LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025340.D
Acq On : 08 Aug 2025 20:06
Operator : CG/JU
Sample : Q2779-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025340.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.972	3	6	14	rVB	118978	234171	2.91%	0.274%
2	3.049	14	19	34	rVB	402822	612142	7.61%	0.718%
3	4.955	337	343	347	rBV	70877	100165	1.25%	0.117%
4	5.408	414	420	429	rBV	728329	1090587	13.56%	1.278%
5	6.966	675	685	695	rBV	659348	1066095	13.26%	1.250%
6	7.802	820	827	836	rVB	1204146	1866969	23.22%	2.188%
7	8.937	1008	1020	1026	rBV	451883	736401	9.16%	0.863%
8	10.572	1290	1298	1304	rBV	1428274	2454935	30.53%	2.878%
9	10.625	1304	1307	1313	rVB	94730	147684	1.84%	0.173%
10	12.231	1572	1580	1587	rBV	95322	156482	1.95%	0.183%
11	12.448	1611	1617	1626	rVB	117712	193795	2.41%	0.227%
12	13.031	1710	1716	1724	rBV	966201	1488573	18.51%	1.745%
13	13.572	1803	1808	1818	rBV	58989	164279	2.04%	0.193%
14	13.737	1829	1836	1841	rBV	141725	233904	2.91%	0.274%
15	13.790	1841	1845	1852	rVB	83251	111887	1.39%	0.131%
16	13.978	1873	1877	1880	rBV	67014	87647	1.09%	0.103%
17	14.142	1897	1905	1910	rBV	178927	340210	4.23%	0.399%
18	14.419	1944	1952	1958	rBV	1772209	2770393	34.45%	3.247%
19	14.484	1958	1963	1970	rVB	368678	571231	7.10%	0.670%
20	14.819	2015	2020	2030	rVB2	242326	387187	4.81%	0.454%
21	14.907	2030	2035	2041	rBV2	60352	93903	1.17%	0.110%
22	15.048	2055	2059	2064	rVB	58202	92043	1.14%	0.108%
23	15.101	2064	2068	2073	rVB2	60531	84914	1.06%	0.100%
24	15.231	2082	2090	2091	rBV2	44681	88574	1.10%	0.104%
25	15.484	2127	2133	2138	rVB	412923	668115	8.31%	0.783%
26	15.613	2152	2155	2158	rVV	83843	108072	1.34%	0.127%
27	15.654	2158	2162	2166	rVB2	78629	108295	1.35%	0.127%
28	15.784	2179	2184	2195	rVB2	166307	373345	4.64%	0.438%
29	15.931	2203	2209	2218	rBV2	658994	1150365	14.31%	1.348%
30	16.025	2218	2225	2232	rVB3	41461	88252	1.10%	0.103%
31	16.513	2300	2308	2312	rVB3	102989	209031	2.60%	0.245%
32	16.560	2312	2316	2321	rVB2	71165	99302	1.23%	0.116%
33	16.666	2330	2334	2338	rVB2	70898	116444	1.45%	0.136%
34	16.742	2339	2347	2350	rBV3	84458	176883	2.20%	0.207%
35	16.783	2350	2354	2357	rVB2	78084	113919	1.42%	0.134%
36	16.860	2362	2367	2376	rVB2	97947	199172	2.48%	0.233%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
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Acq On : 08 Aug 2025 20:06
Operator : CG/JU
Sample : Q2779-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.948	2377	2382	2388	rBV2	103010	244971	3.05%	0.287%
38	17.031	2392	2396	2400	rVB	154573	217619	2.71%	0.255%
39	17.219	2421	2428	2431	rBV	1970554	2838357	35.30%	3.327%
40	17.260	2431	2435	2441	rVV	3551372	5310309	66.04%	6.224%
41	17.354	2443	2451	2457	rVV	1200841	1692222	21.04%	1.984%
42	17.413	2457	2461	2467	rVB3	99465	170153	2.12%	0.199%
43	17.625	2488	2497	2503	rBV2	245214	529744	6.59%	0.621%
44	17.760	2516	2520	2526	rBV3	99730	145244	1.81%	0.170%
45	17.813	2526	2529	2536	rVB2	81290	104148	1.30%	0.122%
46	17.960	2552	2554	2561	rVB3	46623	85869	1.07%	0.101%
47	18.125	2577	2582	2586	rBV	493139	760432	9.46%	0.891%
48	18.172	2586	2590	2597	rVB	782159	1338137	16.64%	1.568%
49	18.260	2599	2605	2610	rBV	374870	548147	6.82%	0.643%
50	18.325	2610	2616	2620	rBV3	840024	1628275	20.25%	1.909%
51	18.360	2620	2622	2631	rVB	403364	501479	6.24%	0.588%
52	18.477	2639	2642	2646	rVB2	64749	81677	1.02%	0.096%
53	18.648	2666	2671	2674	rBV	398280	538378	6.69%	0.631%
54	18.677	2674	2676	2681	rVB	197589	237758	2.96%	0.279%
55	18.895	2710	2713	2718	rVB	161927	219029	2.72%	0.257%
56	18.948	2719	2722	2726	rBV	111743	156154	1.94%	0.183%
57	18.995	2726	2730	2733	rVB	100770	134805	1.68%	0.158%
58	19.083	2740	2745	2750	rVB	273733	460530	5.73%	0.540%
59	19.148	2750	2756	2759	rBV2	221628	406716	5.06%	0.477%
60	19.219	2764	2768	2777	rVB3	236606	482569	6.00%	0.566%
61	19.348	2784	2790	2796	rBV	4579729	6851581	85.20%	8.031%
62	19.419	2798	2802	2805	rBV	192924	274879	3.42%	0.322%
63	19.454	2806	2808	2812	rVB3	104222	111588	1.39%	0.131%
64	19.495	2813	2815	2819	rBV2	91873	128061	1.59%	0.150%
65	19.601	2830	2833	2838	rVB2	153529	224724	2.79%	0.263%
66	19.719	2849	2853	2863	rVB	4404834	6616889	82.28%	7.756%
67	19.807	2864	2868	2876	rVB2	251846	472439	5.87%	0.554%
68	19.913	2882	2886	2887	rBV	329802	378373	4.71%	0.444%
69	19.936	2887	2890	2894	rVB	1134592	1462528	18.19%	1.714%
70	20.060	2906	2911	2912	rBV	289073	388077	4.83%	0.455%
71	20.236	2938	2941	2947	rVB	1010996	1364644	16.97%	1.600%
72	20.348	2955	2960	2964	rBV2	659118	880107	10.94%	1.032%
73	20.407	2964	2970	2974	rBV3	532655	926734	11.52%	1.086%
74	20.554	2991	2995	2999	rBV	369188	487966	6.07%	0.572%
75	20.595	2999	3002	3007	rVB	339963	450923	5.61%	0.529%
76	21.030	3073	3076	3085	rVB	364348	650489	8.09%	0.762%

LSC Area Percent Report

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Acq On : 08 Aug 2025 20:06
Operator : CG/JU
Sample : Q2779-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.283	3115	3119	3122	rBV	346525	466197	5.80%	0.546%
78	21.377	3132	3135	3145	rVB2	438030	686957	8.54%	0.805%
79	21.607	3171	3174	3176	rBV2	235001	315245	3.92%	0.370%
80	21.660	3176	3183	3189	rVV2	3040573	8041646	100.00%	9.426%
81	21.724	3190	3194	3203	rVB	2035683	3251813	40.44%	3.812%
82	22.518	3326	3329	3335	rVB2	375116	583859	7.26%	0.684%
83	23.977	3570	3577	3586	rBV	1093842	4157659	51.70%	4.873%
84	24.736	3699	3706	3721	rVB	706635	2039872	25.37%	2.391%
85	24.901	3725	3734	3745	rVB	1062347	3364231	41.84%	3.943%
86	25.071	3755	3763	3770	rBV	1397506	3318465	41.27%	3.890%

