	000218-01-9	46





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TIC Library : C:\Database\NIST20.L
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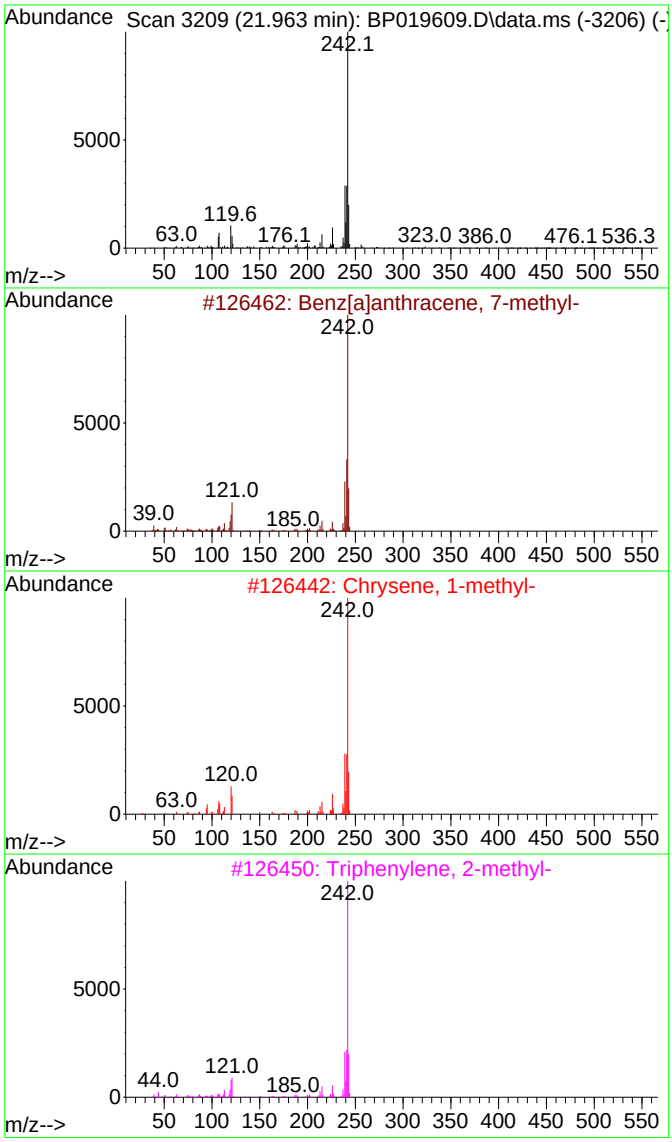
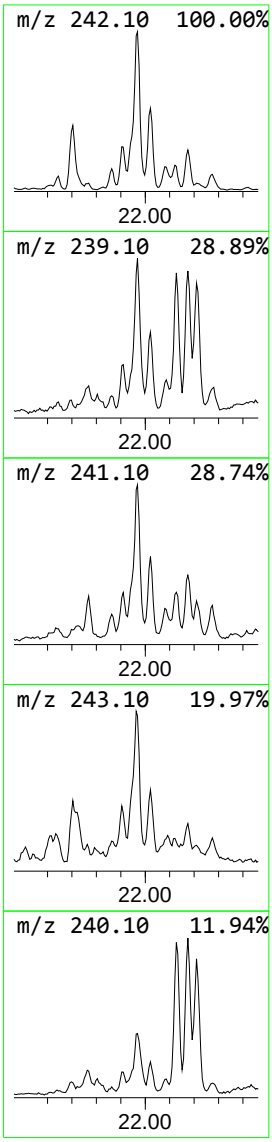
Peak Number 17 Benz[a]anthracene, 7-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.963	2.32 ng	581092	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90





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TIC Library : C:\Database\NIST20.L
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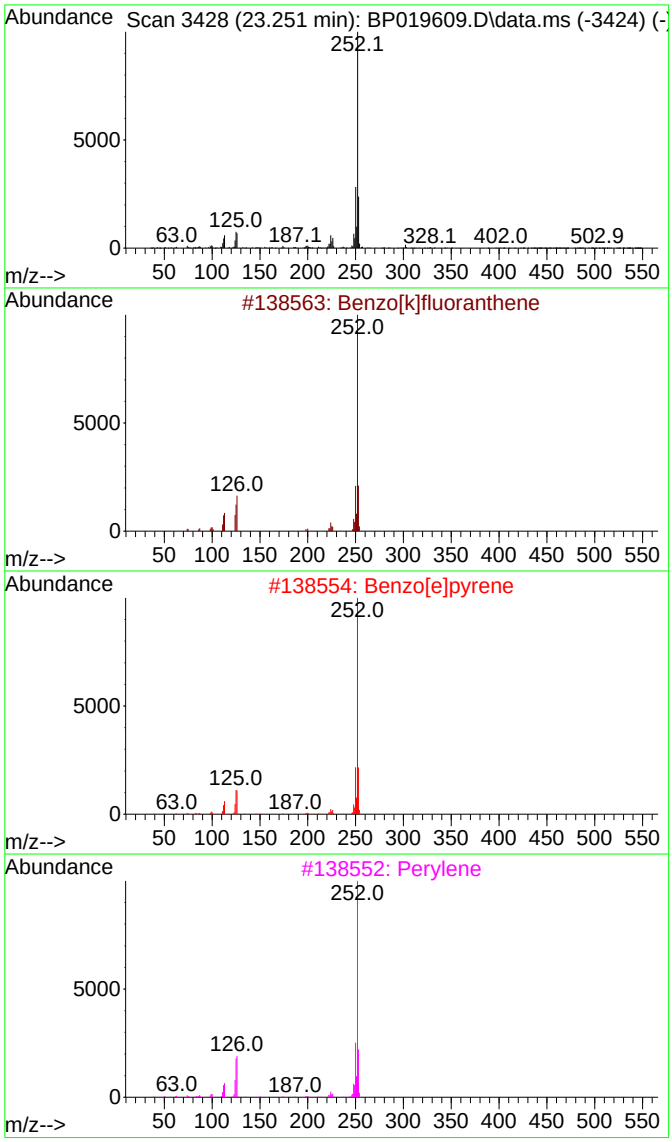
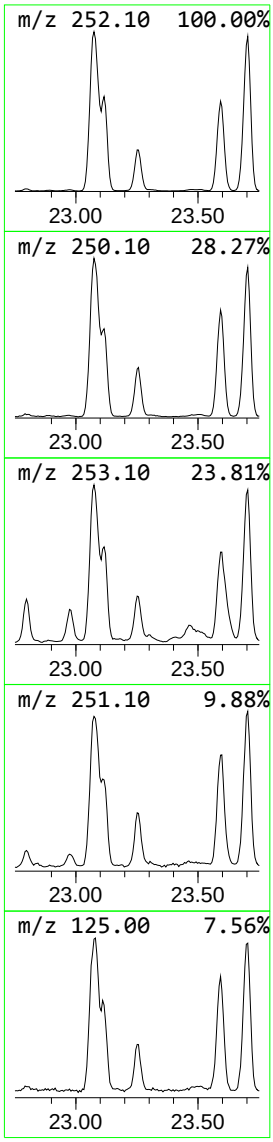
Peak Number 18 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.251	9.79 ng	757485	Perylene-d12	23.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	91
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





