LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026050.D
Acq On : 30 Oct 2025 20:30
Operator : RC/JU
Sample : Q3466-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

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-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026050.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.302	395	402	413	rBV	3656649	5202933	53.82%	5.643%
2	5.802	481	487	493	rVB	149983	214151	2.22%	0.232%
3	6.855	658	666	676	rBV	3170055	5218768	53.99%	5.660%
4	7.684	800	807	815	rBV	1318089	2025453	20.95%	2.197%
5	8.819	991	1000	1007	rBV	1923554	3212095	33.23%	3.484%
6	10.449	1269	1277	1284	rBV	1606046	2675780	27.68%	2.902%
7	12.931	1691	1699	1709	rBV	4353360	6769145	70.02%	7.341%
8	14.325	1929	1936	1943	rBV	2010944	3103465	32.10%	3.366%
9	14.390	1943	1947	1953	rVB	143374	192574	1.99%	0.209%
10	14.737	2000	2006	2009	rBV	76859	114044	1.18%	0.124%
11	15.390	2110	2117	2124	rVB	99533	162546	1.68%	0.176%
12	15.713	2165	2172	2179	rVB	658595	941172	9.74%	1.021%
13	15.837	2187	2193	2204	rBV	3087105	4451874	46.05%	4.828%
14	16.772	2348	2352	2361	rVB	106481	170829	1.77%	0.185%
15	16.937	2377	2380	2386	rVB	65304	107459	1.11%	0.117%
16	17.137	2407	2414	2417	rBV2	2247974	3463626	35.83%	3.756%
17	17.178	2417	2421	2426	rVV	1588496	2222455	22.99%	2.410%
18	17.225	2426	2429	2432	rVV3	76424	109751	1.14%	0.119%
19	17.272	2432	2437	2443	rVB	241332	400125	4.14%	0.434%
20	17.454	2463	2468	2474	rVB	185143	249330	2.58%	0.270%
21	17.548	2476	2484	2490	rBV	179760	339373	3.51%	0.368%
22	18.042	2562	2568	2572	rBV	162758	254699	2.63%	0.276%
23	18.095	2572	2577	2585	rVV	819426	1136024	11.75%	1.232%
24	18.166	2585	2589	2596	rVV2	155126	327748	3.39%	0.355%
25	18.254	2597	2604	2607	rVV2	218875	436800	4.52%	0.474%
26	18.284	2607	2609	2615	rVB	119931	147452	1.53%	0.160%
27	18.572	2653	2658	2660	rBV	120254	199956	2.07%	0.217%
28	18.601	2660	2663	2671	rVB	193462	266836	2.76%	0.289%
29	19.001	2729	2731	2736	rVB	96095	129305	1.34%	0.140%
30	19.060	2737	2741	2746	rVV5	79950	171200	1.77%	0.186%
31	19.136	2750	2754	2764	rVB3	115875	264838	2.74%	0.287%
32	19.266	2771	2776	2785	rBV	2797077	3751564	38.81%	4.069%
33	19.431	2800	2804	2808	rBV	298295	414715	4.29%	0.450%
34	19.525	2817	2820	2825	rVB	80947	104506	1.08%	0.113%
35	19.648	2832	2841	2846	rBV	2240626	3516897	36.38%	3.814%
36	19.731	2853	2855	2863	rVB2	109551	141979	1.47%	0.154%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026050.D
Acq On : 30 Oct 2025 20:30
Operator : RC/JU
Sample : Q3466-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