Sum of corrected areas: 85314034

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
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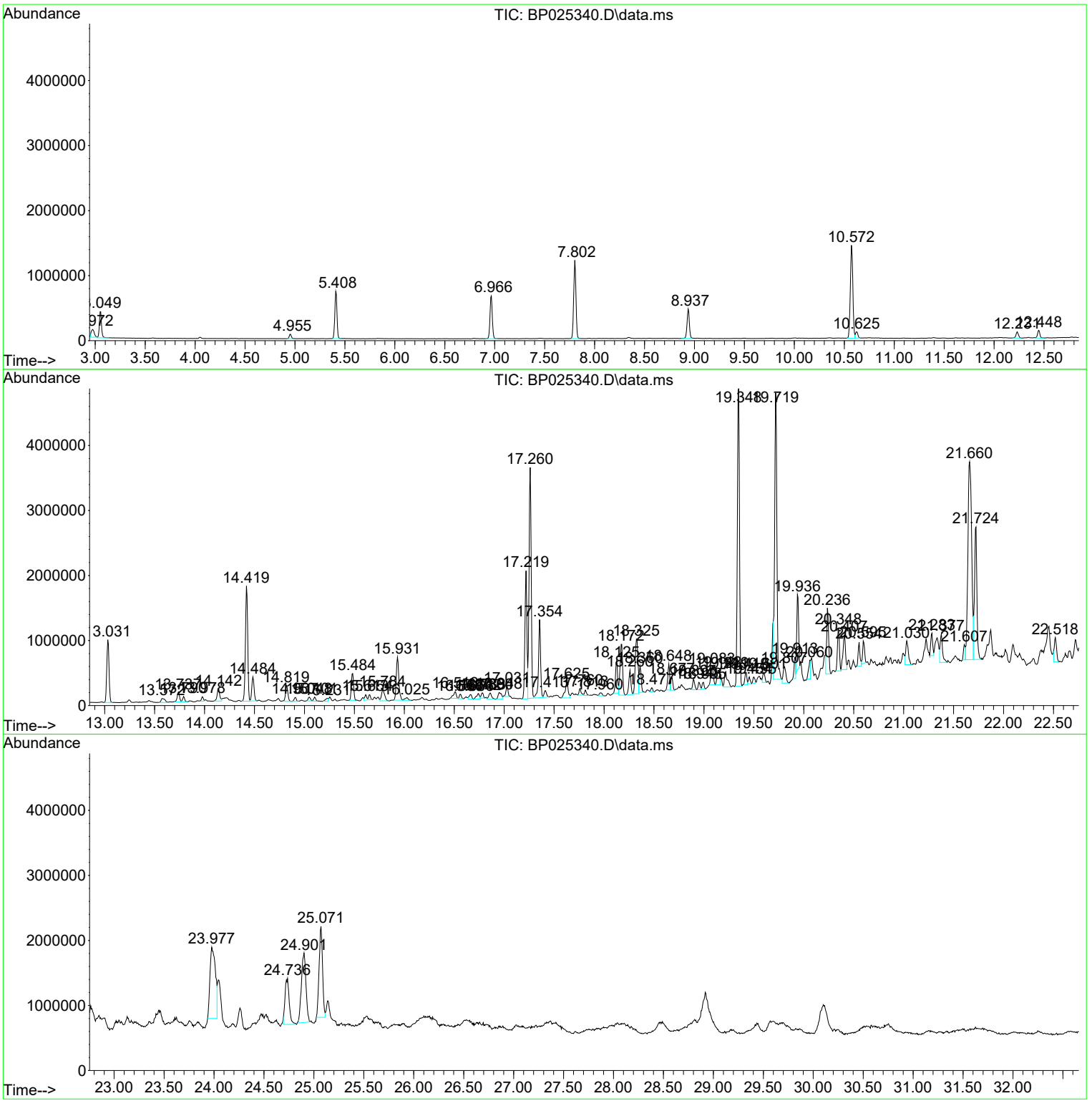
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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\BP080825\
Data File : BP025340.D
Acq On : 08 Aug 2025 20:06
Operator : CG/JU
Sample : Q2779-05 5X
Misc :
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Instrument :
BNA_P
ClientSampleId :
TP-5

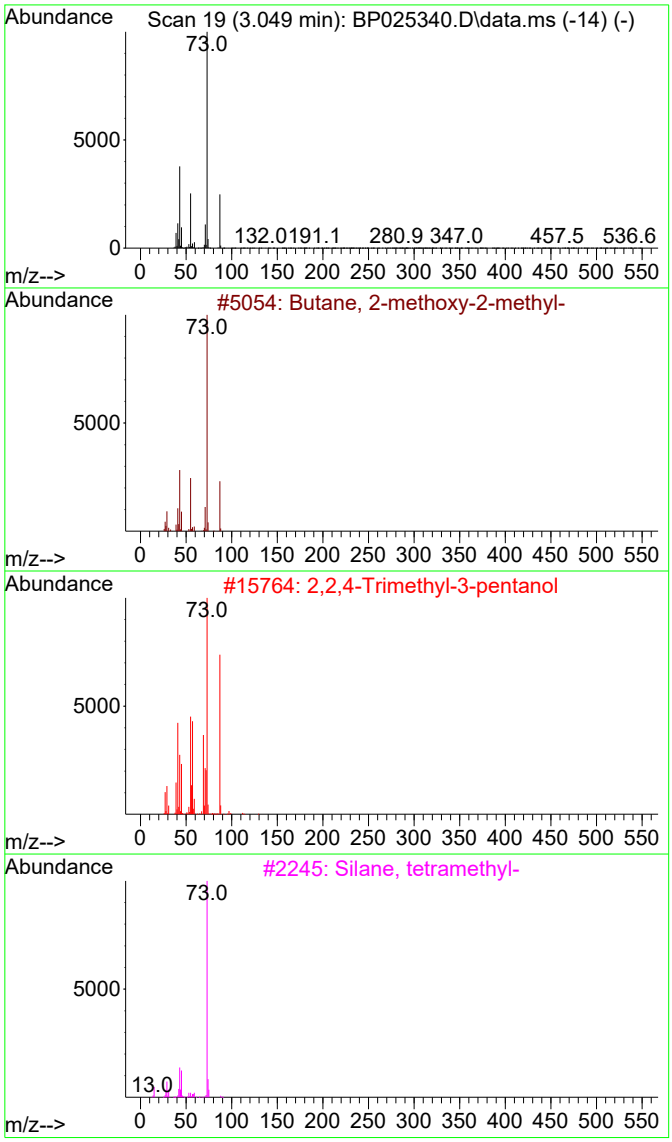
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

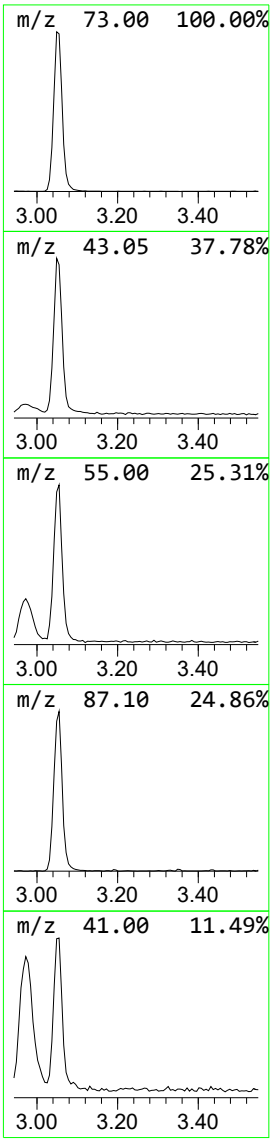
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.049	6.56 ng	612142	1,4-Dichlorobenzene-d4	7.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025340.D
Acq On : 08 Aug 2025 20:06
Operator : CG/JU
Sample : Q2779-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

