LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
Data File : BP024128.D
Acq On : 27 Feb 2025 20:38
Operator : RC/JU
Sample : Q1440-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-02-022625

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-BP021725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024128.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.375	383	389	396	rBV	2031946	2995841	36.01%	3.410%
2	5.440	396	400	408	rVB	52013	99031	1.19%	0.113%
3	6.940	647	655	671	rBV	1912378	3098252	37.24%	3.526%
4	7.758	786	794	802	rBV	1580808	2464668	29.63%	2.805%
5	8.905	983	989	999	rVB	1183227	1845310	22.18%	2.100%
6	9.463	1080	1084	1090	rVB2	53488	85314	1.03%	0.097%
7	10.534	1257	1266	1272	rBV	1959777	3353105	40.31%	3.816%
8	10.587	1272	1275	1281	rVB	99775	154555	1.86%	0.176%
9	12.198	1540	1549	1560	rBV2	125237	277131	3.33%	0.315%
10	12.416	1579	1586	1590	rBV	113149	176032	2.12%	0.200%
11	13.004	1678	1686	1697	rBV	3000804	4325511	52.00%	4.923%
12	13.216	1717	1722	1727	rVB	74196	111284	1.34%	0.127%
13	13.710	1800	1806	1811	rBV	99884	172458	2.07%	0.196%
14	13.763	1811	1815	1821	rVB	64399	96314	1.16%	0.110%
15	13.840	1821	1828	1832	rBV2	54706	109355	1.31%	0.124%
16	13.945	1838	1846	1849	rBV2	49366	84442	1.02%	0.096%
17	14.110	1869	1874	1883	rBV	273426	465244	5.59%	0.530%
18	14.298	1902	1906	1912	rVB	81528	94393	1.13%	0.107%
19	14.392	1913	1922	1928	rVV	2857132	4198738	50.47%	4.779%
20	14.457	1928	1933	1941	rVB	204165	338068	4.06%	0.385%
21	14.798	1986	1991	1999	rVB	160092	261093	3.14%	0.297%
22	15.016	2021	2028	2033	rBV5	52165	137619	1.65%	0.157%
23	15.269	2067	2071	2077	rBV2	99636	147028	1.77%	0.167%
24	15.457	2097	2103	2116	rVB	346918	592754	7.13%	0.675%
25	15.675	2135	2140	2148	rBV4	73895	165358	1.99%	0.188%
26	15.769	2150	2156	2163	rVB2	273409	486141	5.84%	0.553%
27	15.904	2172	2179	2187	rBV	2238146	3325592	39.98%	3.785%
28	16.145	2216	2220	2229	rVB3	123917	269122	3.24%	0.306%
29	16.534	2282	2286	2290	rBV2	73466	111371	1.34%	0.127%
30	16.839	2335	2338	2343	rVB3	52514	87031	1.05%	0.099%
31	16.957	2355	2358	2362	rVV2	88879	105362	1.27%	0.120%
32	17.004	2362	2366	2377	rVB2	224941	436696	5.25%	0.497%
33	17.192	2392	2398	2402	rBV	3285287	4782056	57.48%	5.443%
34	17.233	2402	2405	2411	rVB	2418199	3363573	40.43%	3.828%
35	17.328	2417	2421	2427	rVB	708756	1042441	12.53%	1.186%
36	17.386	2429	2431	2436	rVB3	62202	102743	1.24%	0.117%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
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Acq On : 27 Feb 2025 20:38
Operator : RC/JU
Sample : Q1440-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-022625

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-BP021725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.610	2465	2469	2474	rVB	242800	355461	4.27%	0.405%
38	17.798	2497	2501	2505	rBV	152427	247277	2.97%	0.281%
39	18.104	2549	2553	2555	rBV	411202	533219	6.41%	0.607%
40	18.139	2555	2559	2566	rVV2	2228585	3175644	38.17%	3.614%
41	18.298	2581	2586	2590	rBV2	608772	1000938	12.03%	1.139%
42	18.616	2637	2640	2644	rBV	242274	344009	4.14%	0.392%
43	18.816	2669	2674	2675	rBV3	148222	270208	3.25%	0.308%
44	19.057	2711	2715	2720	rBV	289144	470223	5.65%	0.535%
45	19.257	2747	2749	2752	rVB3	176544	132144	1.59%	0.150%
46	19.322	2755	2760	2766	rBV	3909901	5480706	65.88%	6.238%
47	19.398	2769	2773	2775	rBV3	213707	278360	3.35%	0.317%
48	19.463	2778	2784	2793	rBV2	1669350	3080706	37.03%	3.506%
49	19.704	2816	2825	2829	rBV	3524600	5760852	69.25%	6.557%
50	19.922	2857	2862	2866	rVB	4965139	5989201	71.99%	6.817%
51	20.169	2900	2904	2905	rBV3	301255	414900	4.99%	0.472%
52	20.216	2909	2912	2917	rVB2	700954	986255	11.86%	1.123%
53	20.327	2927	2931	2935	rVB	737073	858381	10.32%	0.977%
54	20.886	3024	3026	3029	rBV4	498109	497093	5.98%	0.566%
55	20.969	3038	3040	3042	rBV2	331018	341747	4.11%	0.389%
56	21.204	3078	3080	3084	rBV	453916	506081	6.08%	0.576%
57	21.651	3149	3156	3161	rBV3	3818249	8319043	100.00%	9.468%
58	21.698	3161	3164	3171	rVB	1180383	1777915	21.37%	2.024%
59	23.957	3546	3548	3550	rBV2	640194	691884	8.32%	0.787%
60	25.051	3731	3734	3744	rVB2	2582644	6388512	76.79%	7.271%

