LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019935.D
Acq On : 29 Feb 2024 14:01
Operator : MA/JU
Sample : P1544-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VNJ218

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-BP022624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019935.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.469	397	405	417	rBV	1251106	1921186	5.37%	0.939%
2	7.075	670	678	690	rBV	1244095	2058754	5.75%	1.006%
3	7.893	810	817	824	rBV	290837	473062	1.32%	0.231%
4	9.069	1008	1017	1027	rBV	816113	1391242	3.89%	0.680%
5	10.699	1286	1294	1300	rBV	382529	660674	1.85%	0.323%
6	13.169	1707	1714	1726	rVB	2163779	3311923	9.25%	1.618%
7	14.540	1941	1947	1954	rBV	598074	920105	2.57%	0.449%
8	15.375	2084	2089	2104	rVB	329177	598403	1.67%	0.292%
9	16.045	2194	2203	2210	rBV	2239829	3282127	9.17%	1.603%
10	16.257	2234	2239	2248	rBV3	260517	582169	1.63%	0.284%
11	16.839	2329	2338	2341	rBV2	347516	651428	1.82%	0.318%
12	17.034	2366	2371	2383	rVV	458921	981912	2.74%	0.480%
13	17.310	2413	2418	2422	rBV	771645	1175382	3.28%	0.574%
14	17.351	2422	2425	2429	rVB	589236	747055	2.09%	0.365%
15	17.445	2436	2441	2445	rBV	351716	490267	1.37%	0.240%
16	17.492	2445	2449	2456	rBV2	295086	640549	1.79%	0.313%
17	17.716	2482	2487	2489	rBV2	252508	402836	1.13%	0.197%
18	17.751	2489	2493	2503	rVV	412571	1062303	2.97%	0.519%
19	17.834	2503	2507	2512	rVV	572236	776970	2.17%	0.380%
20	18.210	2567	2571	2579	rVB3	809904	1565536	4.37%	0.765%
21	18.304	2579	2587	2592	rBV3	549931	1000129	2.79%	0.489%
22	18.363	2592	2597	2602	rBV2	1281043	2152209	6.01%	1.051%
23	18.669	2644	2649	2653	rBV2	603534	859139	2.40%	0.420%
24	18.722	2654	2658	2666	rVB4	314346	453674	1.27%	0.222%
25	18.904	2681	2689	2693	rBV2	375558	790536	2.21%	0.386%
26	18.951	2693	2697	2700	rVV	673861	820026	2.29%	0.401%
27	18.992	2700	2704	2708	rVB	681286	855151	2.39%	0.418%
28	19.069	2712	2717	2722	rBV	1260268	2101236	5.87%	1.026%
29	19.133	2722	2728	2731	rVV2	735551	1611474	4.50%	0.787%
30	19.163	2731	2733	2737	rVV	496662	580280	1.62%	0.283%
31	19.228	2737	2744	2750	rVV	3674099	5626850	15.71%	2.749%
32	19.351	2755	2765	2769	rBV	20701271	35807437	100.00%	17.492%
33	19.392	2769	2772	2775	rVV	503623	637232	1.78%	0.311%
34	19.433	2775	2779	2784	rVB3	497368	961008	2.68%	0.469%
35	19.563	2790	2801	2805	rBV4	475551	1325220	3.70%	0.647%
36	19.604	2805	2808	2813	rVB4	326281	493986	1.38%	0.241%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019935.D
Acq On : 29 Feb 2024 14:01
Operator : MA/JU
Sample : P1544-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ218

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-BP022624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.704	2813	2825	2829	rBV2	16171932	32853441	91.75%	16.049%
38	19.751	2829	2833	2840	rVB2	1200186	1802572	5.03%	0.881%
39	19.880	2844	2855	2859	rBV2	4206112	7818595	21.84%	3.819%
40	19.916	2859	2861	2866	rVB2	583713	724165	2.02%	0.354%
41	20.010	2869	2877	2886	rBV2	1714817	4878541	13.62%	2.383%
42	20.086	2887	2890	2893	rVV3	300467	403416	1.13%	0.197%
43	20.133	2893	2898	2901	rVV4	1256824	2563249	7.16%	1.252%
44	20.169	2901	2904	2908	rVB2	1588875	2160317	6.03%	1.055%
45	20.269	2916	2921	2924	rBV	657704	933611	2.61%	0.456%
46	20.322	2924	2930	2934	rVV2	2192676	4136376	11.55%	2.021%
47	20.357	2934	2936	2940	rVB	574817	640210	1.79%	0.313%
48	20.398	2940	2943	2948	rVB	572481	722413	2.02%	0.353%
49	20.463	2949	2954	2957	rBV	926350	1275977	3.56%	0.623%
50	20.504	2957	2961	2965	rVB2	962234	1249907	3.49%	0.611%
51	20.592	2973	2976	2978	rBV2	282775	368953	1.03%	0.180%
52	20.639	2979	2984	2992	rVB	8519908	10532389	29.41%	5.145%
53	20.910	3025	3030	3035	rBV	2254606	3110481	8.69%	1.520%
54	21.063	3051	3056	3060	rBV2	1524009	2462826	6.88%	1.203%
55	21.104	3060	3063	3066	rVV	1644887	2146993	6.00%	1.049%
56	21.145	3066	3070	3075	rVV2	1028610	1876091	5.24%	0.916%
57	21.204	3076	3080	3089	rVB	1283240	2007079	5.61%	0.980%
58	21.298	3090	3096	3099	rBV3	449915	902991	2.52%	0.441%
59	21.410	3108	3115	3121	rBV2	7152029	13012472	36.34%	6.357%
60	21.463	3121	3124	3134	rVB	4212206	6043540	16.88%	2.952%
61	21.580	3141	3144	3150	rBV2	403196	566667	1.58%	0.277%
62	21.751	3168	3173	3177	rBV3	387189	777683	2.17%	0.380%
63	21.798	3178	3181	3185	rVV2	428319	553274	1.55%	0.270%
64	21.939	3202	3205	3209	rBV3	390274	523485	1.46%	0.256%
65	22.004	3212	3216	3220	rVV	1184532	1719504	4.80%	0.840%
66	22.057	3221	3225	3231	rVB2	618382	1124312	3.14%	0.549%
67	22.210	3248	3251	3255	rBV	363224	584589	1.63%	0.286%
68	22.527	3301	3305	3309	rBV	410340	639393	1.79%	0.312%
69	22.833	3352	3357	3369	rVB4	552299	1322470	3.69%	0.646%
70	23.127	3399	3407	3411	rBV	2593618	6324576	17.66%	3.090%
71	23.304	3433	3437	3442	rVB	336994	534508	1.49%	0.261%
72	23.645	3489	3495	3504	rVB	1011835	2182374	6.09%	1.066%
73	23.751	3507	3513	3521	rVB	1326229	2665167	7.44%	1.302%
74	23.857	3526	3531	3536	rVV	421567	789494	2.20%	0.386%

Sum of corrected areas: 204703571

Instrument :
BNA_P
ClientSampleId :
VNJ218

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
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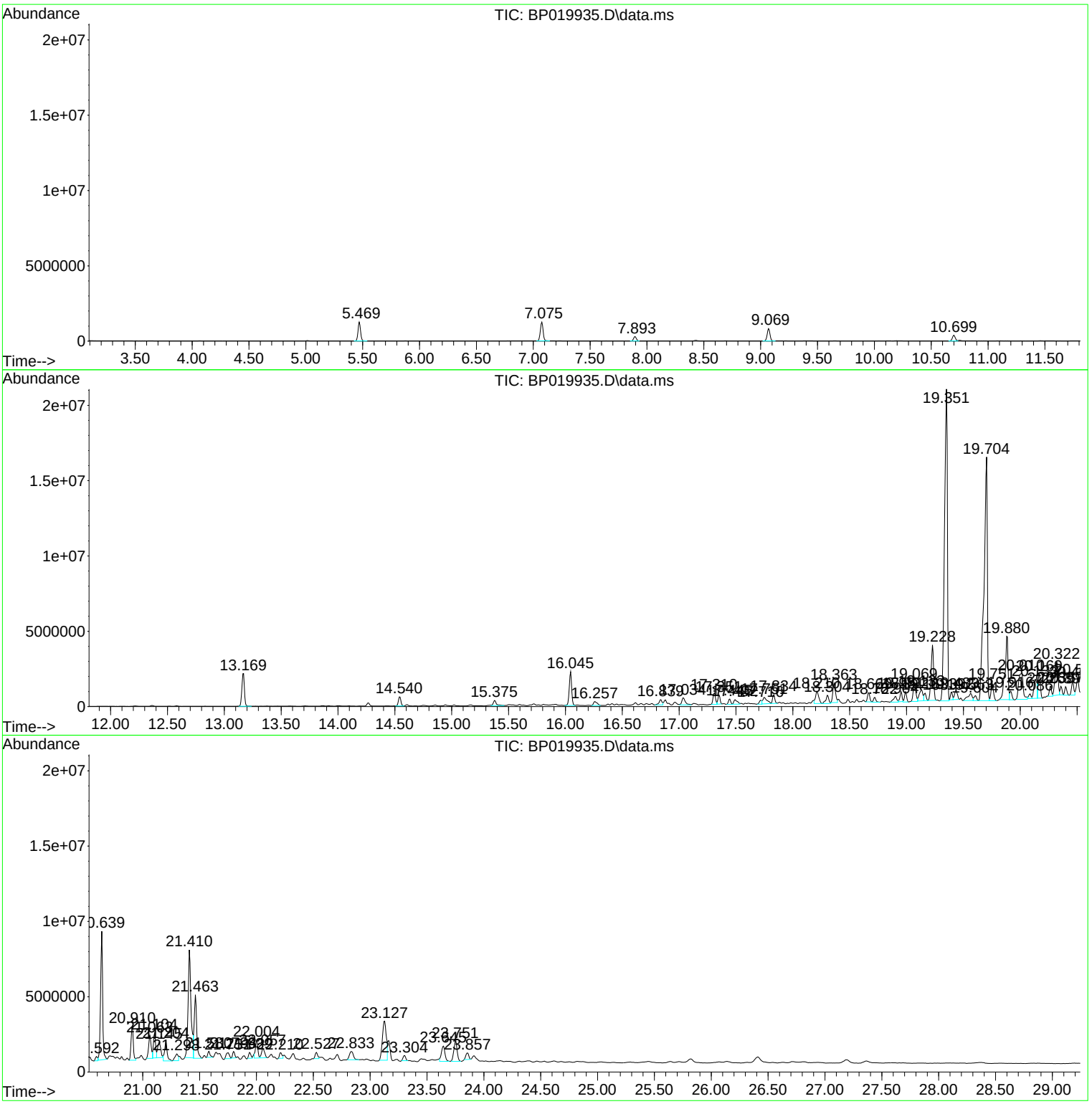
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ218