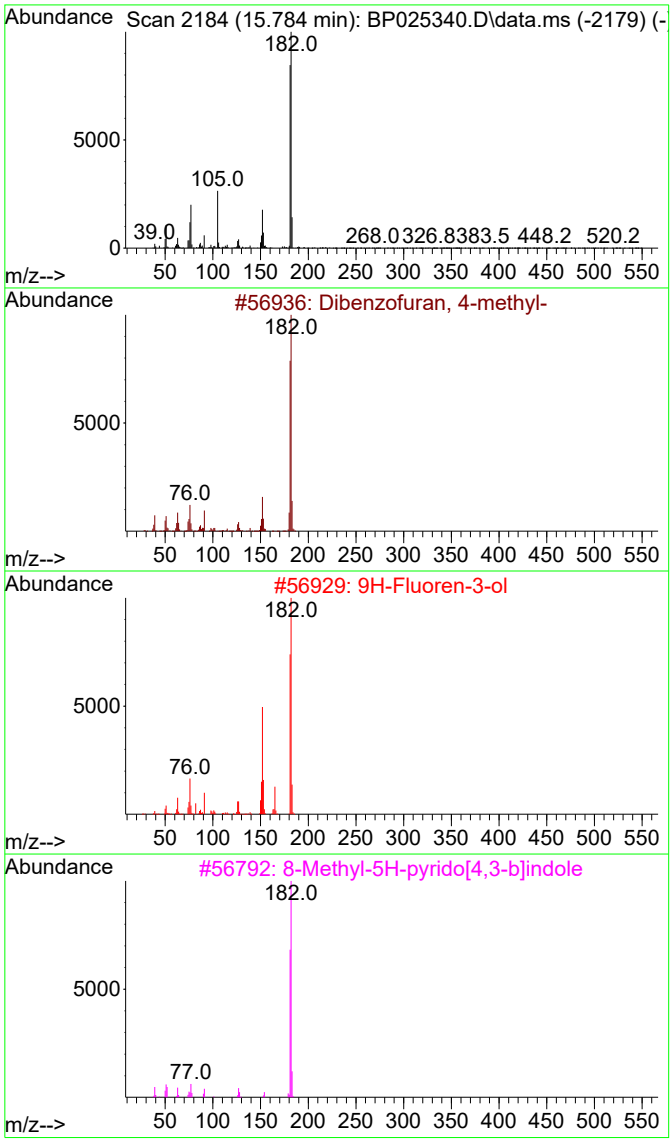
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

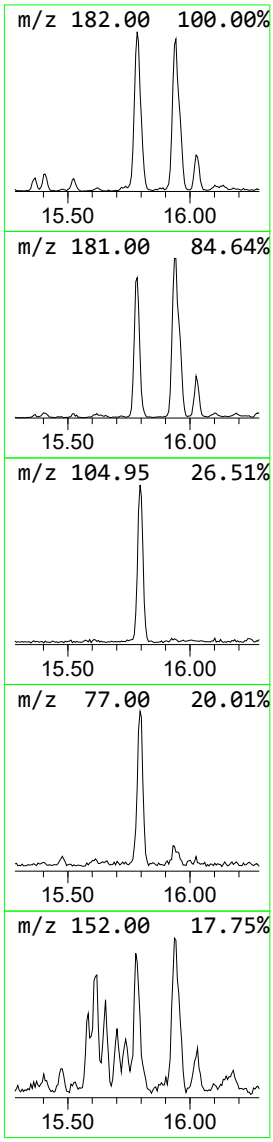
****

Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.784	2.70 ng	373345	Acenaphthene-d10	14.419

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	74
3	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	64
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025340.D
Acq On : 08 Aug 2025 20:06
Operator : CG/JU
Sample : Q2779-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

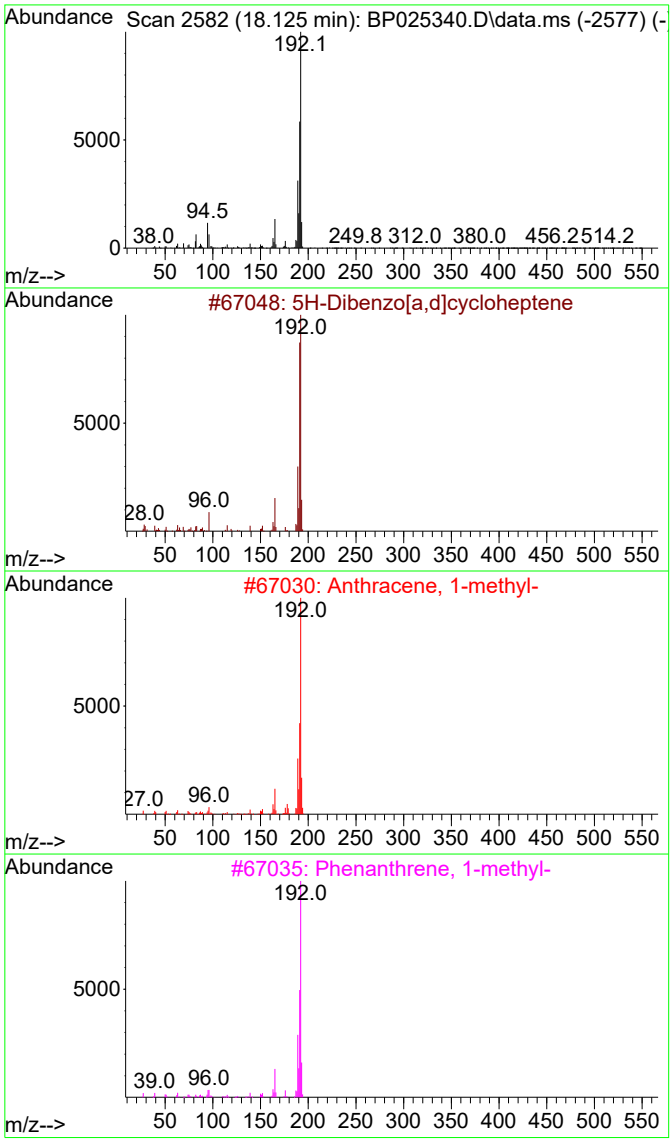
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

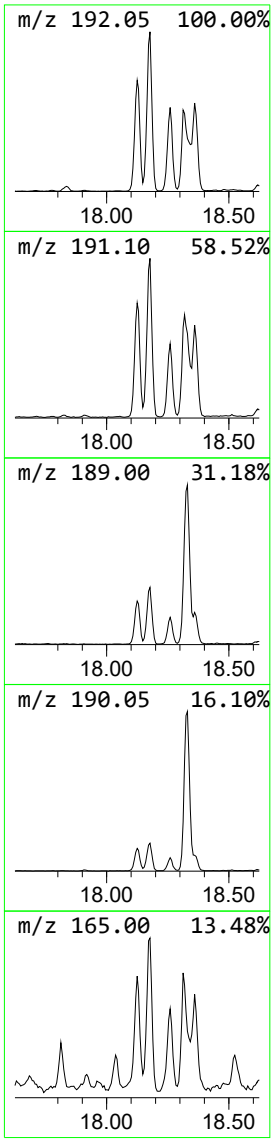
****

Peak Number 5 5H-Dibenzo[a,d]cycloheptene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.125	5.36 ng	760432	Phenanthrene-d10	17.219

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025340.D
Acq On : 08 Aug 2025 20:06
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Misc :
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Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