Sum of corrected areas: 87861785

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
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Acq On : 27 Feb 2025 20:38
Operator : RC/JU
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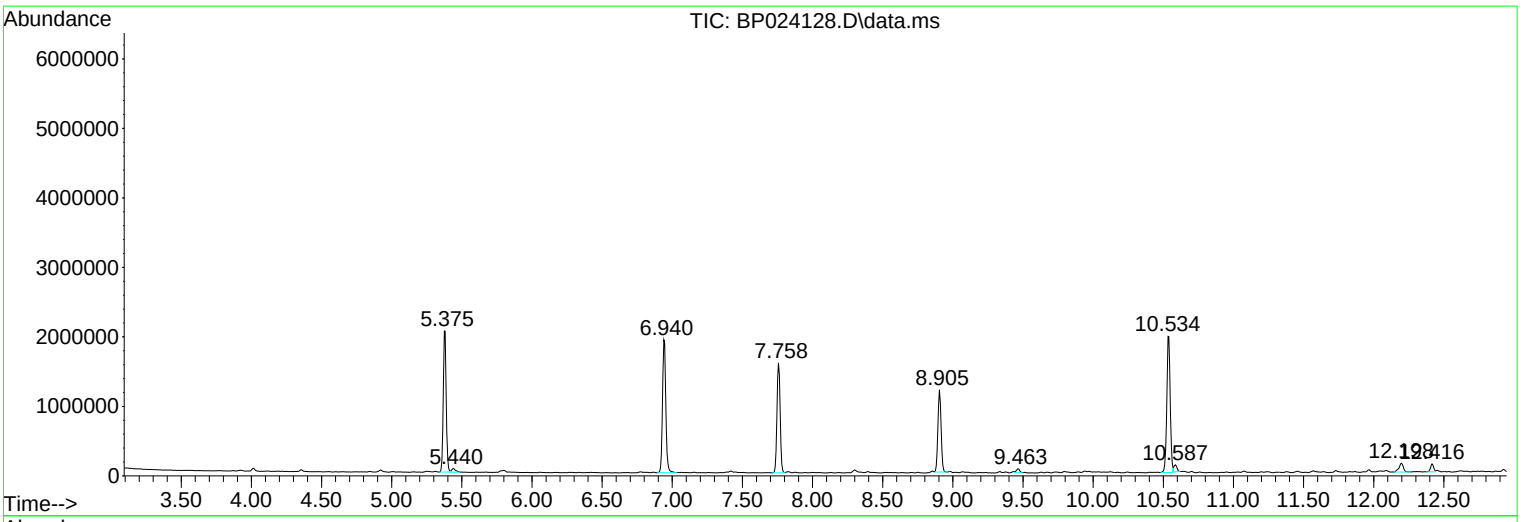
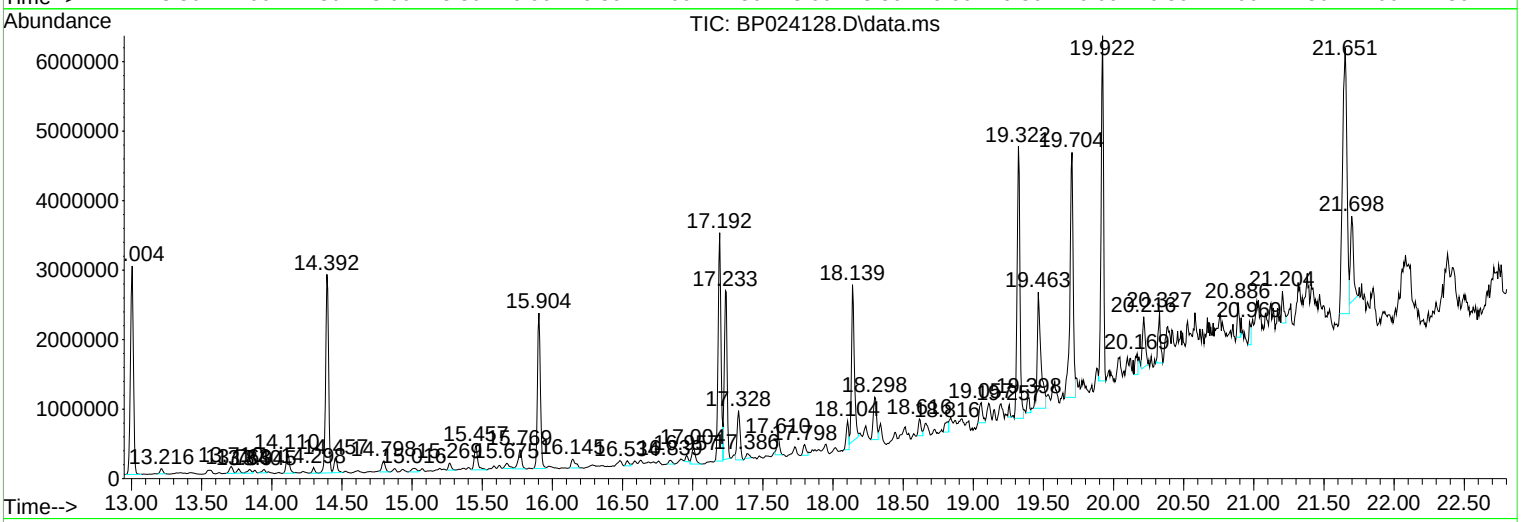
Misc :
ALS Vial : 16 Sample Multiplier: 1