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.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\BP022924\
Data File : BP019935.D
Acq On : 29 Feb 2024 14:01
Operator : MA/JU
Sample : P1544-01
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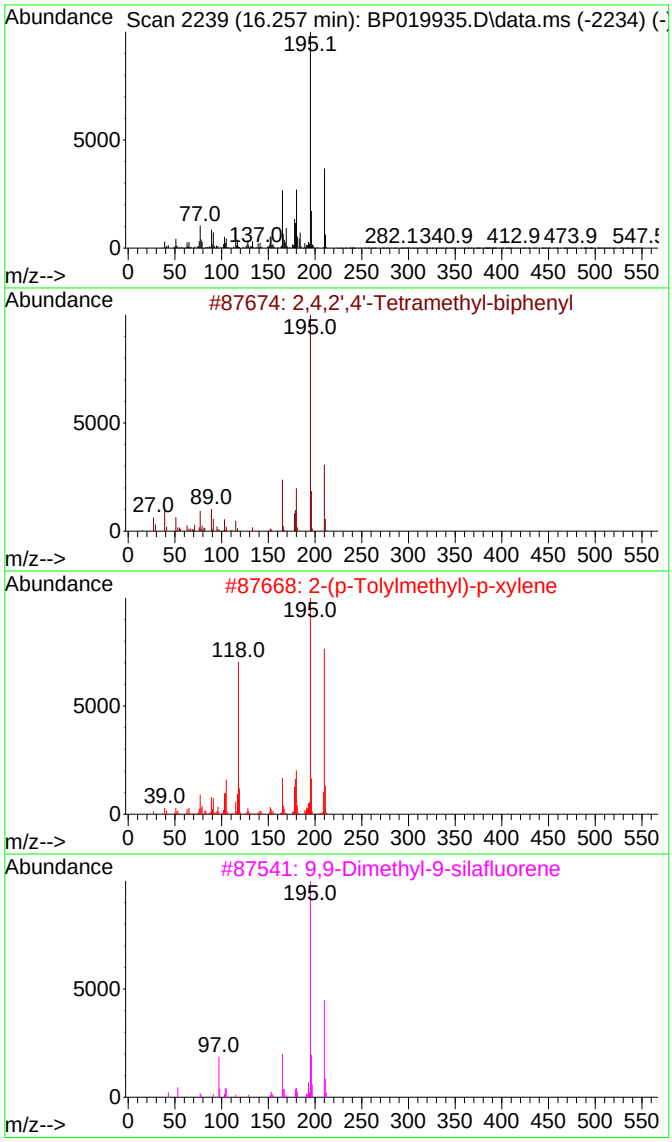
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

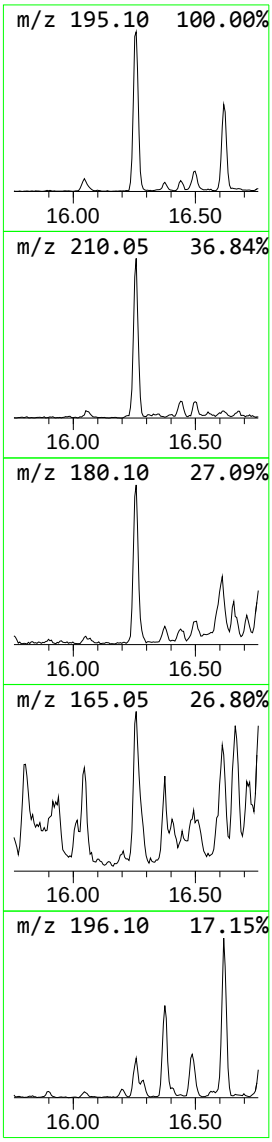
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2,4,2',4'-Tetramethyl-biphenyl Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.257	9.91 ng	582169	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,2',4'-Tetramethyl-biphenyl	210	C16H18	1000486-97-7	93
2	2-(p-Tolylmethyl)-p-xylene	210	C16H18	000721-45-9	80
3	9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	68
4	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	58
5	2-Methoxybenzyl alcohol, TBDMS d...	252	C14H24O2Si	1000364-16-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019935.D
Acq On : 29 Feb 2024 14:01
Operator : MA/JU
Sample : P1544-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ218

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

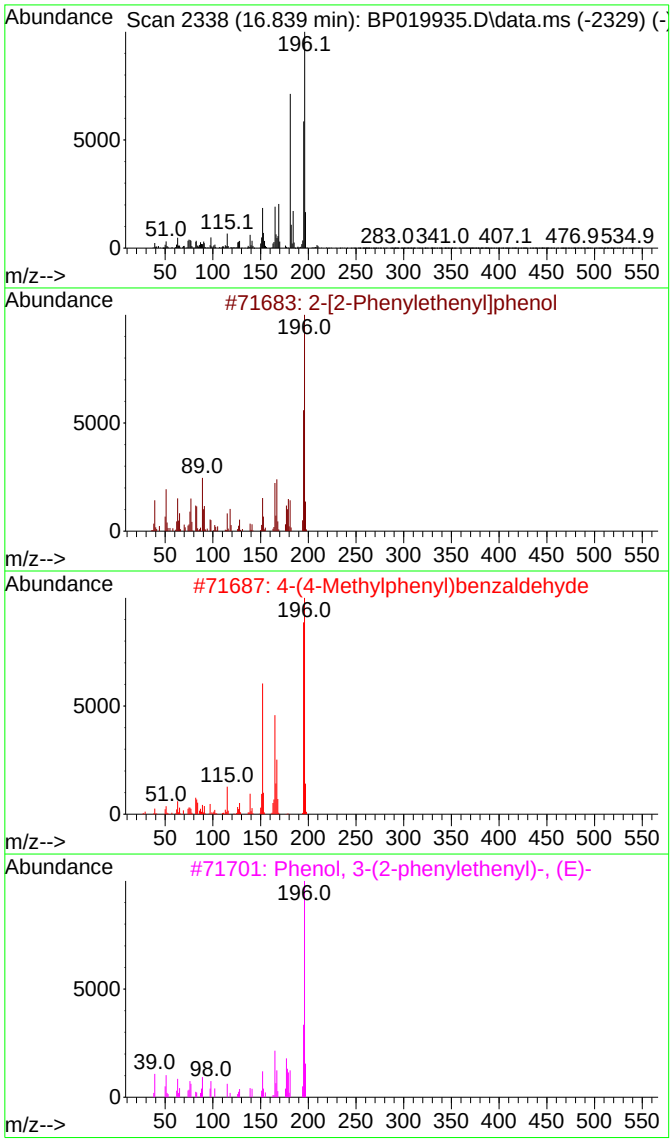
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

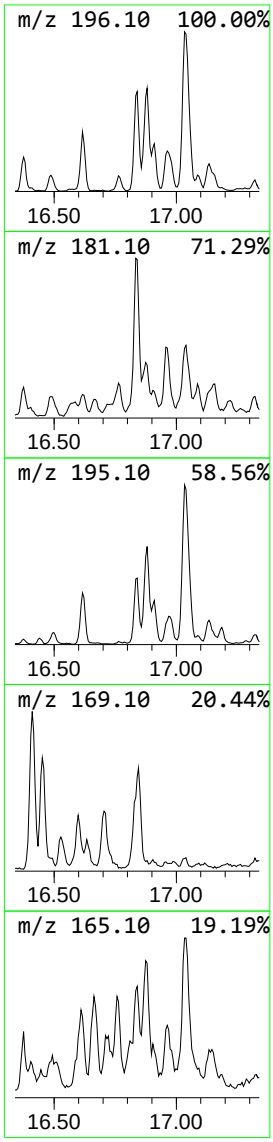
****

Peak Number 2 2-[2-Phenylethenyl]phenol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.840	11.08 ng	651428	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	62
2	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	58
3	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	49
4	Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	46
5	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019935.D
Acq On : 29 Feb 2024 14:01
Operator : MA/JU
Sample : P1544-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ218

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

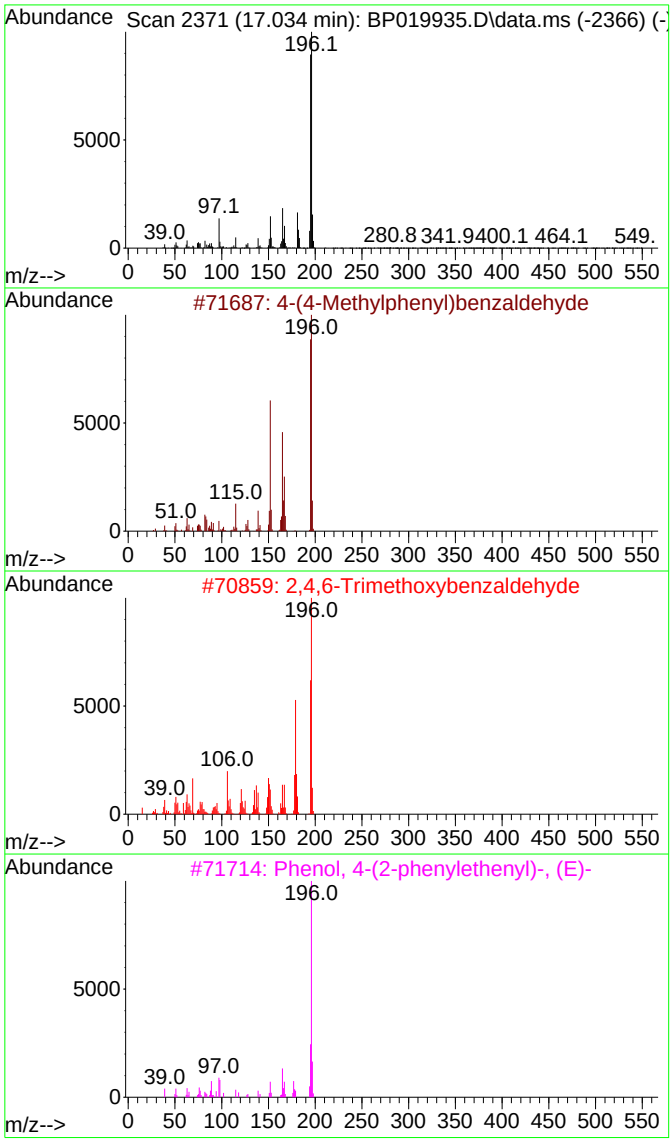
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