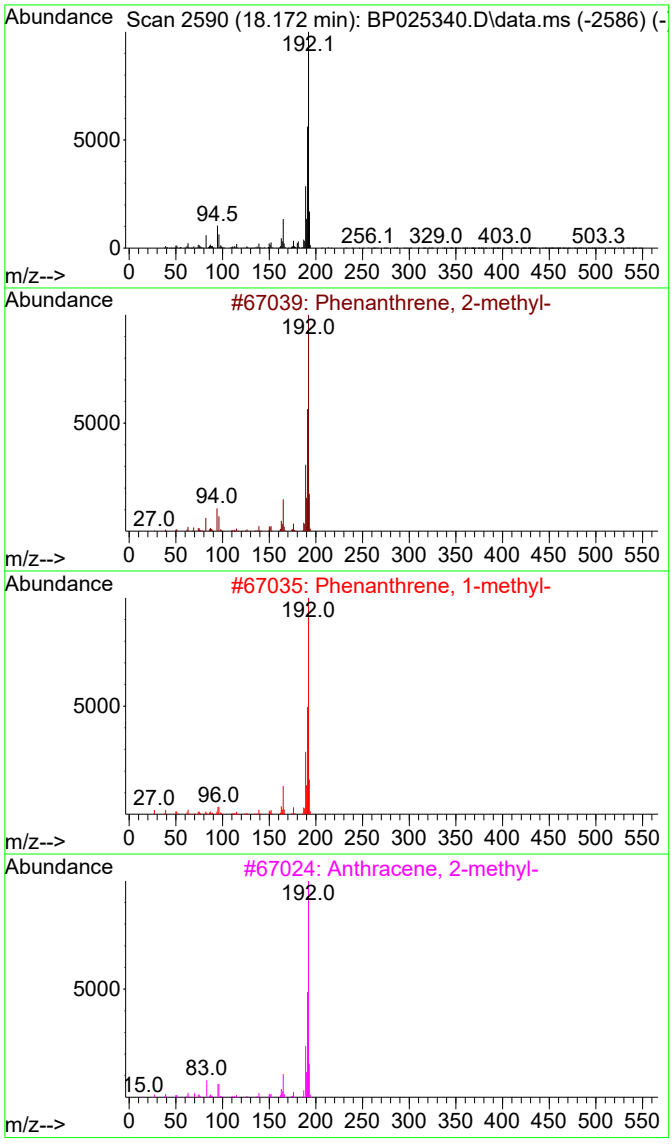
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

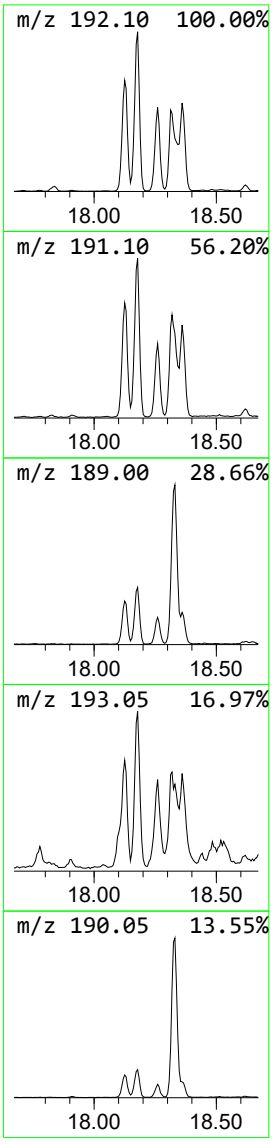
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.172	9.43 ng	1338140	Phenanthrene-d10	17.219

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025340.D
Acq On : 08 Aug 2025 20:06
Operator : CG/JU
Sample : Q2779-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

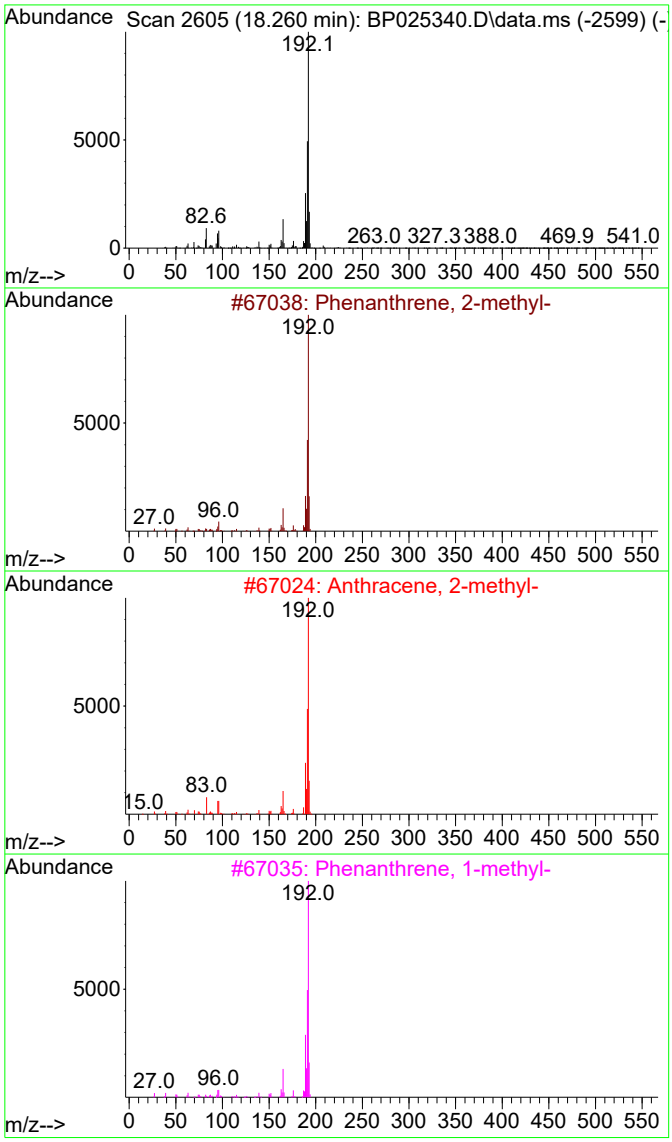
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

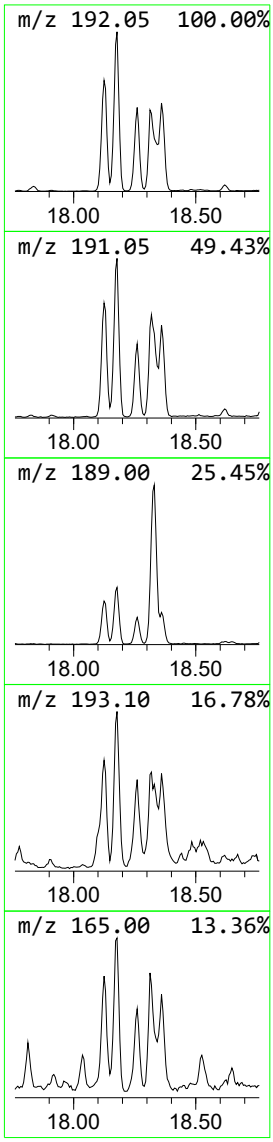
****

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.260	3.86 ng	548147	Phenanthrene-d10	17.219

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025340.D
Acq On : 08 Aug 2025 20:06
Operator : CG/JU
Sample : Q2779-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5

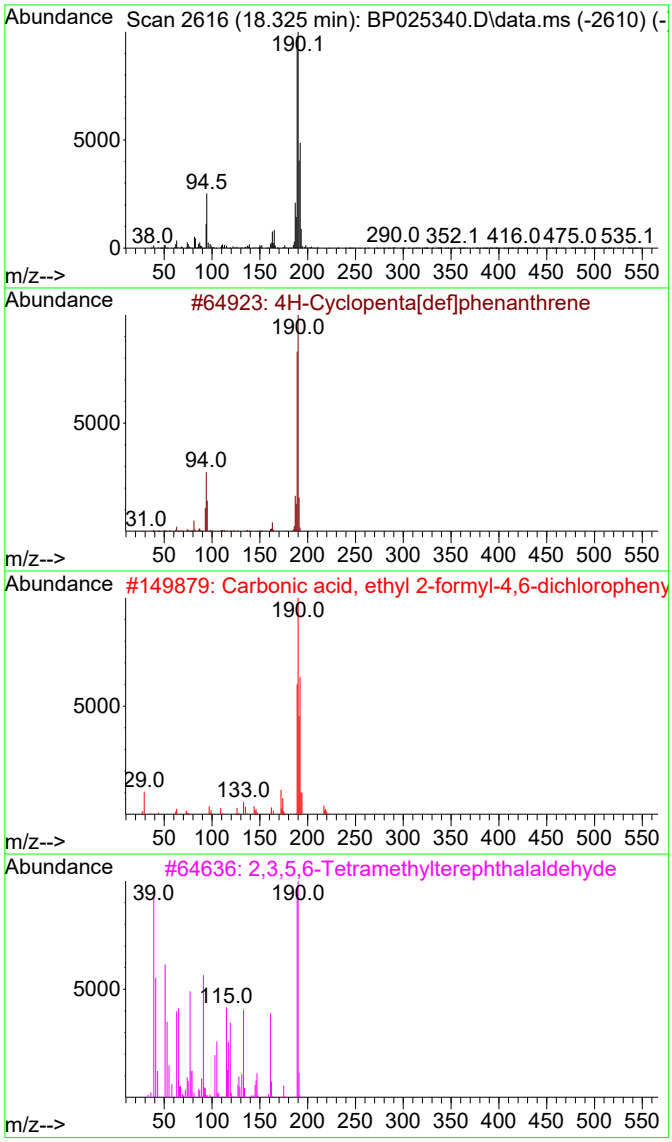
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