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-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.842	2870	2874	2875	rBV	148040	161094	1.67%	0.175%
38	19.878	2875	2880	2891	rVB	7450036	9666987	100.00%	10.484%
39	19.995	2893	2900	2906	rBV5	117414	341455	3.53%	0.370%
40	20.136	2920	2924	2926	rBV3	100607	168784	1.75%	0.183%
41	20.172	2927	2930	2935	rVB2	227213	287665	2.98%	0.312%
42	20.331	2953	2957	2962	rBV	244598	322469	3.34%	0.350%
43	20.483	2980	2983	2987	rVB2	118340	151272	1.56%	0.164%
44	20.536	2988	2992	2999	rBV4	112031	297767	3.08%	0.323%
45	20.954	3059	3063	3069	rBV	277669	401538	4.15%	0.435%
46	21.136	3091	3094	3095	rBV	121125	140556	1.45%	0.152%
47	21.242	3109	3112	3116	rBV2	234847	380126	3.93%	0.412%
48	21.295	3116	3121	3131	rVB3	395667	956369	9.89%	1.037%
49	21.536	3157	3162	3165	rBV	2276489	3511579	36.33%	3.808%
50	21.583	3165	3170	3175	rVV2	3237915	7014517	72.56%	7.607%
51	21.630	3175	3178	3190	rVB	1241157	2143129	22.17%	2.324%
52	22.001	3237	3241	3251	rVB4	203790	422455	4.37%	0.458%
53	22.913	3391	3396	3404	rVB	712205	1296315	13.41%	1.406%
54	23.860	3549	3557	3566	rBV2	888499	3024521	31.29%	3.280%
55	24.142	3601	3605	3618	rVB5	317110	916498	9.48%	0.994%
56	24.595	3676	3682	3699	rVB	525087	1556148	16.10%	1.688%
57	24.760	3702	3710	3719	rVB	658936	1832722	18.96%	1.988%
58	24.924	3729	3738	3746	rBV	1703748	4601040	47.60%	4.990%