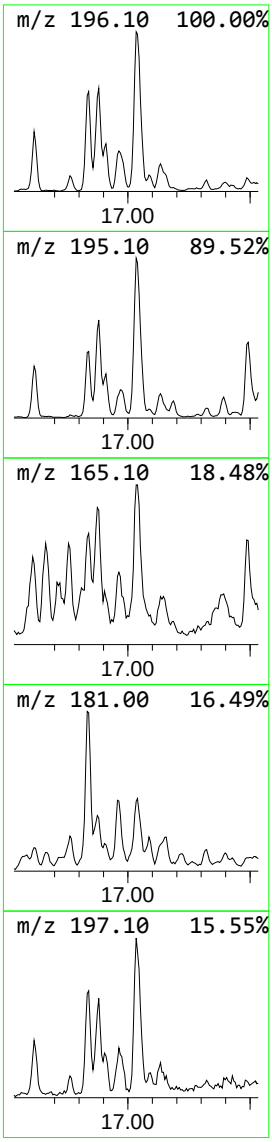
****

Peak Number 3 4-(4-Methylphenyl)benzaldehyde Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.034	16.71 ng	981912	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	93
2	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	86
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	70
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	64
5	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	59





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Data File : BP019935.D
Acq On : 29 Feb 2024 14:01
Operator : MA/JU
Sample : P1544-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ218

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

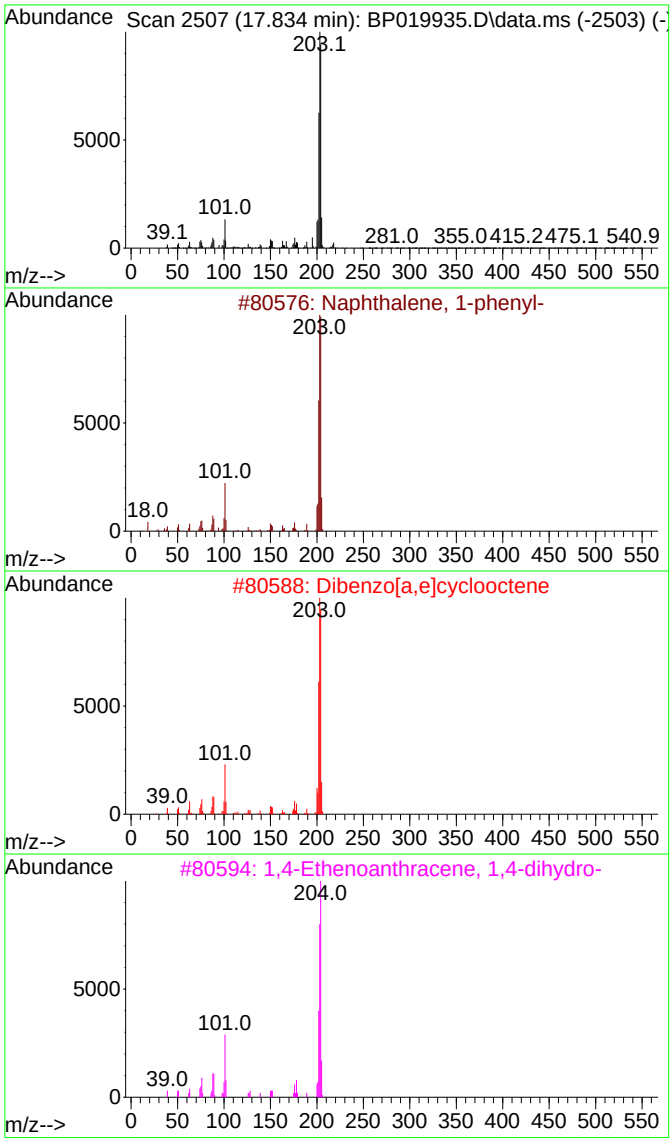
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

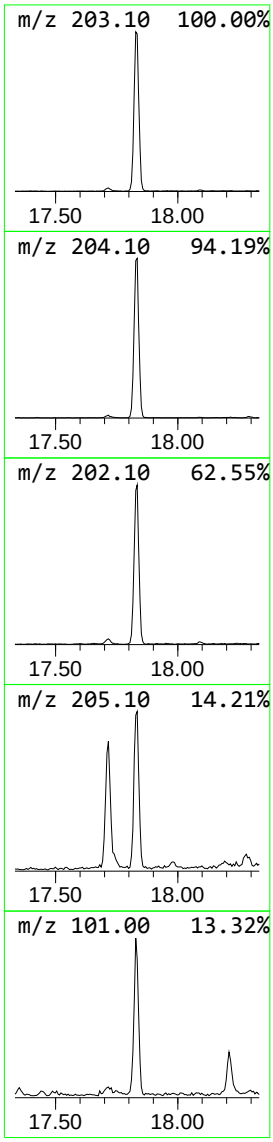
****

Peak Number 4 Naphthalene, 1-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.834	13.22 ng	776970	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	96
2	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
3	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	89
4	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	89
5	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019935.D
Acq On : 29 Feb 2024 14:01
Operator : MA/JU
Sample : P1544-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ218

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

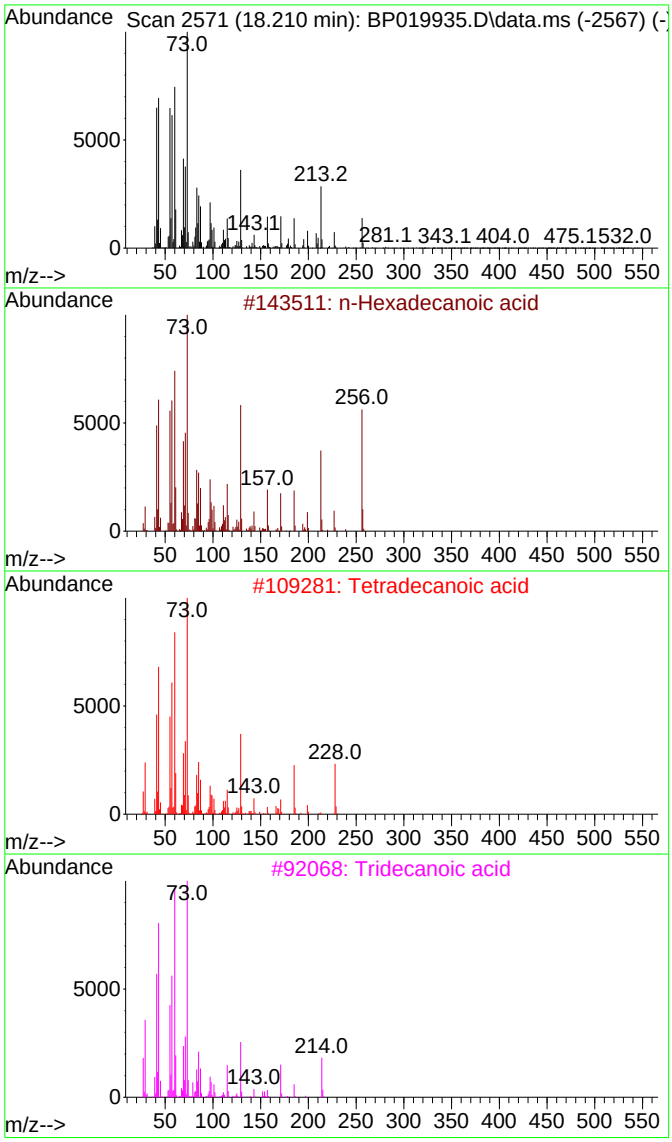
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

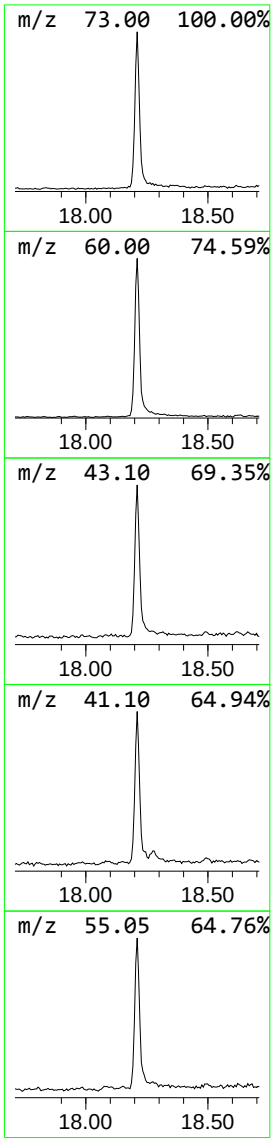
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	26.64 ng	1565540	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019935.D
Acq On : 29 Feb 2024 14:01
Operator : MA/JU
Sample : P1544-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ218

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.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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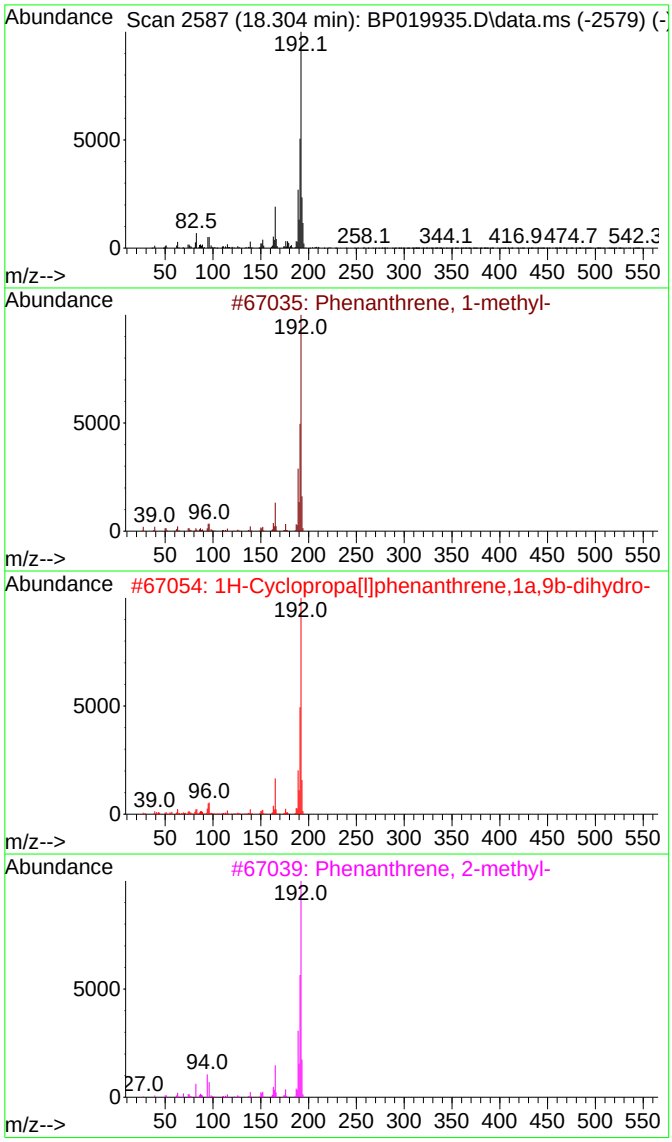
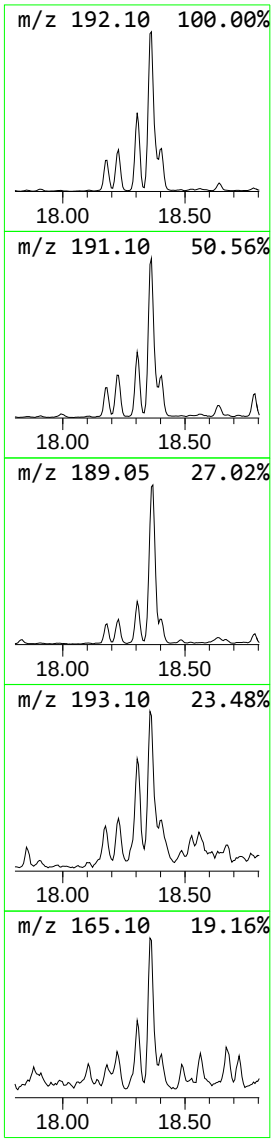
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.304	17.02 ng	1000130	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019935.D
Acq On : 29 Feb 2024 14:01
Operator : MA/JU
Sample : P1544-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ218