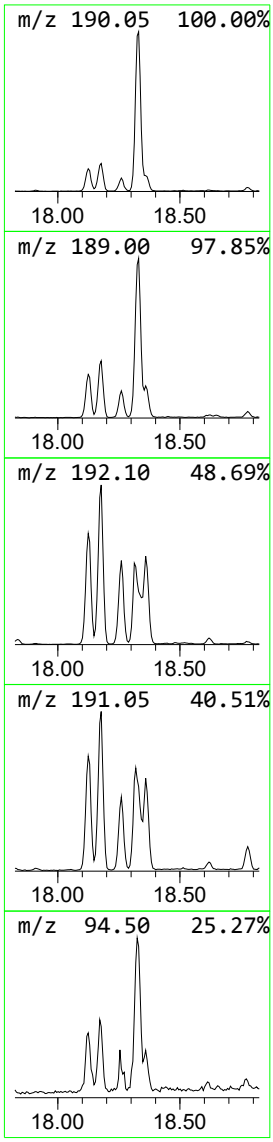
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.325	11.47 ng	1628280	Phenanthrene-d10	17.219

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37





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Data File : BP025340.D
Acq On : 08 Aug 2025 20:06
Operator : CG/JU
Sample : Q2779-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5

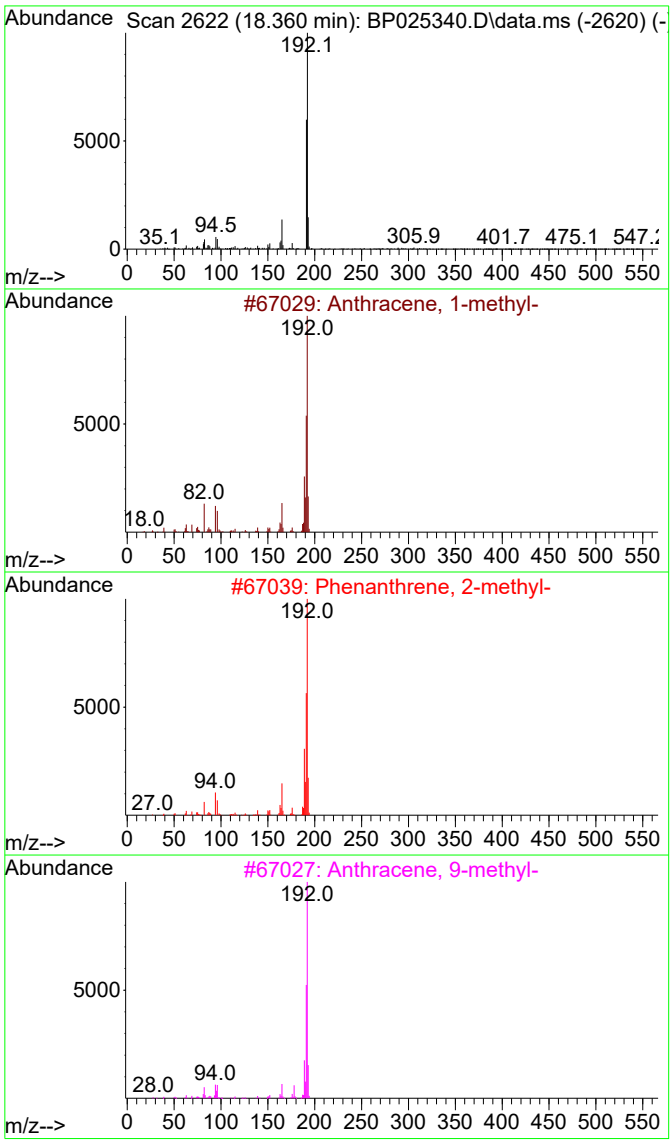
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

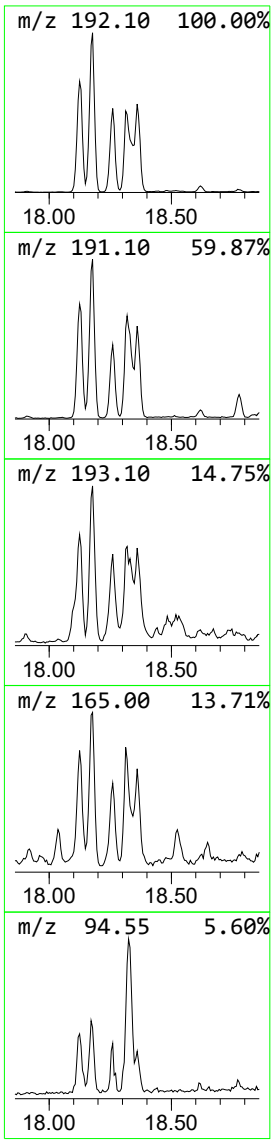
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.360	3.53 ng	501479	Phenanthrene-d10	17.219

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90





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Acq On : 08 Aug 2025 20:06
Operator : CG/JU
Sample : Q2779-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

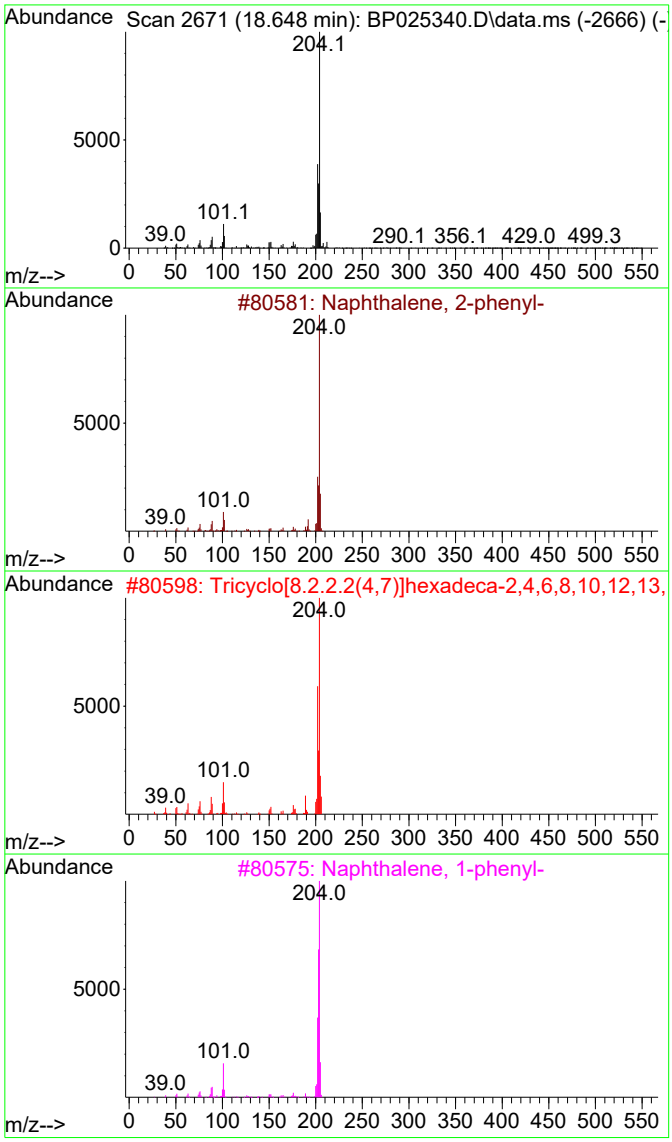
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