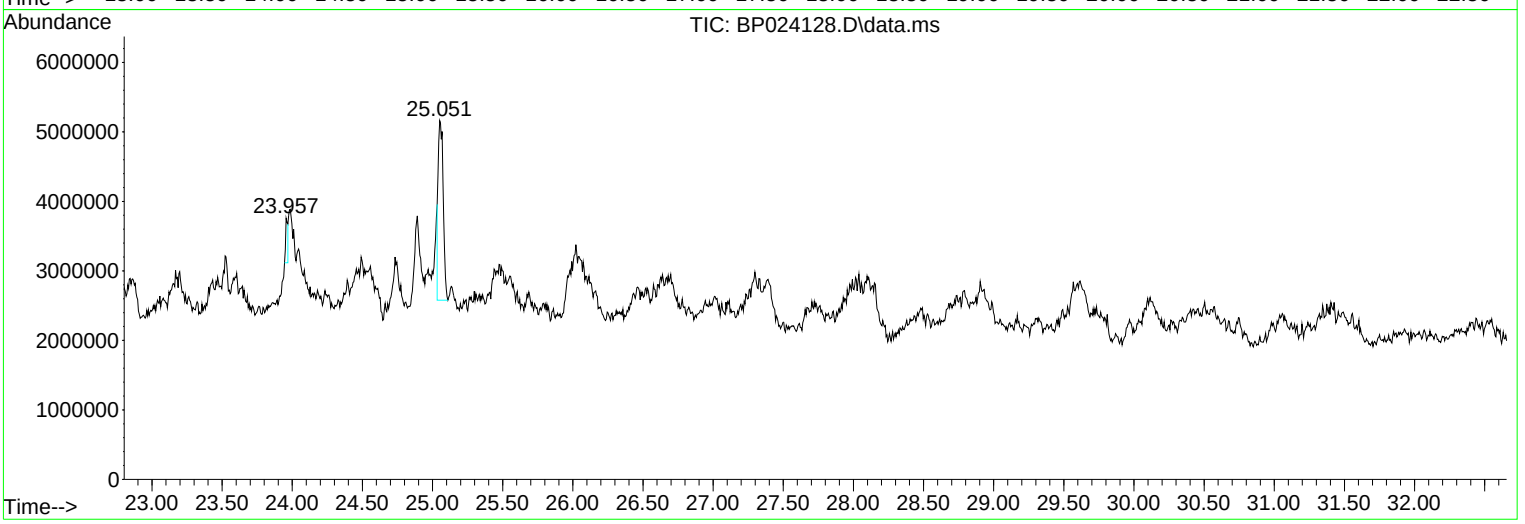
Instrument :
BNA_P
ClientSampleId :
OR-02-022625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.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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Acq On : 27 Feb 2025 20:38
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Misc :
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Instrument :
BNA_P
ClientSampleId :
OR-02-022625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

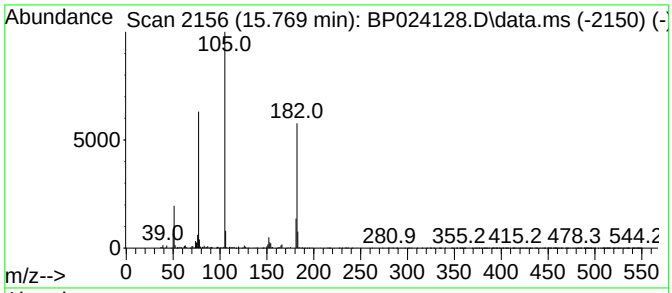
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

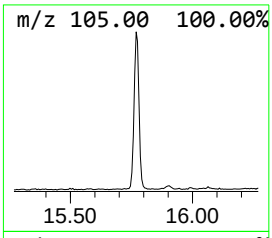
****

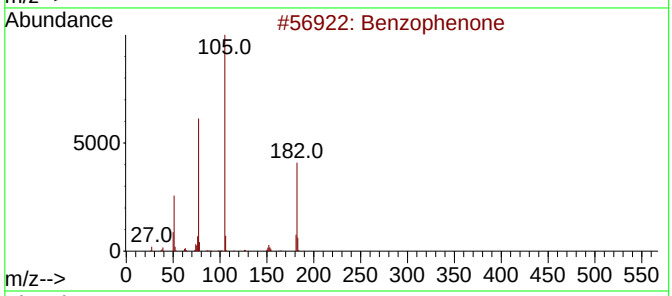
Peak Number 1 Benzophenone Concentration Rank 5