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

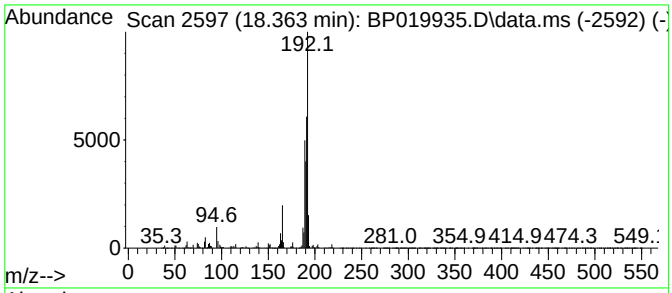
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

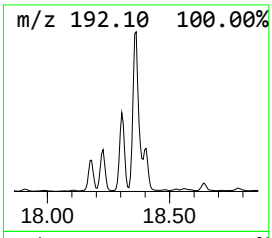
****

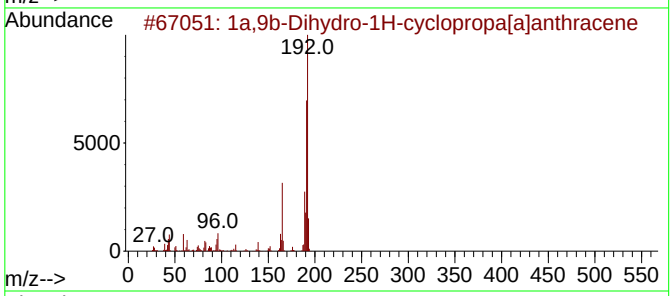
Peak Number 7 1a,9b-Dihydro-1H-cyclopropa... Concentration Rank 3

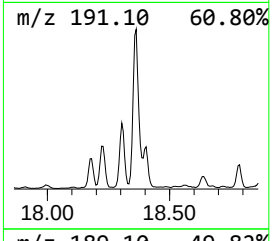
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.363	36.62 ng	2152210	Phenanthrene-d10	17.310

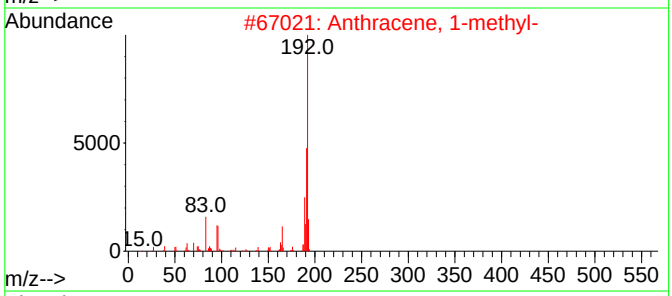
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	60
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60

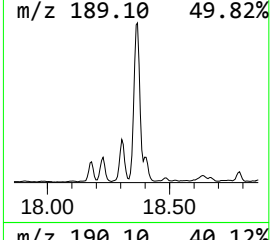


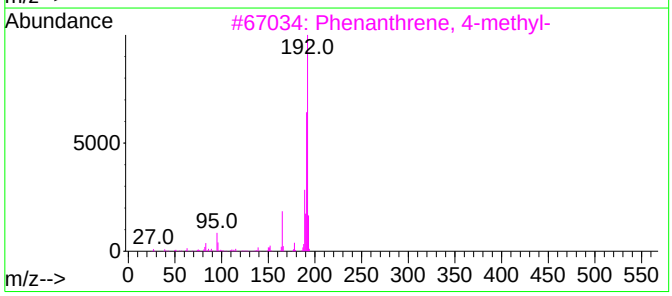


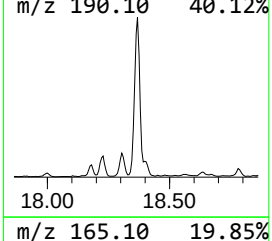


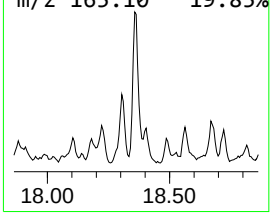












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Acq On : 29 Feb 2024 14:01
Operator : MA/JU
Sample : P1544-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ218

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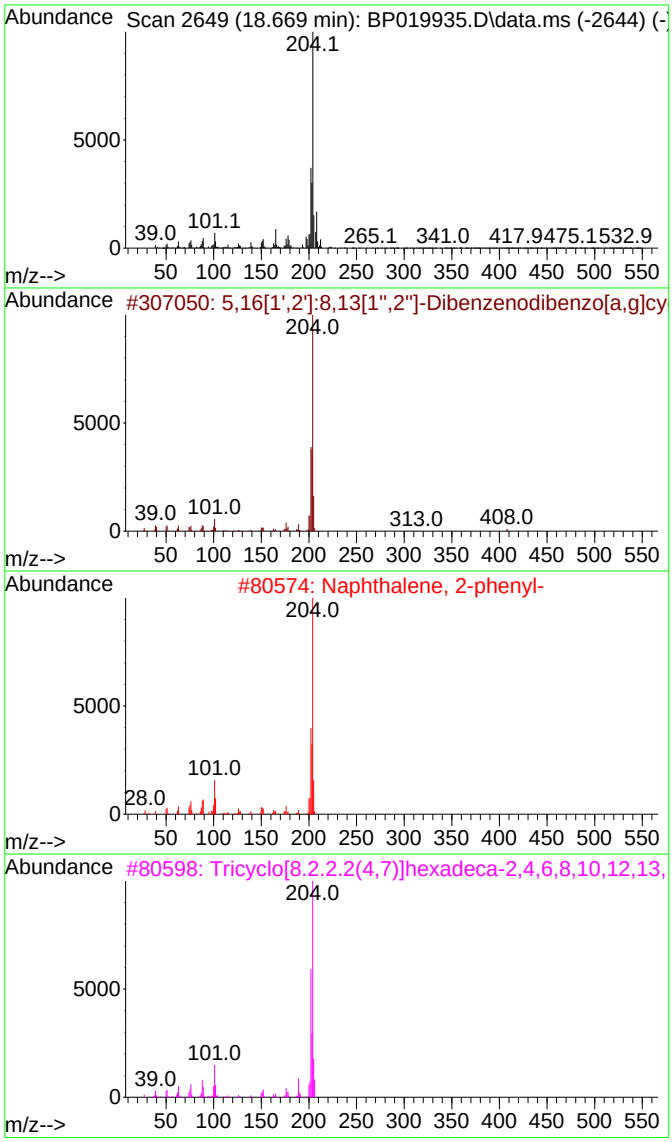
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

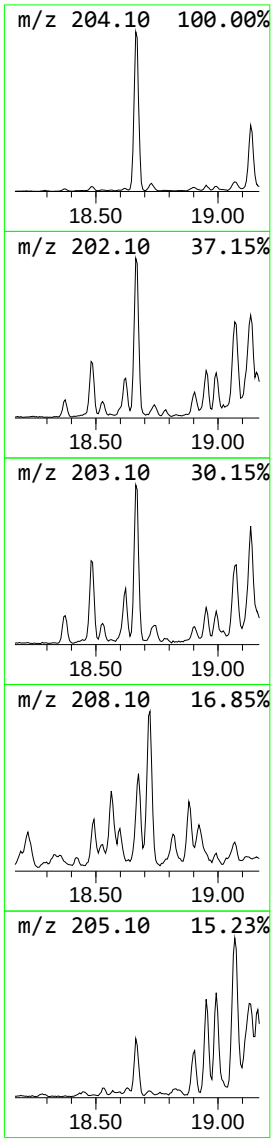
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.669	14.62 ng	859139	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	49





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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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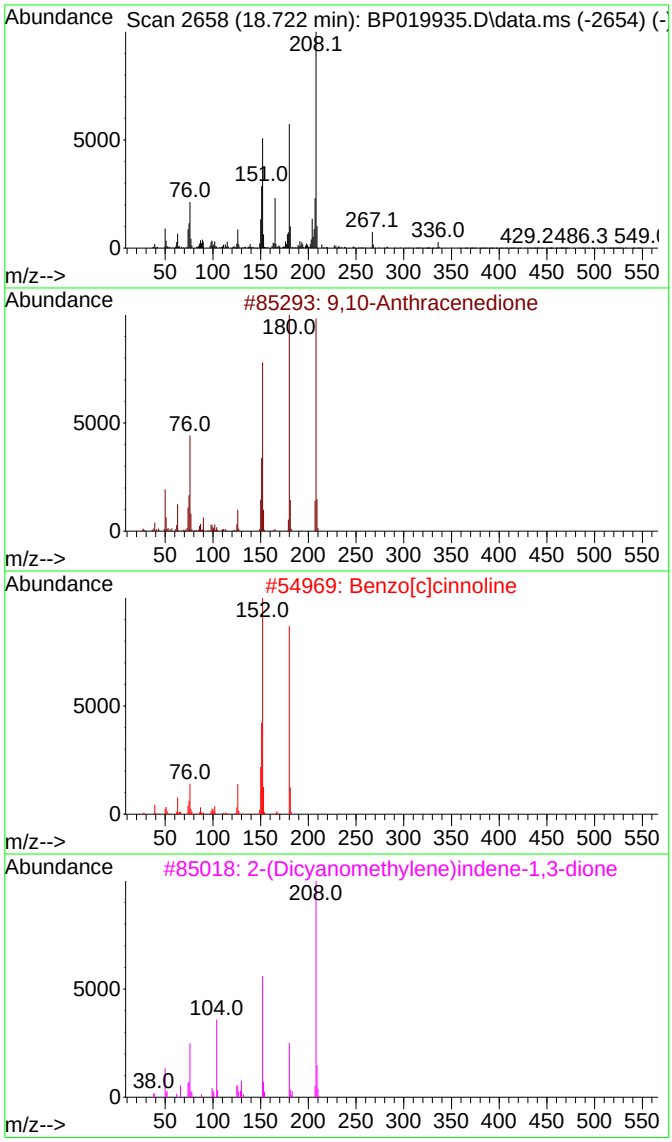
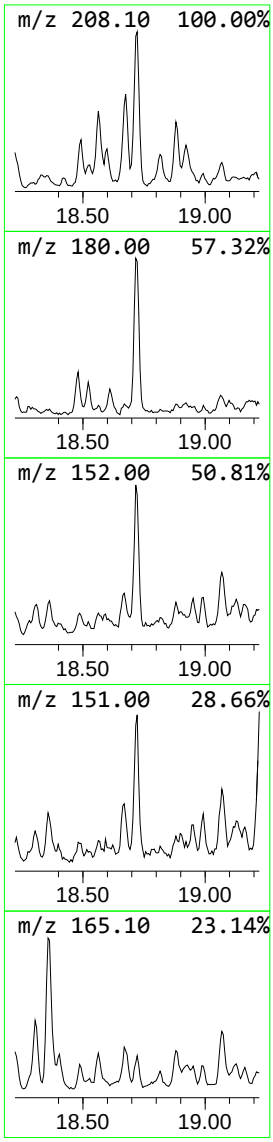
Peak Number 9 9,10-Anthracenedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.722	7.72 ng	453674	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	70
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
3	2-(Dicyanomethylene)indene-1,3-d...	208	C12H4N2O2	016954-74-8	49
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	38
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	30