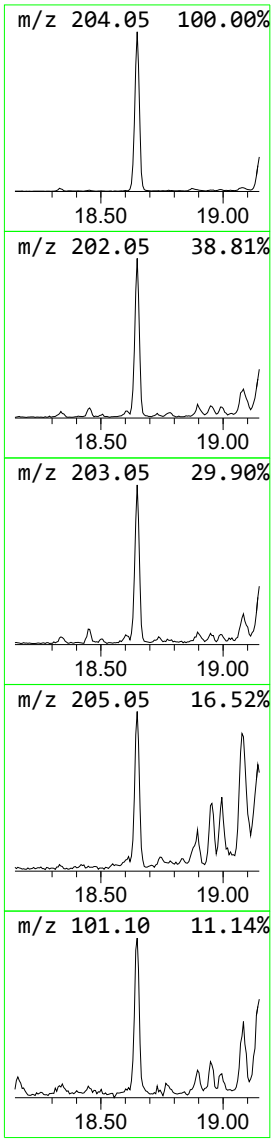
****

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.648	3.79 ng	538378	Phenanthrene-d10	17.219

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	52
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47





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Operator : CG/JU
Sample : Q2779-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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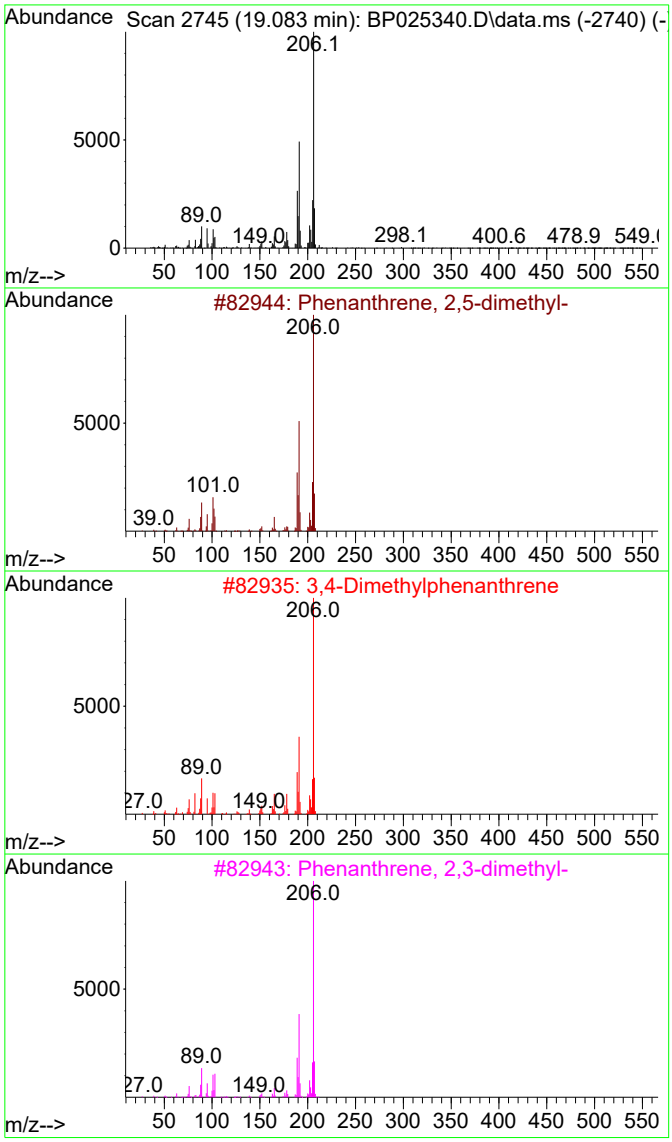
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

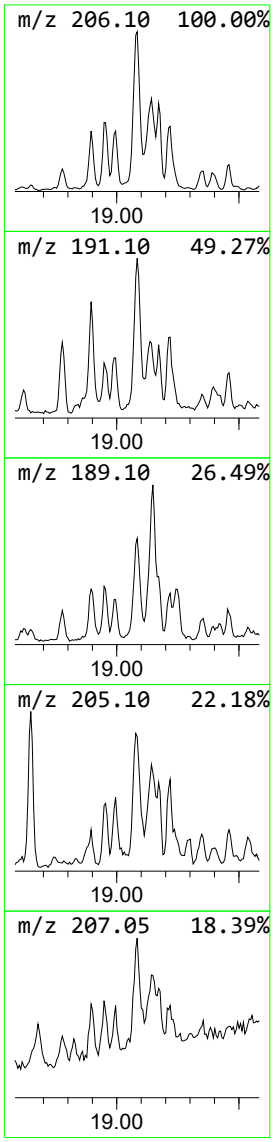
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.083	3.25 ng	460530	Phenanthrene-d10	17.219

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





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Acq On : 08 Aug 2025 20:06
Operator : CG/JU
Sample : Q2779-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5

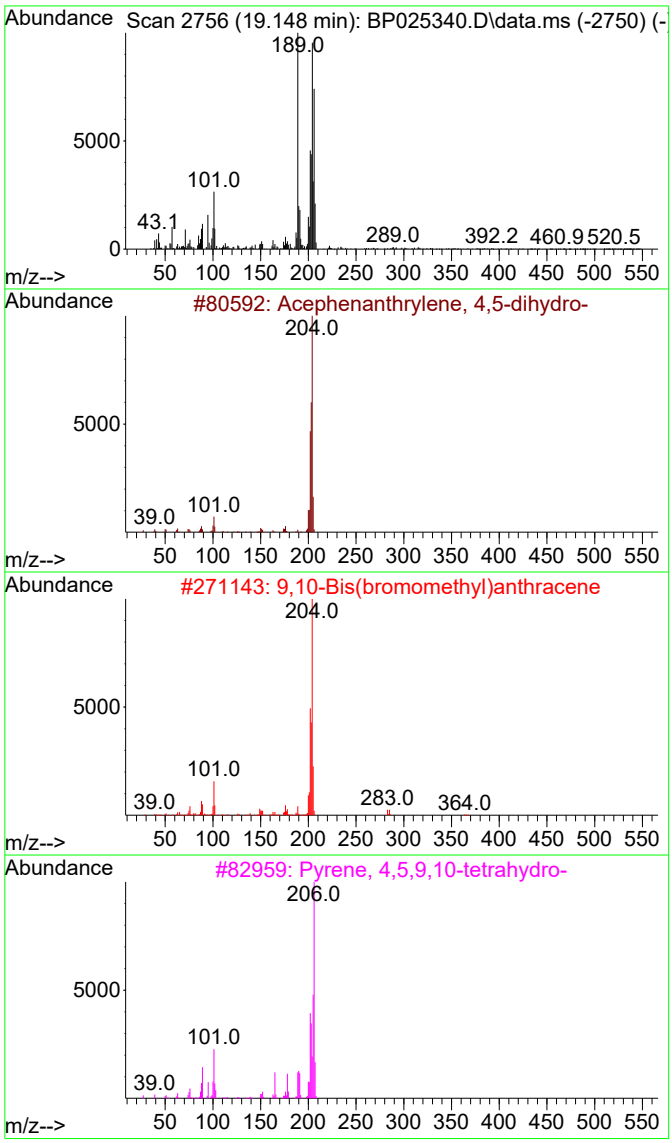
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

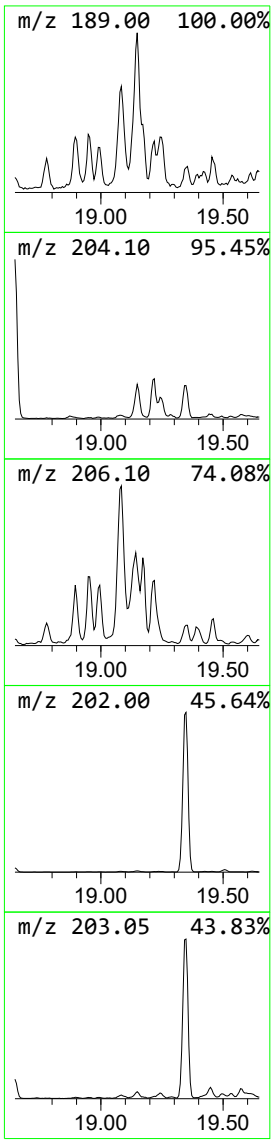
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Acephenanthrylene, 4,5-dihy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.148	2.87 ng	406716	Phenanthrene-d10	17.219