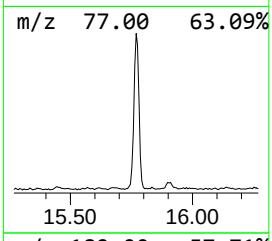
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.769	2.32 ng	486141	Acenaphthene-d10	14.393

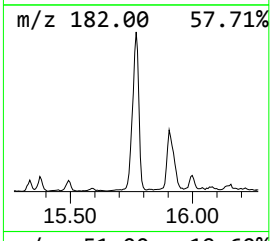
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	2,5-Dimethyl-7,7-diphenyl-3-aza-...	279	C18H17NO2	078950-91-1	45
3	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42
4	1,1-Diphenyl-2-phenylthiobut-3-e...	332	C22H20OS	097370-20-2	42
5	Azobenzene	182	C12H10N2	000103-33-3	42

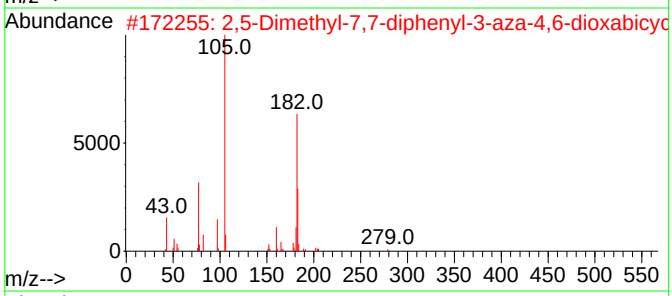


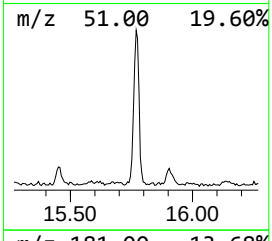


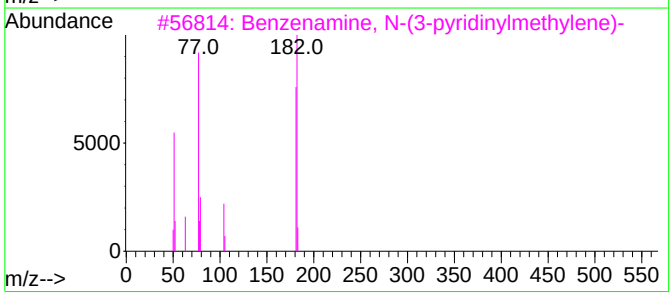


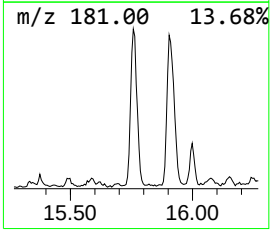












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
Data File : BP024128.D
Acq On : 27 Feb 2025 20:38
Operator : RC/JU
Sample : Q1440-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-022625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

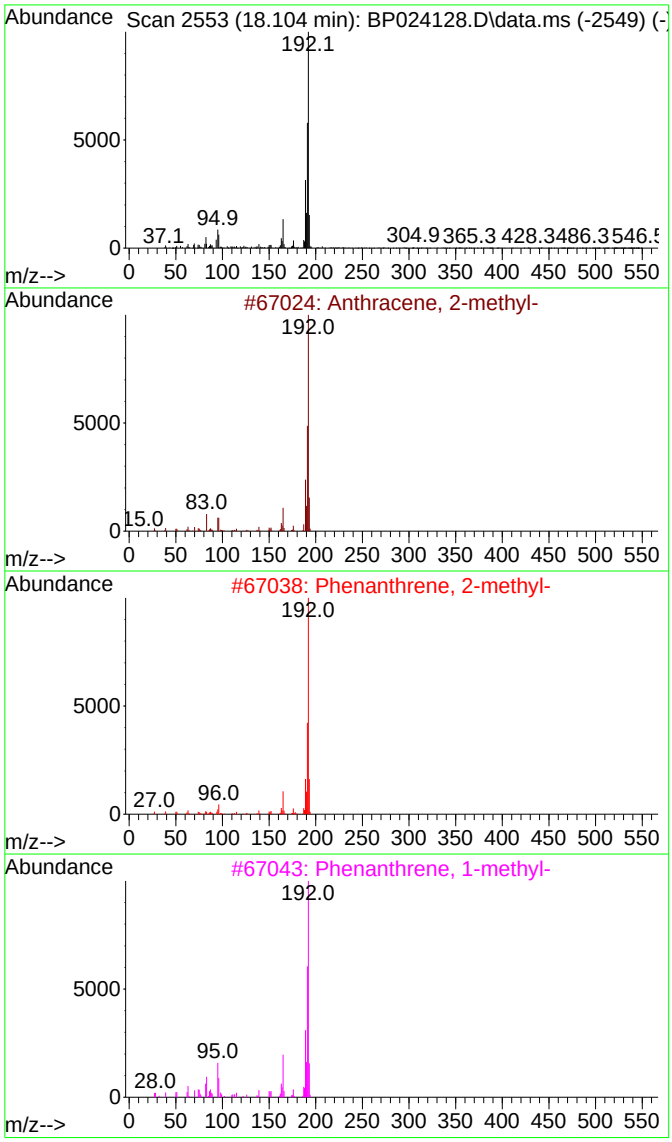
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