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Acq On : 08 Feb 2024 14:39
Operator : MA/JU
Sample : P1141-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.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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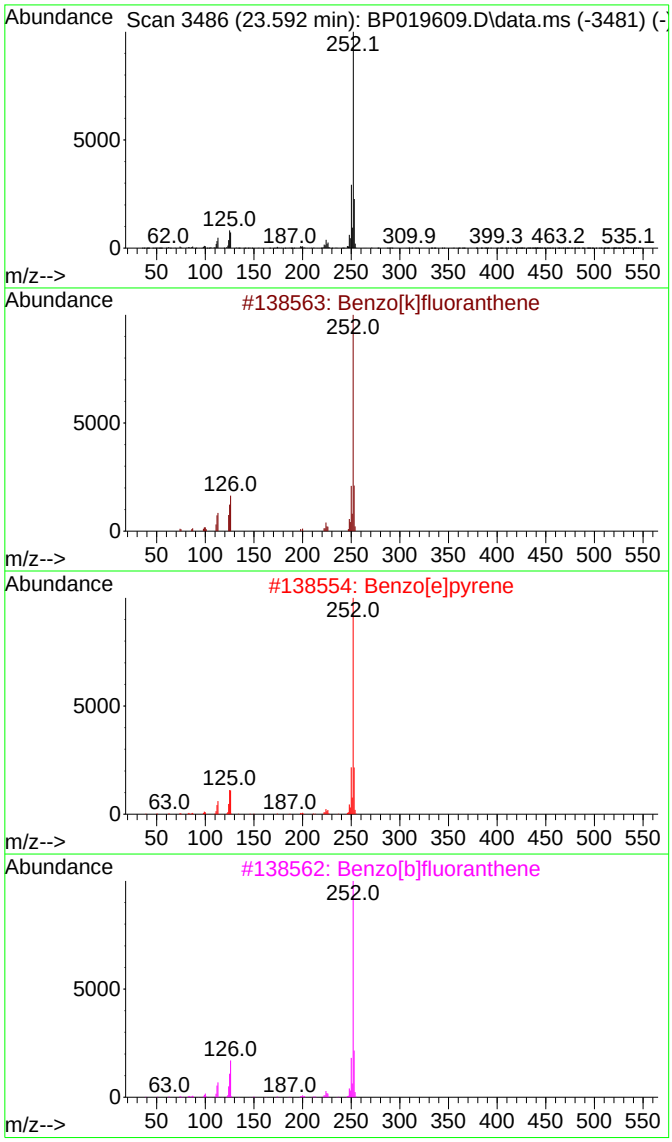
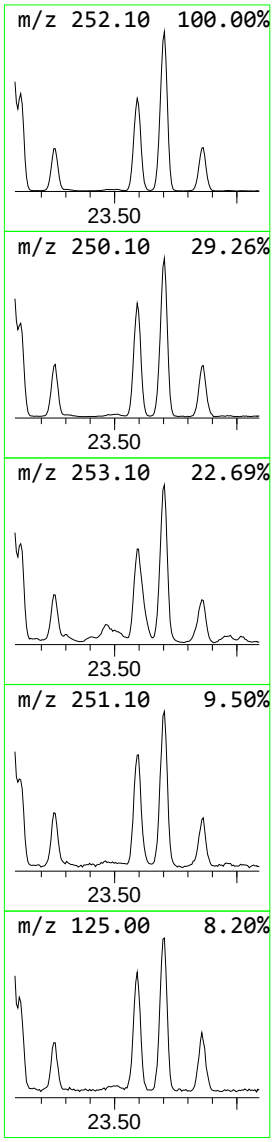
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.592	31.41 ng	2430540	Perylene-d12	23.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019609.D
Acq On : 08 Feb 2024 14:39
Operator : MA/JU
Sample : P1141-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.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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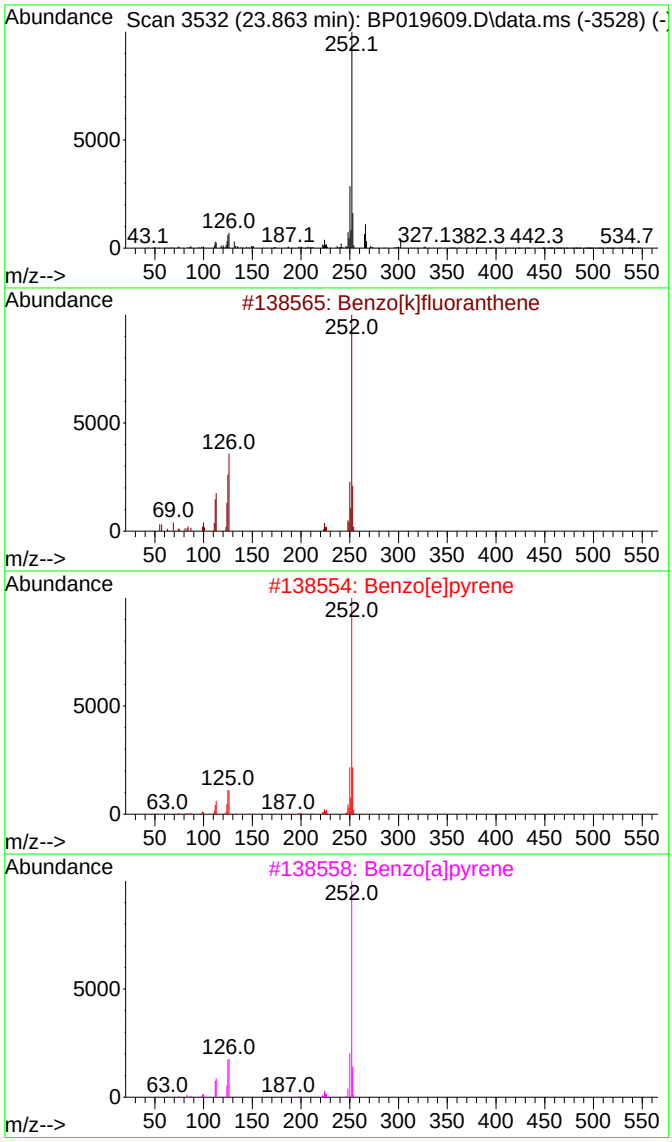
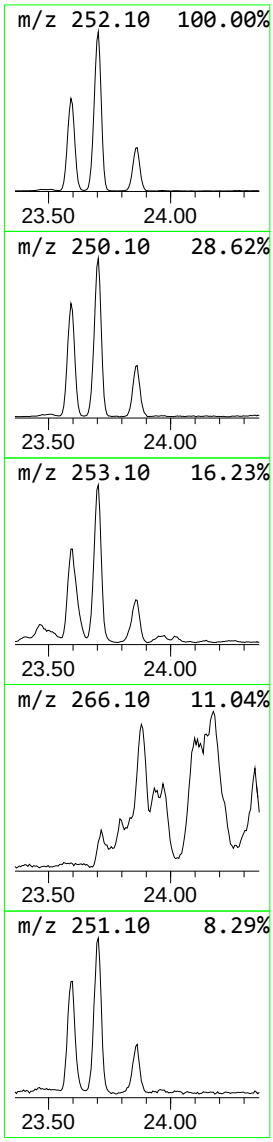