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	55
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	38
5	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	38





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Acq On : 08 Aug 2025 20:06
Operator : CG/JU
Sample : Q2779-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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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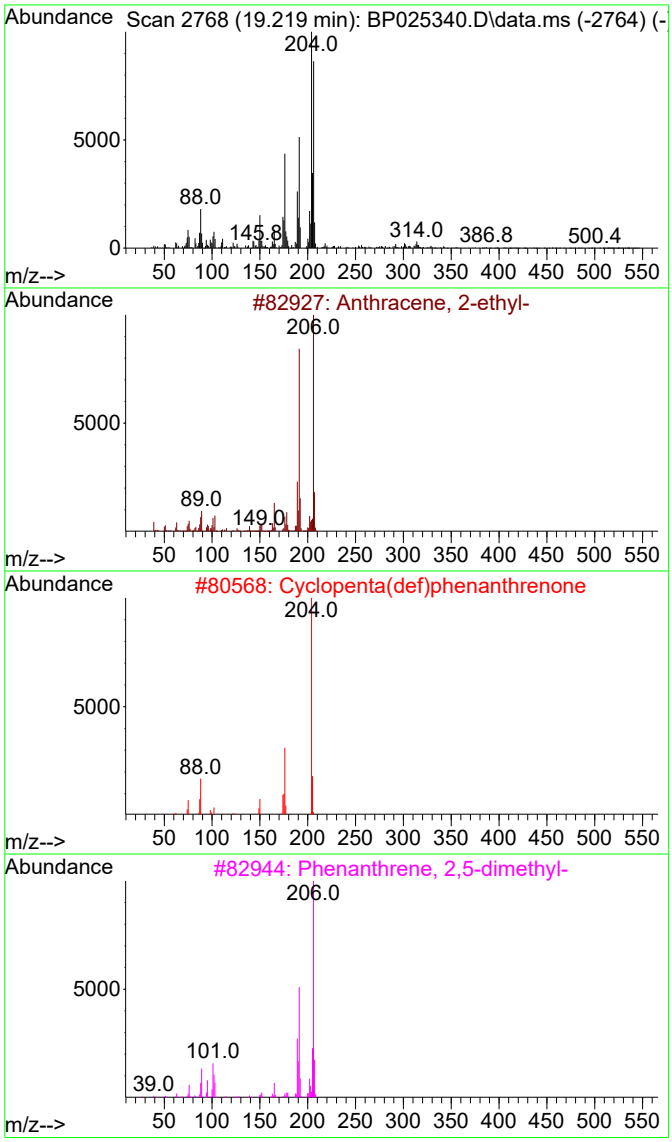
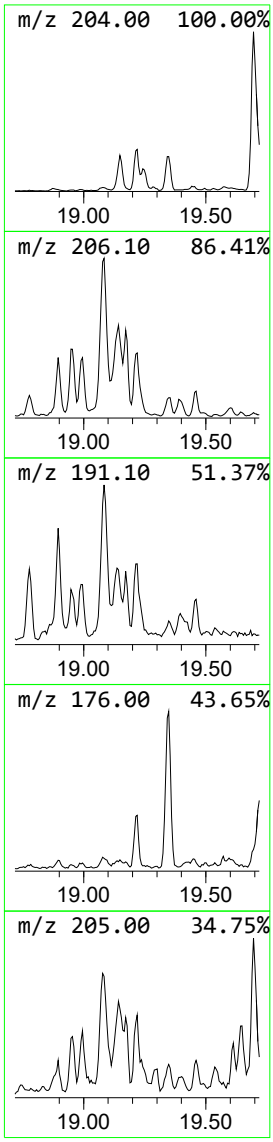
Peak Number 13 Anthracene, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.219	3.40 ng	482569	Phenanthrene-d10	17.219

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	86
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	70
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	55
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	55





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Acq On : 08 Aug 2025 20:06
Operator : CG/JU
Sample : Q2779-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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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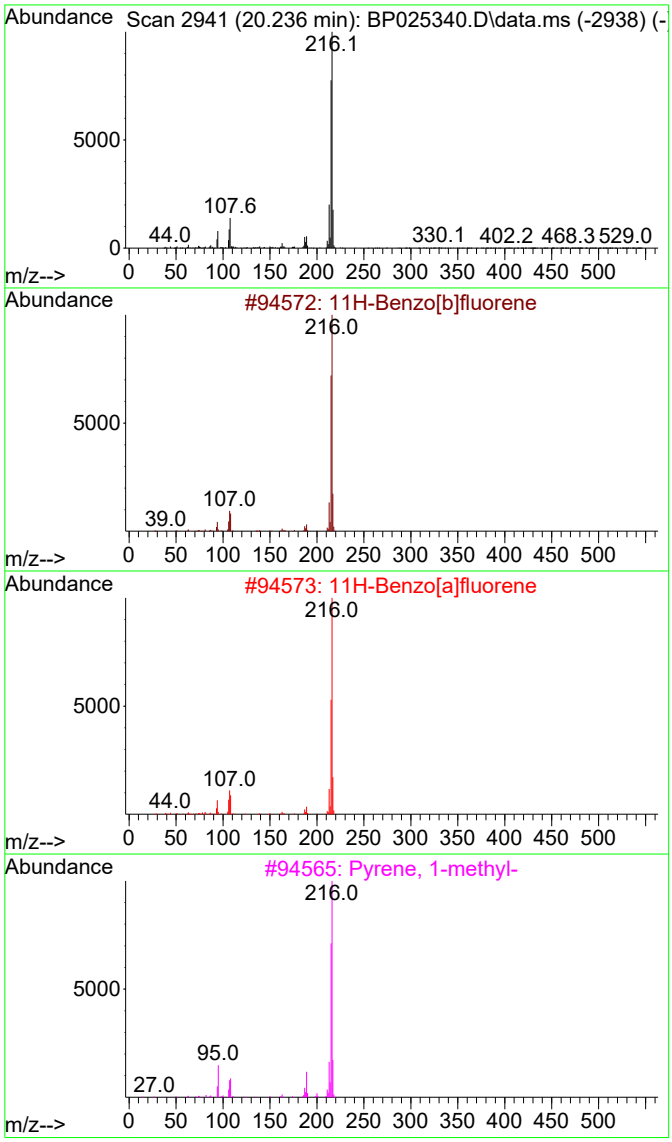
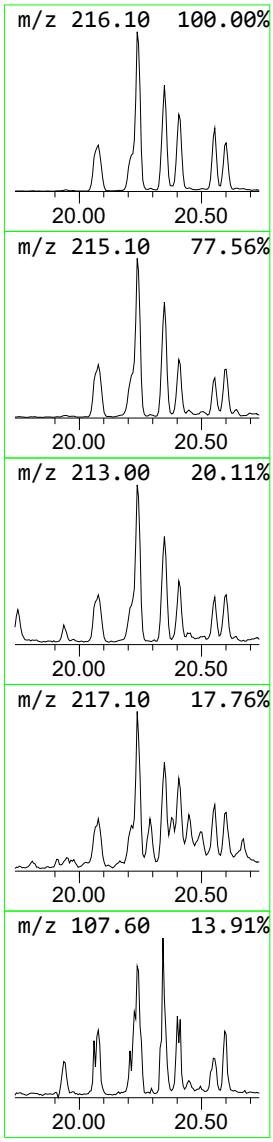
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.236	3.39 ng	1364640	Chrysene-d12	21.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