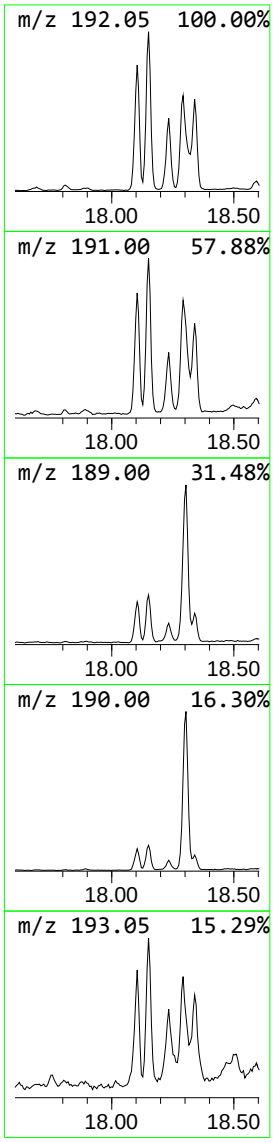
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	2.23 ng	533219	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Data File : BP024128.D
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Instrument :
BNA_P
ClientSampleId :
OR-02-022625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

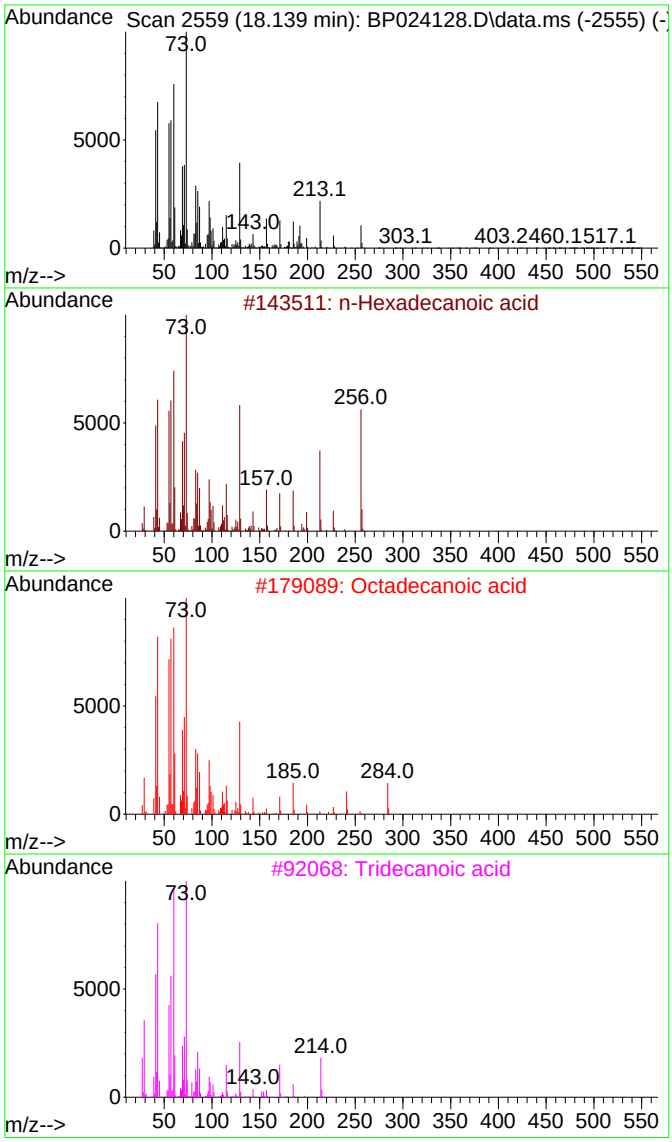
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