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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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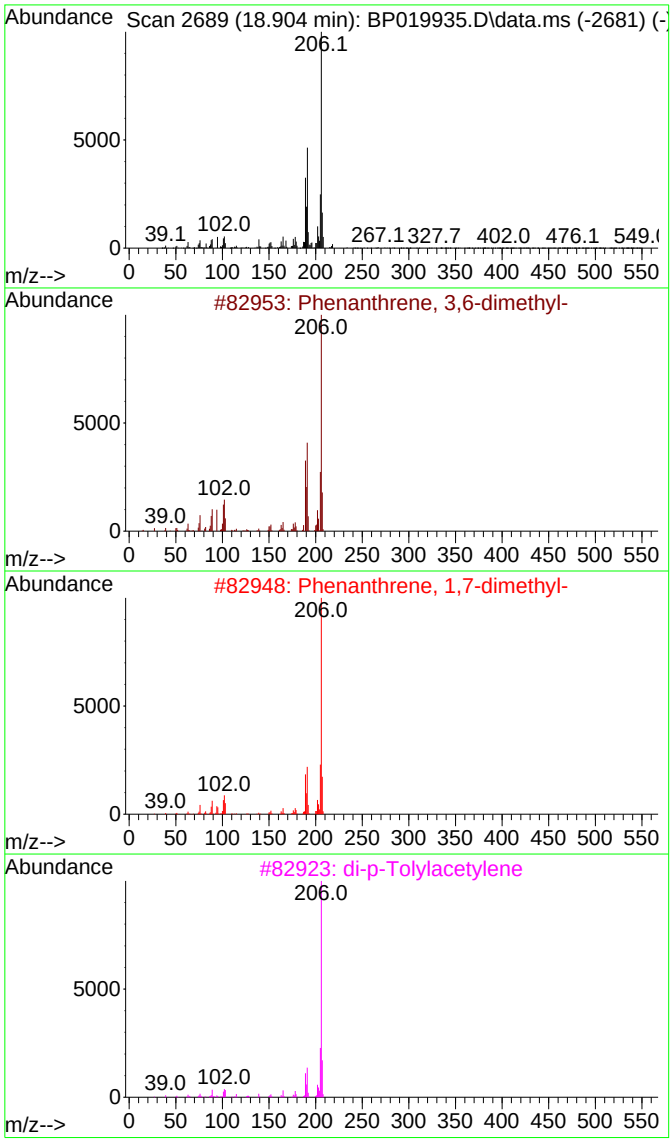
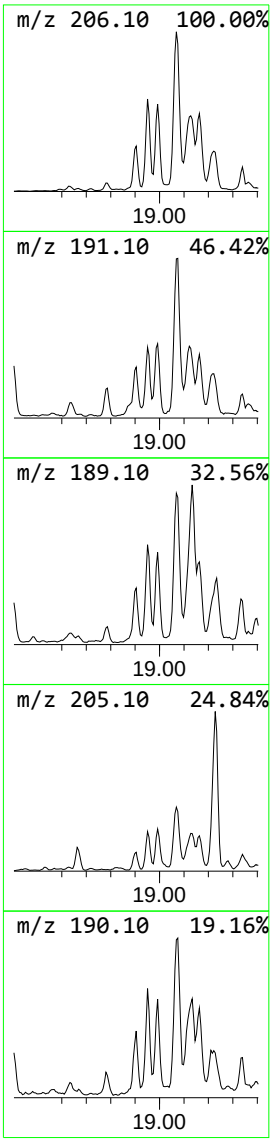
Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.904	13.45 ng	790536	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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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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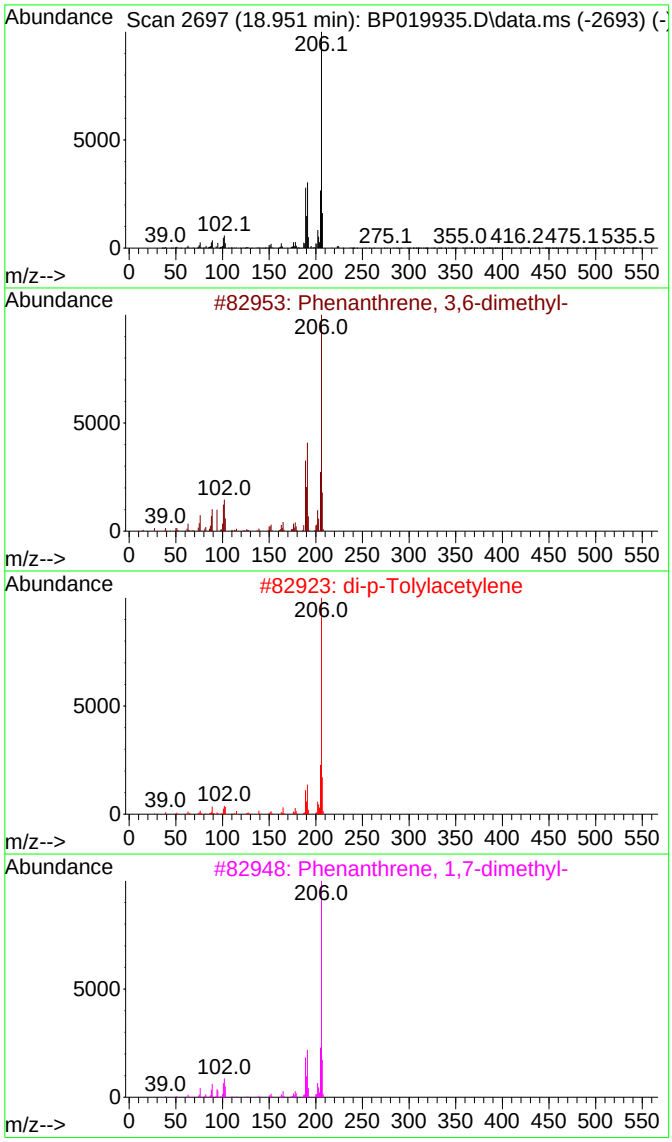
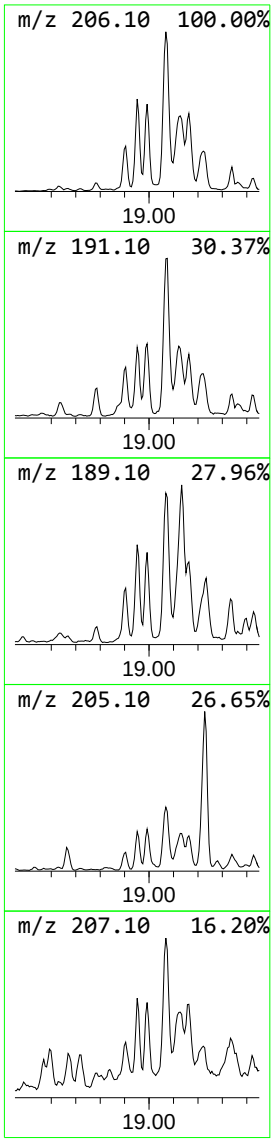
Peak Number 11 di-p-Tolylacetylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.951	13.95 ng	820026	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87





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Misc :
ALS Vial : 7 Sample Multiplier: 1

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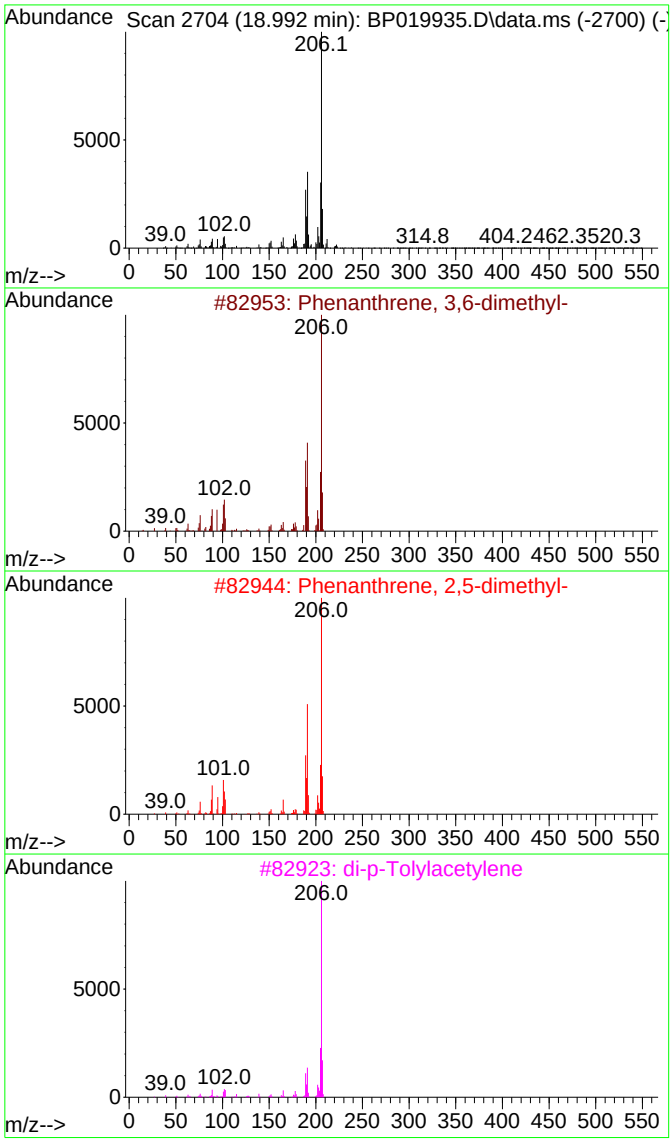
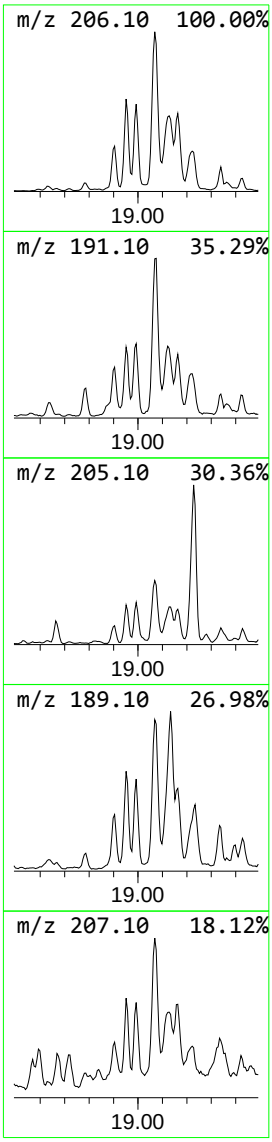
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	14.55 ng	855151	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93