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Data File : BP025340.D
Acq On : 08 Aug 2025 20:06
Operator : CG/JU
Sample : Q2779-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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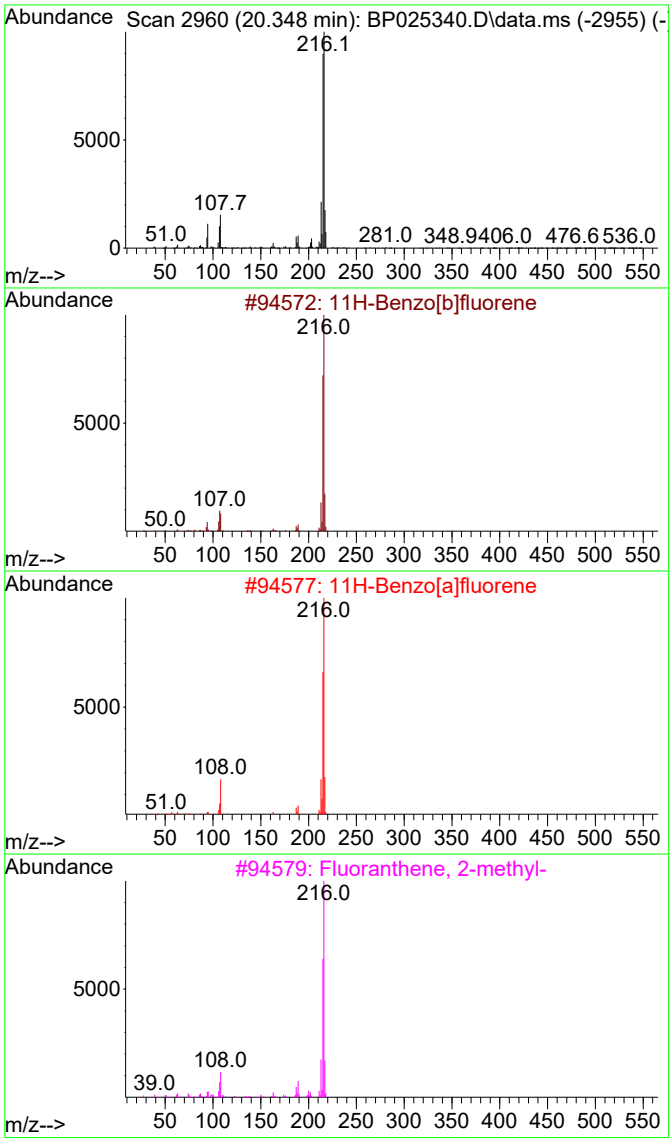
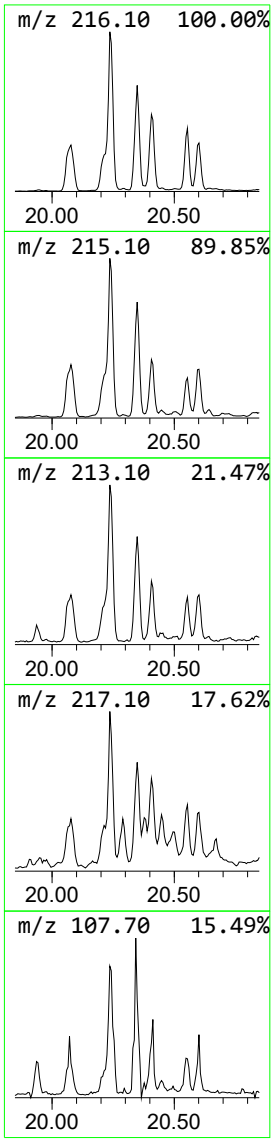
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.348	2.19 ng	880107	Chrysene-d12	21.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	58





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Operator : CG/JU
Sample : Q2779-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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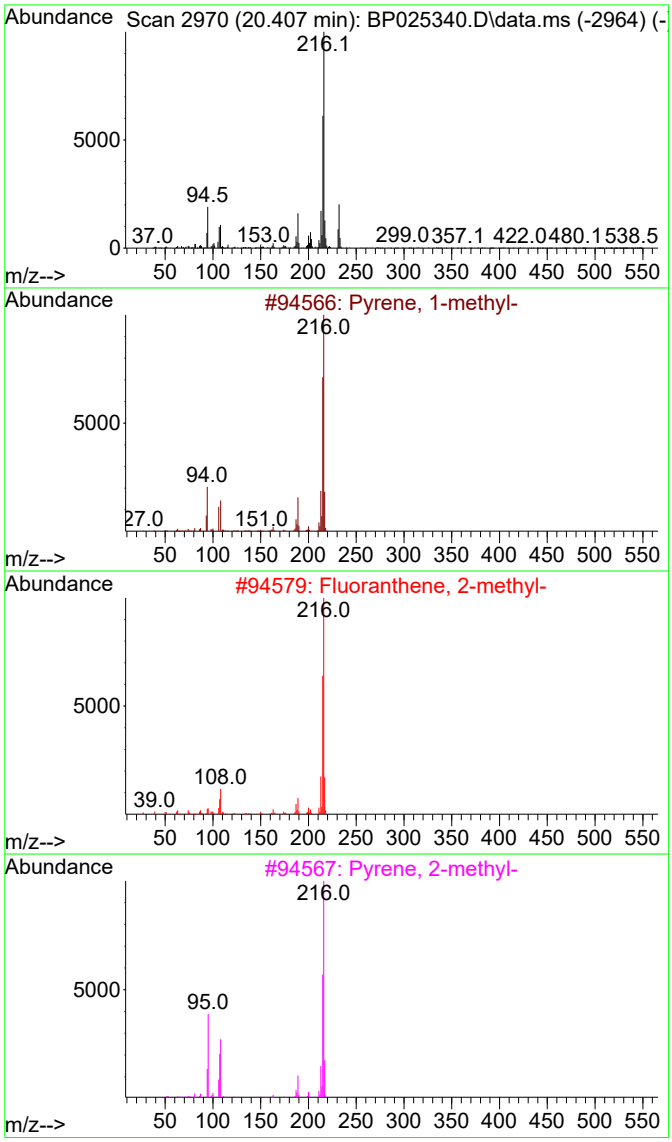
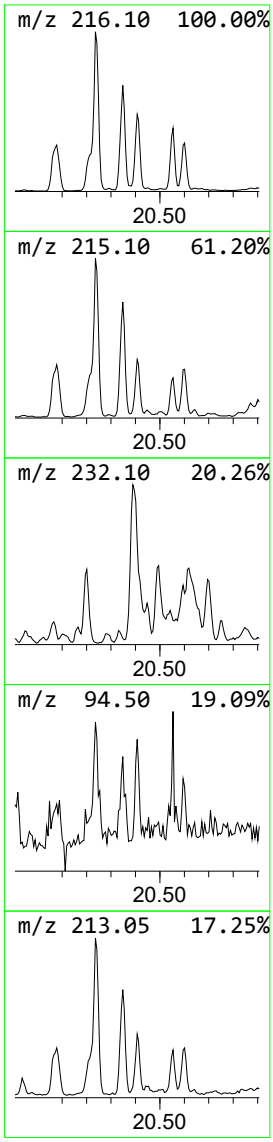
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.407	2.30 ng	926734	Chrysene-d12	21.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	70
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	62





Tentatively Identified Compound (LSC) summary

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Data File : BP025340.D
Acq On : 08 Aug 2025 20:06
Operator : CG/JU
Sample : Q2779-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.049	6.6	ng	612142	1	7.802	1866970	20.0
Dibenzofuran, 4...	15.784	2.7	ng	373345	3	14.419	2770390	20.0
5H-Dibenzo[a,d]...	18.125	5.4	ng	760432	4	17.219	2838360	20.0
Phenanthrene, 2...	18.172	9.4	ng	1338140	4	17.219	2838360	20.0
Anthracene, 2-m...	18.260	3.9	ng	548147	4	17.219	2838360	20.0
4H-Cyclopenta[d...	18.325	11.5	ng	1628280	4	17.219	2838360	20.0
Anthracene, 1-m...	18.360	3.5	ng	501479	4	17.219	2838360	20.0
Naphthalene, 2-...	18.648	3.8	ng	538378	4	17.219	2838360	20.0
Phenanthrene, 2...	19.083	3.3	ng	460530	4	17.219	2838360	20.0
Acephenanthryle...	19.148	2.9	ng	406716	4	17.219	2838360	20.0
Anthracene, 2-e...	19.219	3.4	ng	482569	4	17.219	2838360	20.0
11H-Benzo[b]flu...	20.236	3.4	ng	1364640	5	21.672	8041650	20.0
11H-Benzo[a]flu...	20.348	2.2	ng	880107	5	21.672	8041650	20.0
Pyrene, 1-methyl-	20.407	2.3	ng	926734	5	21.672	8041650	20.0