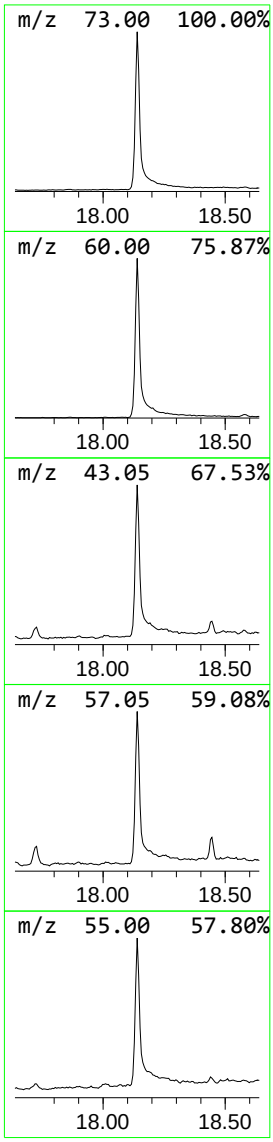
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	13.28 ng	3175640	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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BNA_P
ClientSampleId :
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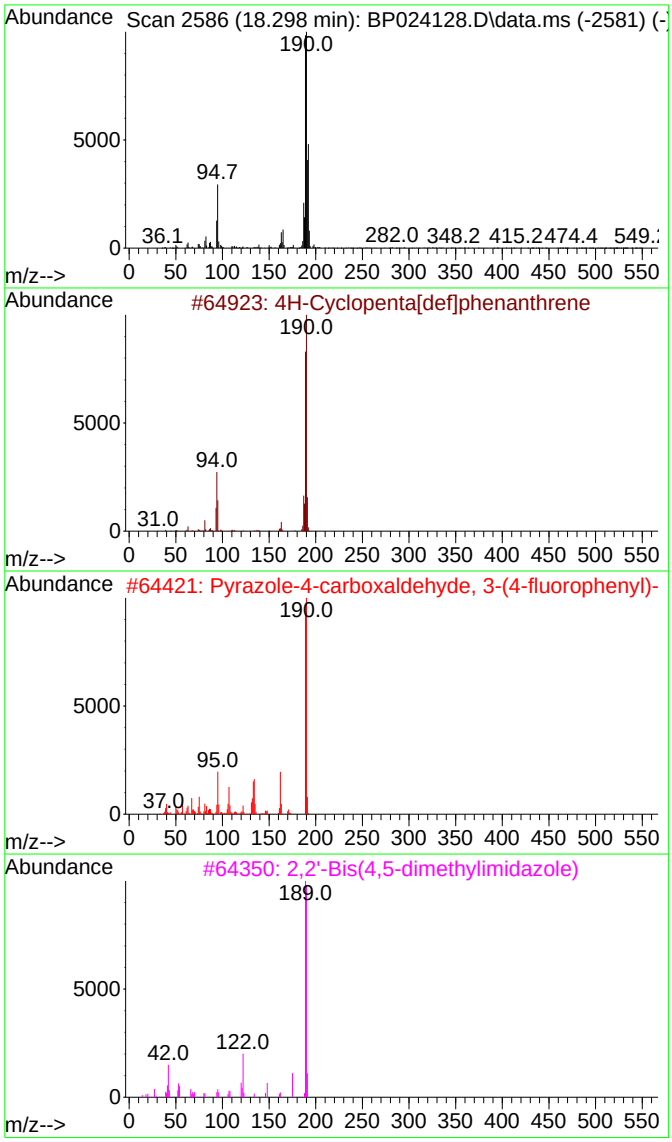
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

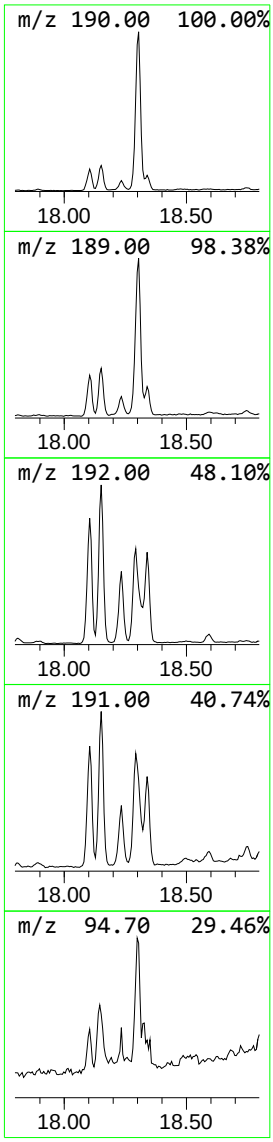
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	4.19 ng	1000940	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	49
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	46
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
5	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	38





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Data File : BP024128.D
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Operator : RC/JU
Sample : Q1440-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-022625

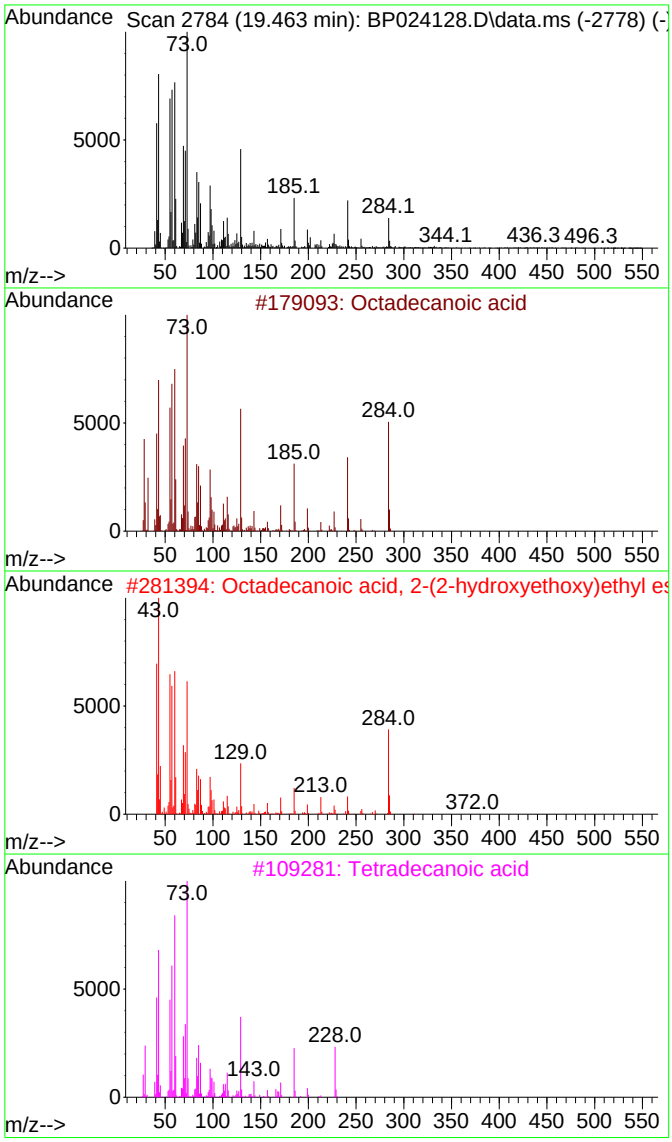
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