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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

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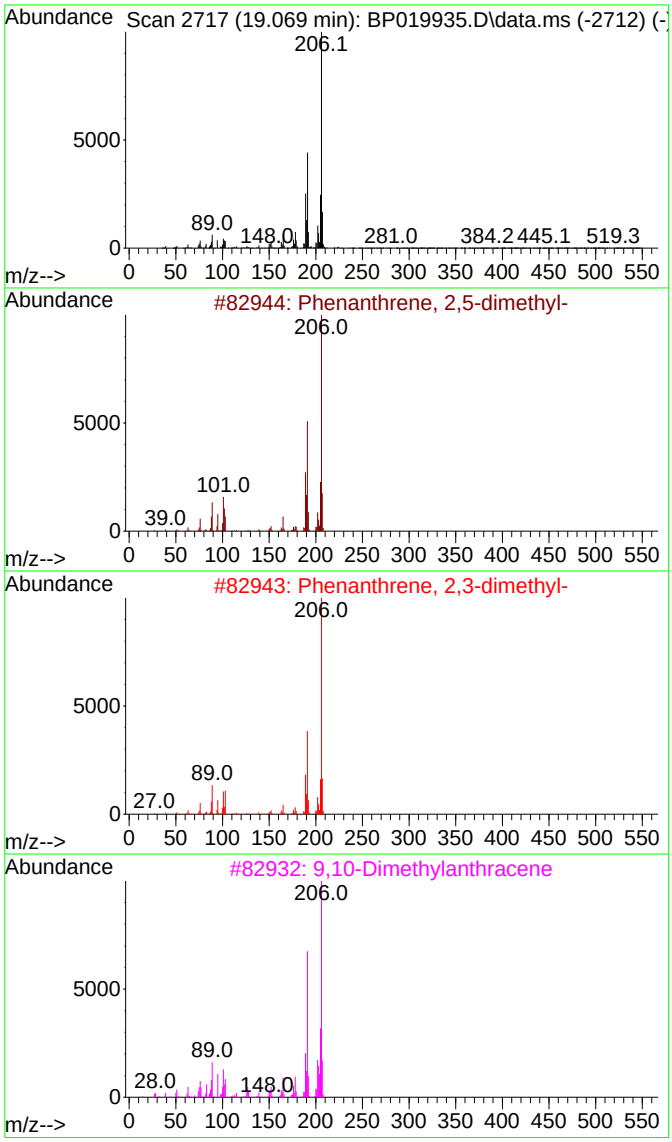
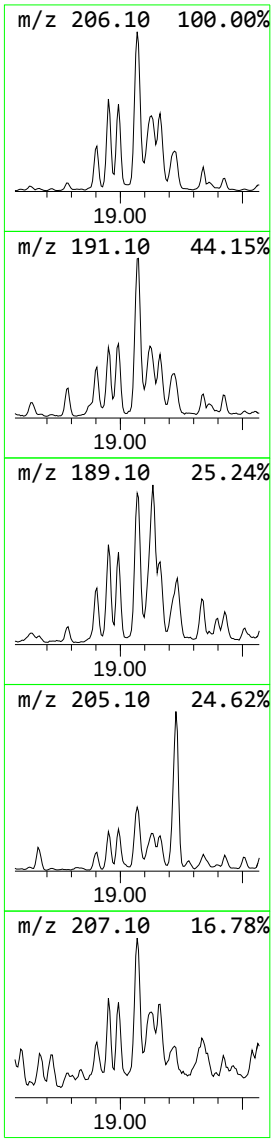
Peak Number 13 Phenanthrene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.069	35.75 ng	2101240	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91





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Misc :
ALS Vial : 7 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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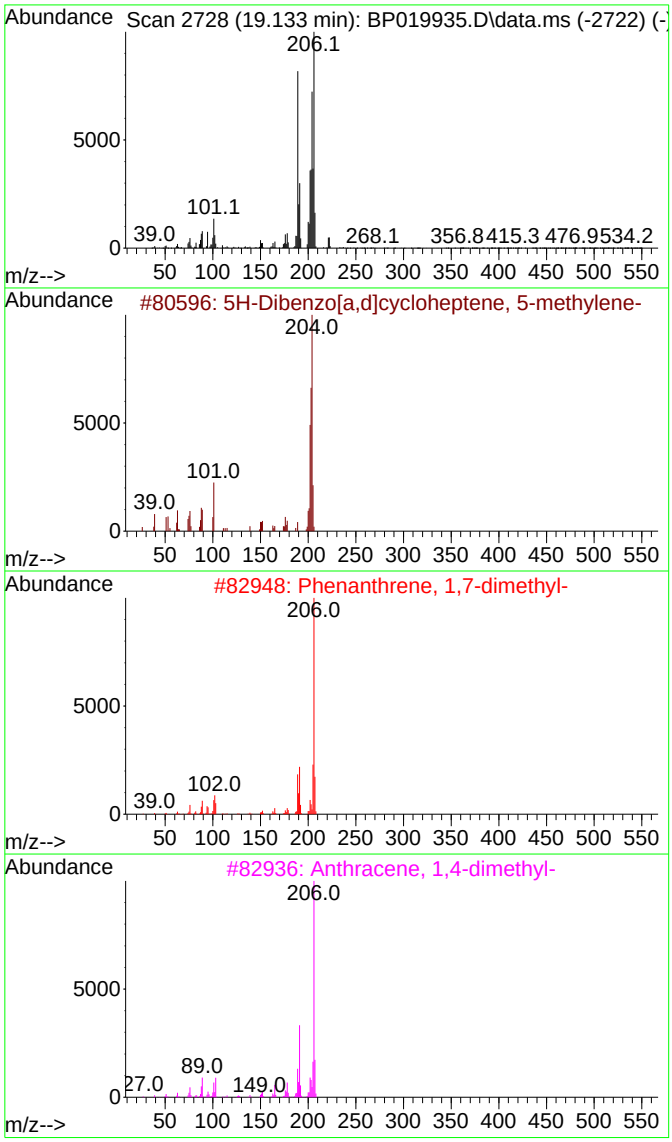
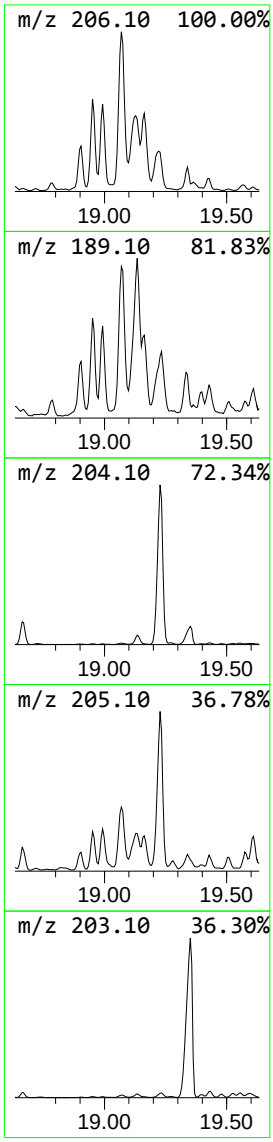
Peak Number 14 unknown19.134 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.134	27.42 ng	1611470	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	44
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	43
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	41
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	41
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	38





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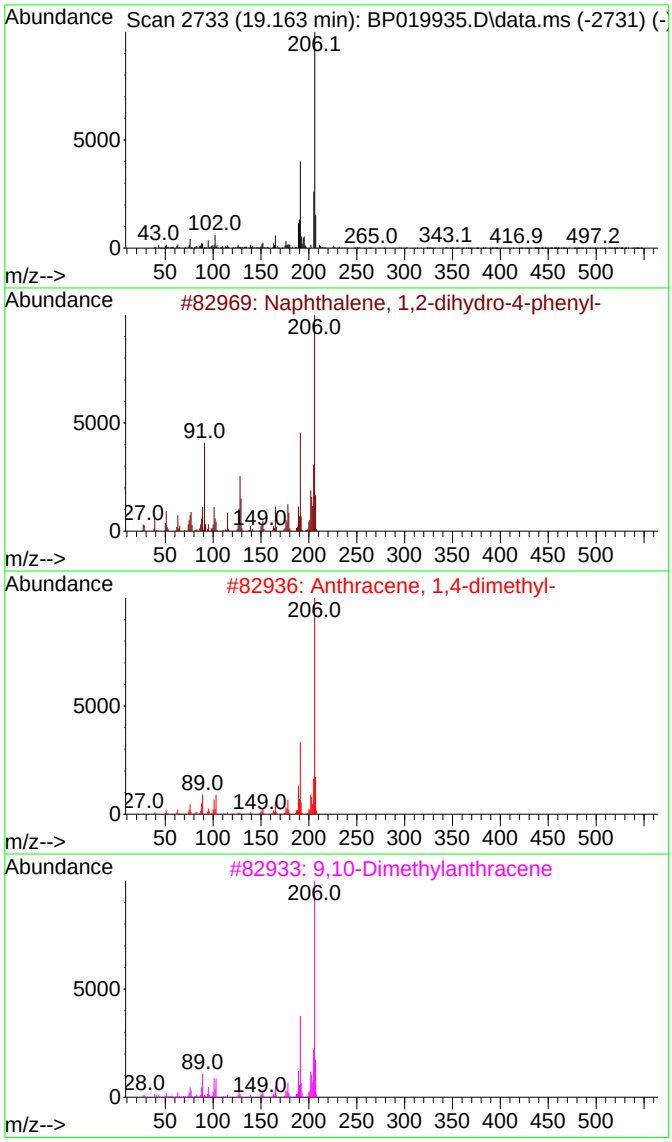
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