Peak Number 20 unknown23.863 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.863	14.59 ng	1129380	Perylene-d12	23.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	86
3	Benzo[a]pyrene	252	C20H12	000050-32-8	83
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	62
5	Perylene	252	C20H12	000198-55-0	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019609.D
Acq On : 08 Feb 2024 14:39
Operator : MA/JU
Sample : P1141-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.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
Naphthalene, 2-...	14.598	2.1	ng	117359	3	14.534	1095750	20.0
Phenanthrene, 1...	18.157	3.6	ng	231996	4	17.292	1303220	20.0
Phenanthrene, 2...	18.198	11.7	ng	763581	4	17.292	1303220	20.0
Anthracene, 2-m...	18.281	4.0	ng	258522	4	17.292	1303220	20.0
4H-Cyclopenta[d...	18.345	8.5	ng	555497	4	17.292	1303220	20.0
Naphtho[2,3-b]n...	18.381	2.8	ng	181511	4	17.292	1303220	20.0
Naphthalene, 2-...	18.645	2.9	ng	185634	4	17.292	1303220	20.0
di-p-Tolylacety...	19.045	5.1	ng	333662	4	17.292	1303220	20.0
Phenanthrene, 3...	19.104	2.4	ng	156412	4	17.292	1303220	20.0
Cyclopenta(def)...	19.180	4.0	ng	264203	4	17.292	1303220	20.0
Pyrene, 1-methyl-	19.974	2.6	ng	660495	5	21.386	5014400	20.0
Fluoranthene, 2...	20.139	3.0	ng	739806	5	21.386	5014400	20.0
Pyrene, 2-methyl-	20.292	2.4	ng	611300	5	21.386	5014400	20.0
Cyclopenta[cd]p...	21.110	3.1	ng	770504	5	21.386	5014400	20.0
Cyclopenta(cd)p...	21.545	2.4	ng	605976	5	21.386	5014400	20.0
Benz[a]anthrace...	21.963	2.3	ng	581092	5	21.386	5014400	20.0
Benzo[e]pyrene	23.251	9.8	ng	757485	6	23.804	1547810	20.0
Perylene	23.592	31.4	ng	2430540	6	23.804	1547810	20.0
unknown23.863	23.863	14.6	ng	1129380	6	23.804	1547810	20.0