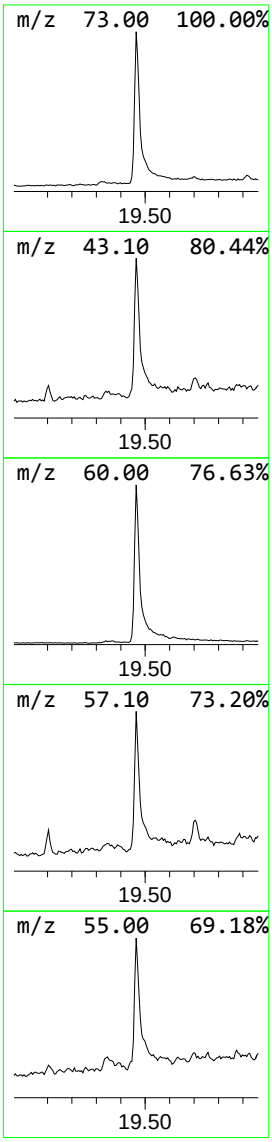
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.463	7.41 ng	3080710	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
Data File : BP024128.D
Acq On : 27 Feb 2025 20:38
Operator : RC/JU
Sample : Q1440-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

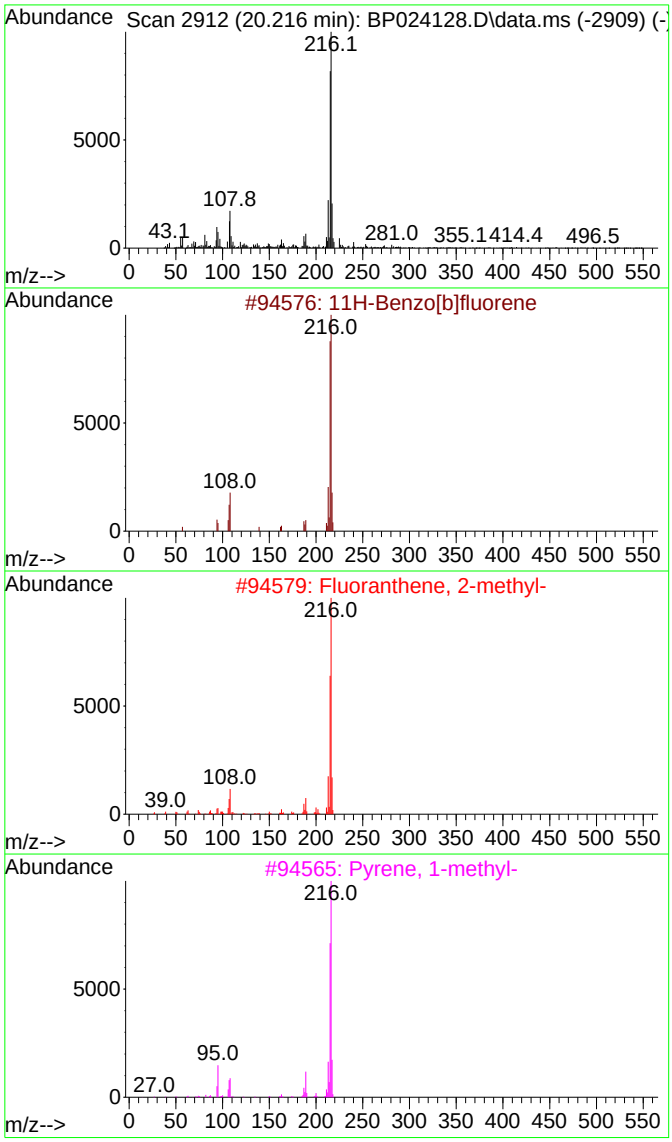
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

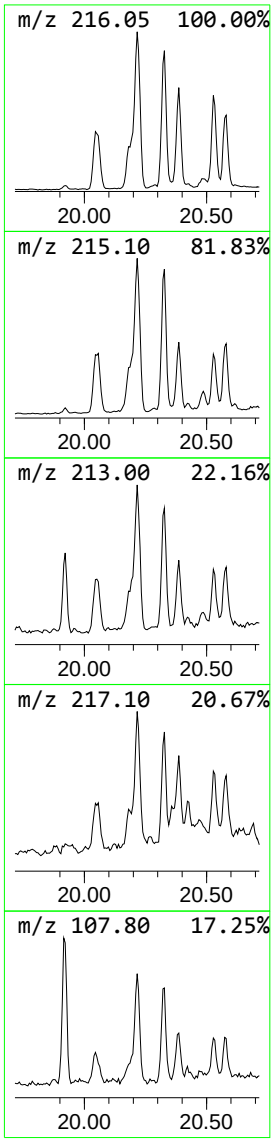
****

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.216	2.37 ng	986255	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
Data File : BP024128.D
Acq On : 27 Feb 2025 20:38
Operator : RC/JU
Sample : Q1440-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-022625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