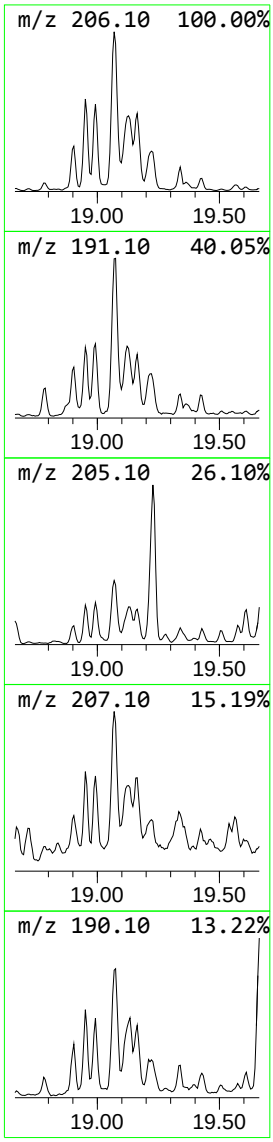
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1,2-dihydro-4-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.163	9.87 ng	580280	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	86
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
4	Benzene, 1,1'-(1-cyclobutene-1,2...	206	C16H14	003306-02-3	72
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	64





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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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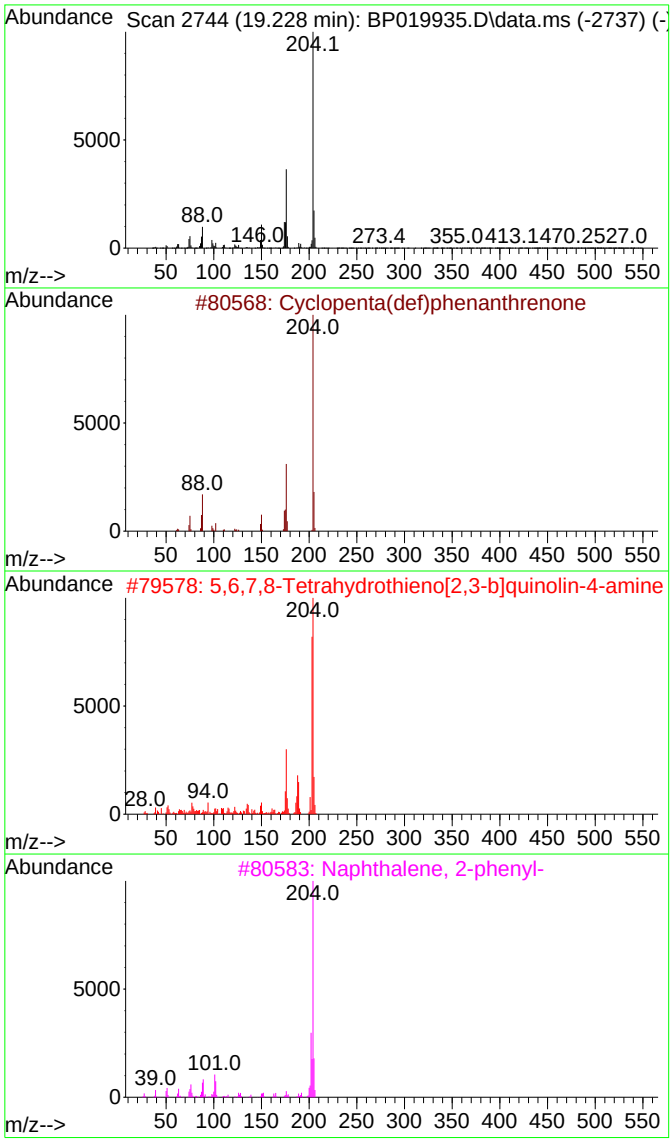
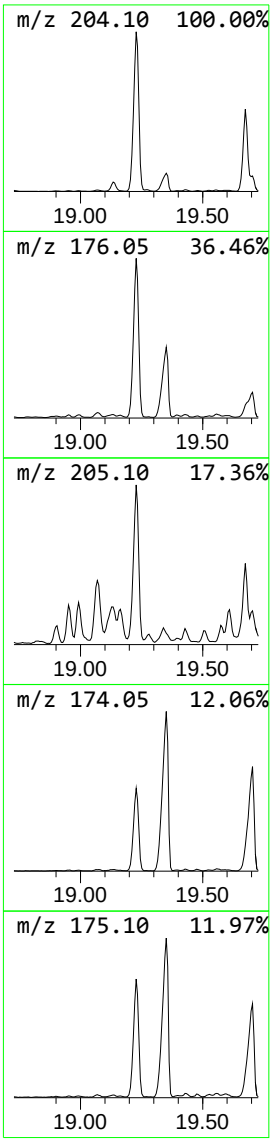
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.228	95.75 ng	5626850	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	72
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50
4	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	49
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	47





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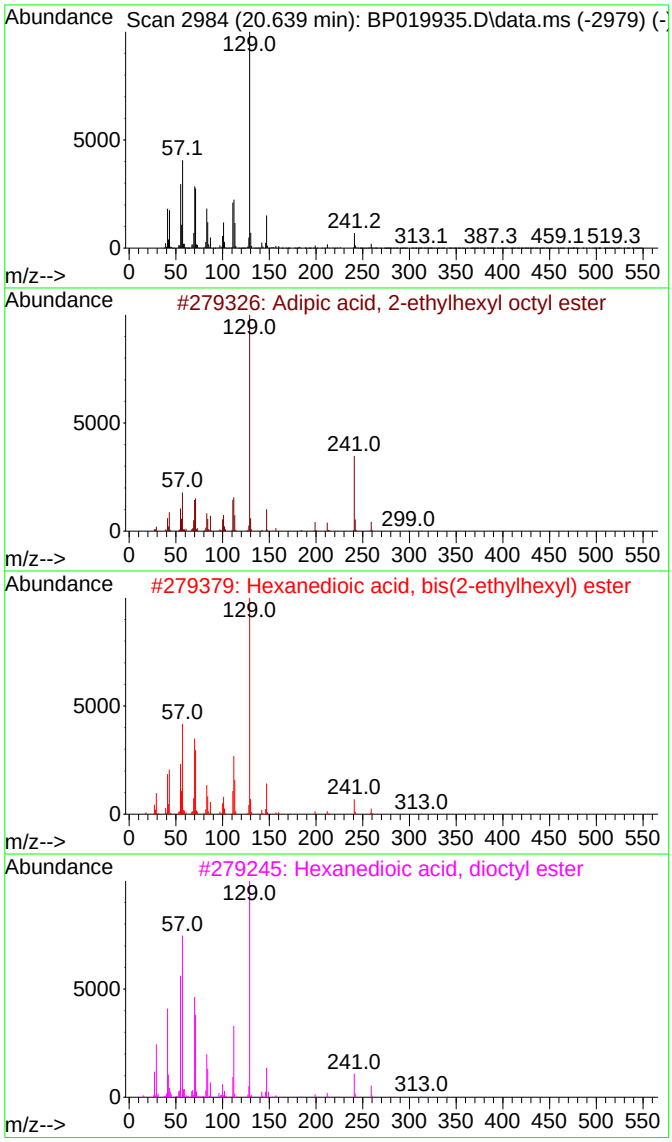
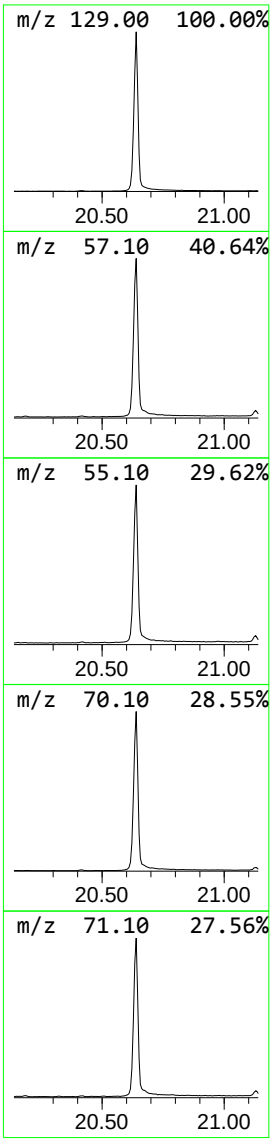
****
Peak Number 17 Adipic acid, 2-ethylhexyl o... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.639	16.19 ng	10532400	Chrysene-d12	21.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	91
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	72
4	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	68
5	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1010324-48-0	59





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Data File : BP019935.D
Acq On : 29 Feb 2024 14:01
Operator : MA/JU
Sample : P1544-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ218

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.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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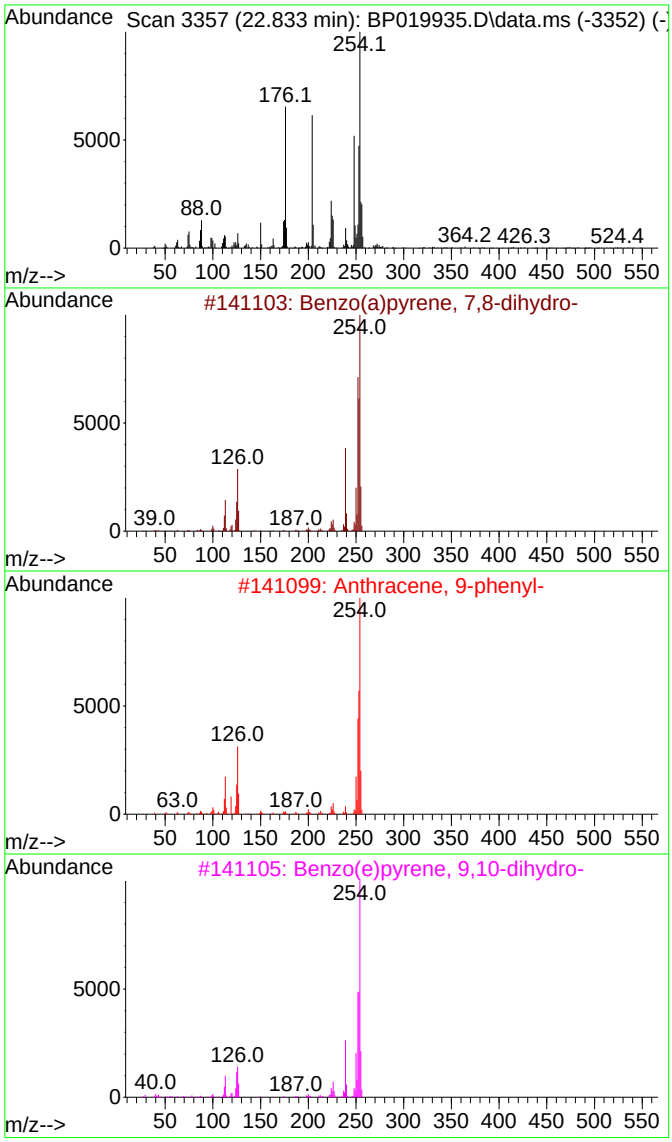
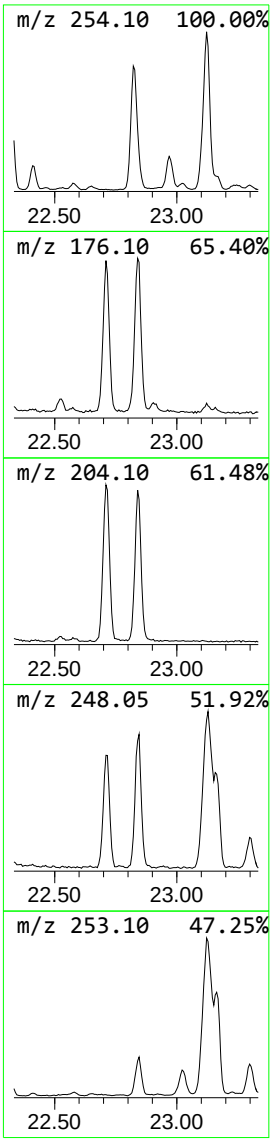
Peak Number 18 unknown22.833 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.833	33.50 ng	1322470	Perylene-d12	23.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)pyrene, 7,8-dihydro-	254	C20H14	017573-23-8	41
2	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	38
3	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	38
4	Phenanthro[3,4-c]furan-1,3-dione	248	C16H8O3	005723-54-6	35
5	6,6'-Biazulene,	254	C20H14	073393-11-0	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019935.D
Acq On : 29 Feb 2024 14:01
Operator : MA/JU
Sample : P1544-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ218

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.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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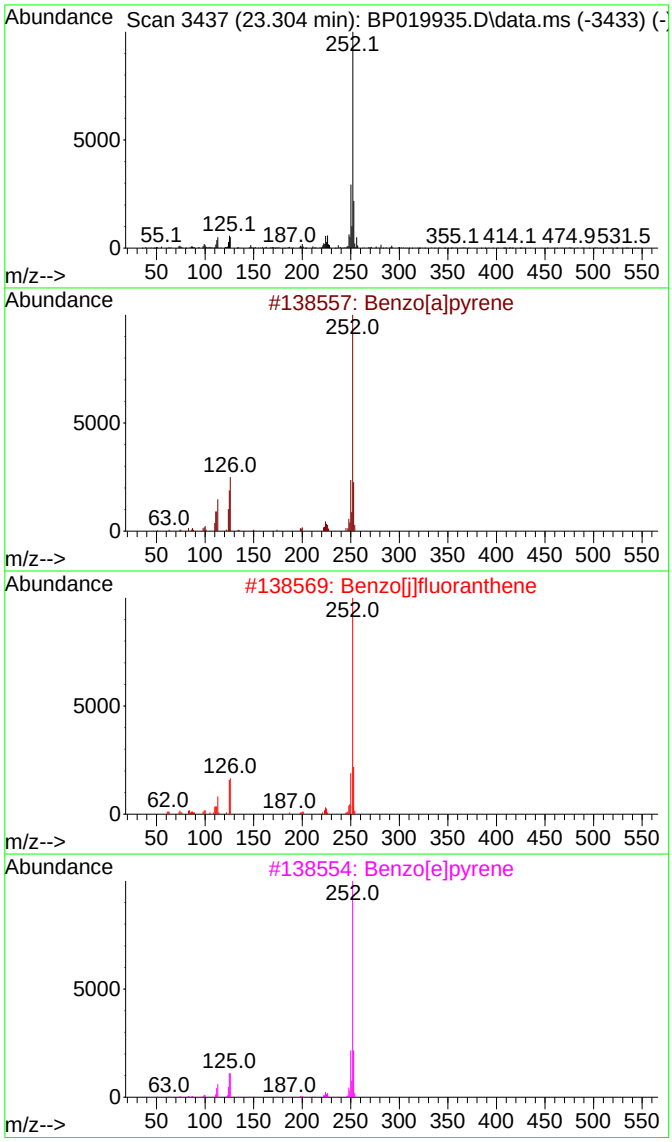
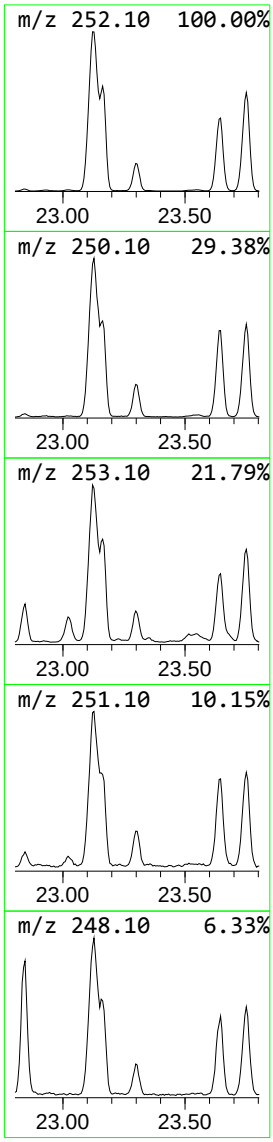
Peak Number 19 Benzo[j]fluoranthene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.304	13.54 ng	534508	Perylene-d12	23.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	93
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86
3	Benzo[e]pyrene	252	C20H12	000192-97-2	81
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019935.D
Acq On : 29 Feb 2024 14:01
Operator : MA/JU
Sample : P1544-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ218

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.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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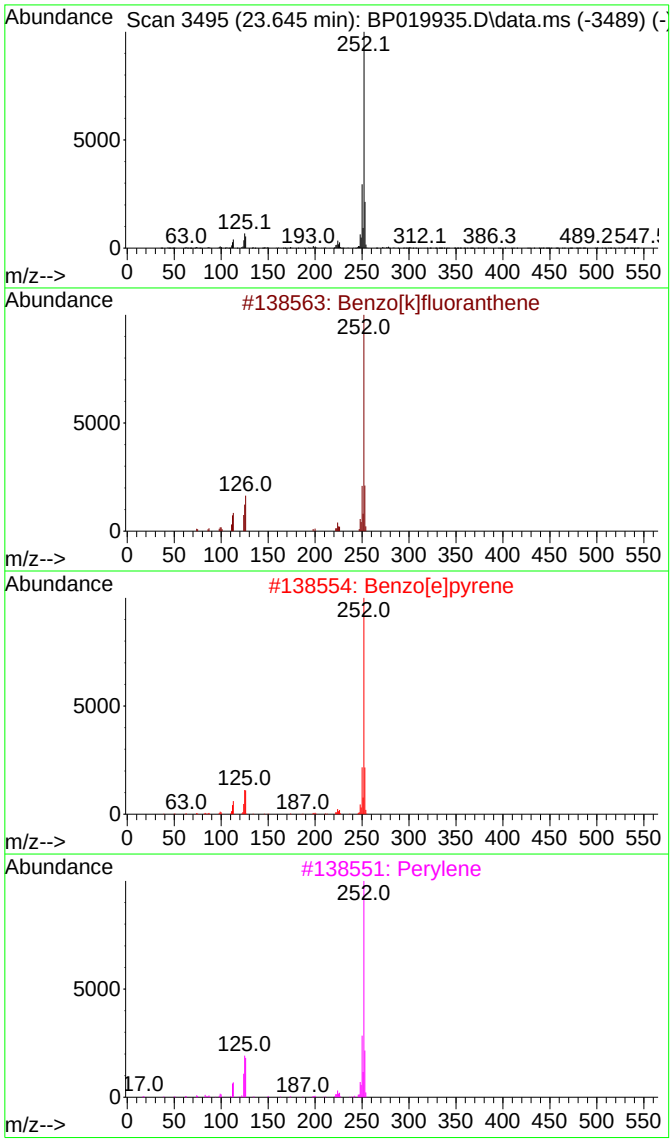
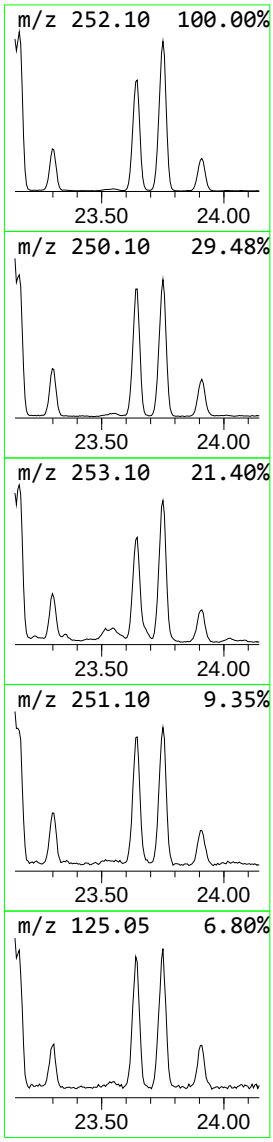
Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.645	55.29 ng	2182370	Perylene-d12	23.857

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	94
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019935.D
Acq On : 29 Feb 2024 14:01
Operator : MA/JU
Sample : P1544-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ218

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.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...	16.257	9.9	ng	582169	4	17.310	1175380	20.0
2-[2-Phenylethe...	16.840	11.1	ng	651428	4	17.310	1175380	20.0
4-(4-Methylphen...	17.034	16.7	ng	981912	4	17.310	1175380	20.0
Naphthalene, 1-...	17.834	13.2	ng	776970	4	17.310	1175380	20.0
n-Hexadecanoic ...	18.210	26.6	ng	1565540	4	17.310	1175380	20.0
Phenanthrene, 1...	18.304	17.0	ng	1000130	4	17.310	1175380	20.0
1a,9b-Dihydro-1...	18.363	36.6	ng	2152210	4	17.310	1175380	20.0
5,16[1',2']:8,1...	18.669	14.6	ng	859139	4	17.310	1175380	20.0
9,10-Anthracene...	18.722	7.7	ng	453674	4	17.310	1175380	20.0
Phenanthrene, 3...	18.904	13.4	ng	790536	4	17.310	1175380	20.0
di-p-Tolylacety...	18.951	13.9	ng	820026	4	17.310	1175380	20.0
Phenanthrene, 2...	18.992	14.6	ng	855151	4	17.310	1175380	20.0
Phenanthrene, 2...	19.069	35.8	ng	2101240	4	17.310	1175380	20.0
unknown19.134	19.134	27.4	ng	1611470	4	17.310	1175380	20.0
Naphthalene, 1,...	19.163	9.9	ng	580280	4	17.310	1175380	20.0
Cyclopenta(def)...	19.228	95.8	ng	5626850	4	17.310	1175380	20.0
Adipic acid, 2-...	20.639	16.2	ng	10532400	5	21.422	13012500	20.0
unknown22.833	22.833	33.5	ng	1322470	6	23.857	789494	20.0
Benzo[j]fluoran...	23.304	13.5	ng	534508	6	23.857	789494	20.0
Benzo[e]pyrene	23.645	55.3	ng	2182370	6	23.857	789494	20.0