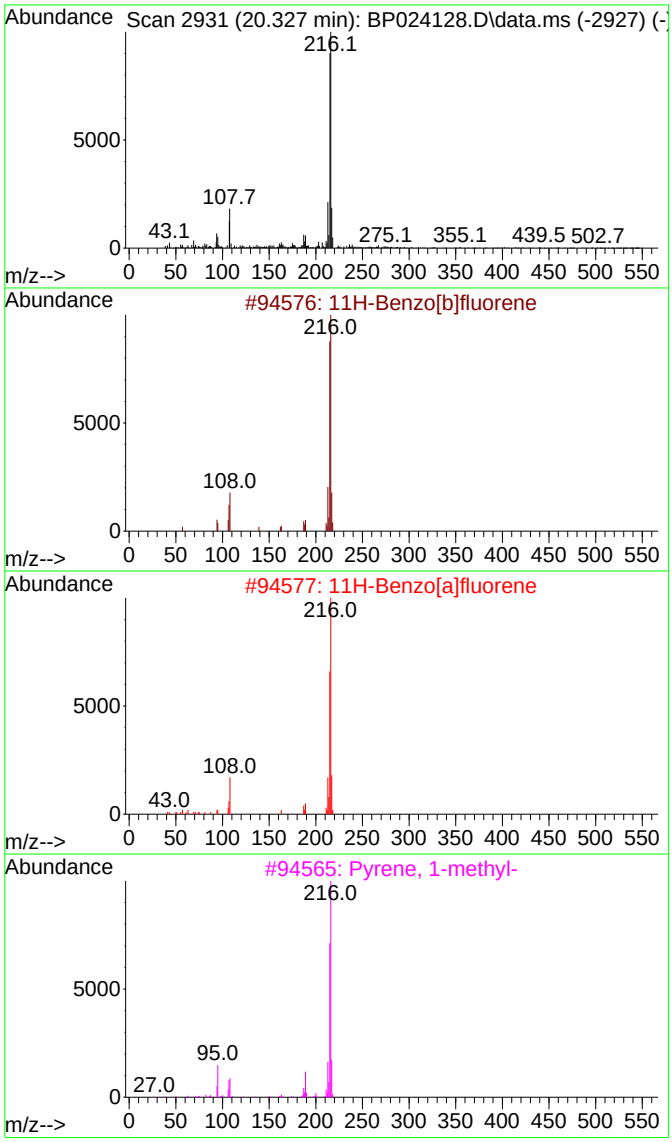
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

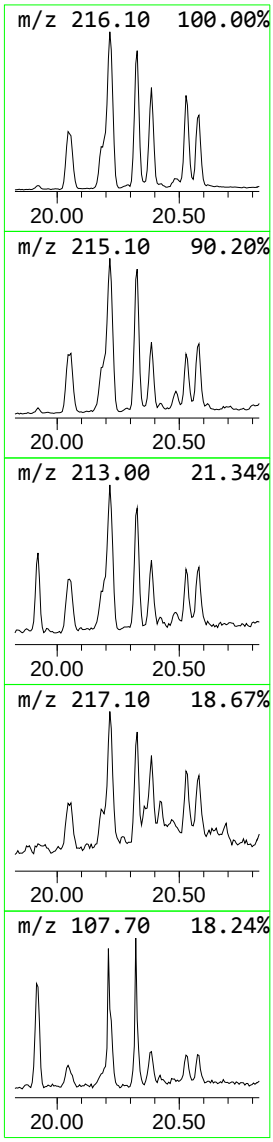
****

Peak Number 7 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.327	2.06 ng	858381	Chrysene-d12	21.651

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	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	4-O-Methylphenylhydrazono-3-meth...	216	C11H12N4O	065078-60-6	89
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
Data File : BP024128.D
Acq On : 27 Feb 2025 20:38
Operator : RC/JU
Sample : Q1440-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-022625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.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
Benzophenone	15.769	2.3	ng	486141	3	14.393	4198740	20.0
Anthracene, 2-m...	18.104	2.2	ng	533219	4	17.192	4782060	20.0
n-Hexadecanoic ...	18.139	13.3	ng	3175640	4	17.192	4782060	20.0
4H-Cyclopenta[d...	18.298	4.2	ng	1000940	4	17.192	4782060	20.0
Octadecanoic acid	19.463	7.4	ng	3080710	5	21.651	8319040	20.0
11H-Benzo[b]flu...	20.216	2.4	ng	986255	5	21.651	8319040	20.0
11H-Benzo[a]flu...	20.327	2.1	ng	858381	5	21.651	8319040	20.0