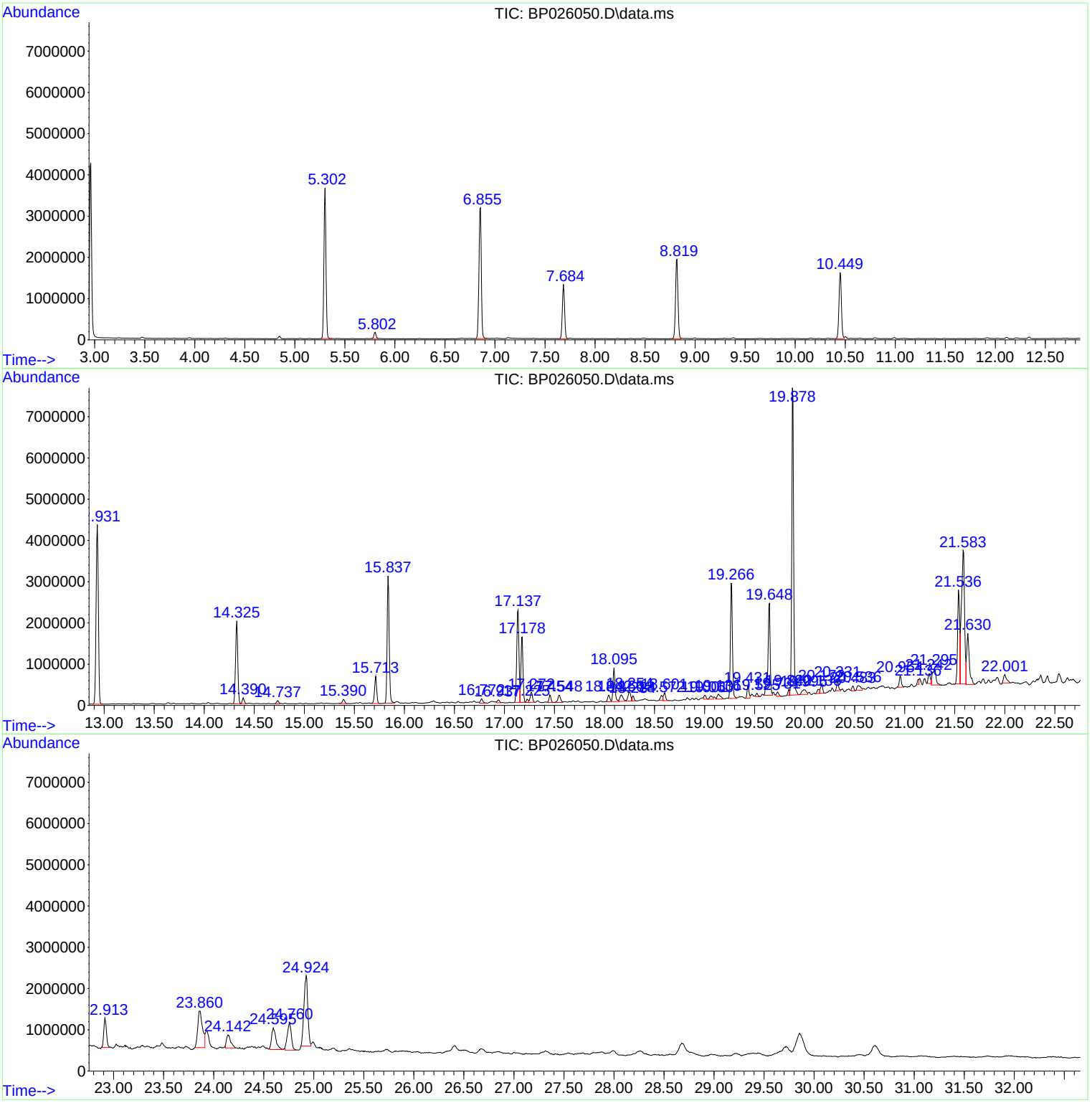
Sum of corrected areas: 92206473

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026050.D
Acq On : 30 Oct 2025 20:30
Operator : RC/JU
Sample : Q3466-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.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\BP103025\
Data File : BP026050.D
Acq On : 30 Oct 2025 20:30
Operator : RC/JU
Sample : Q3466-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

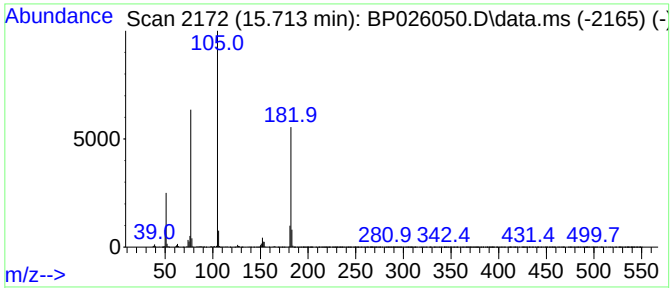
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

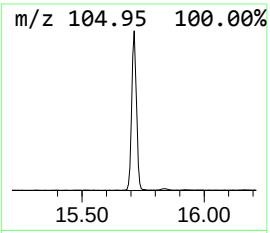
****

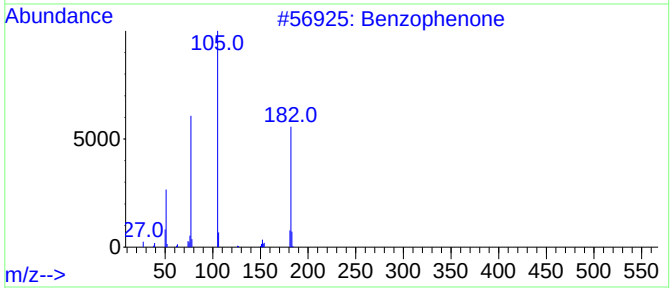
Peak Number 2 Benzophenone Concentration Rank 3

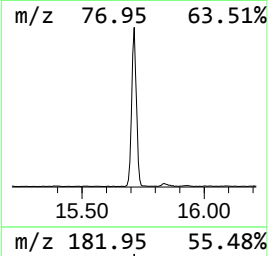
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.713	6.07 ng	941172	Acenaphthene-d10	14.325

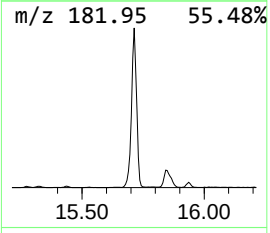
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
4	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45
5	Azobenzene	182	C12H10N2	000103-33-3	40

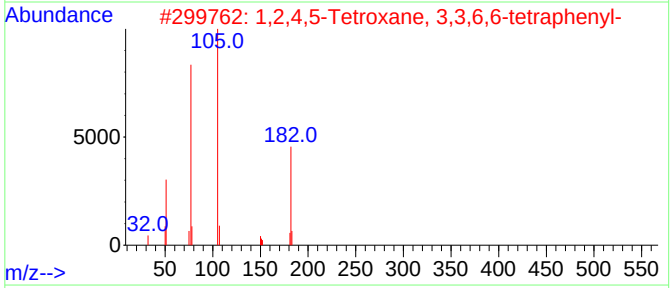


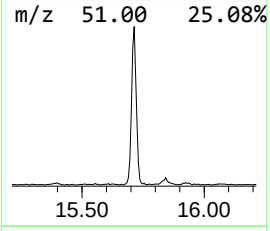


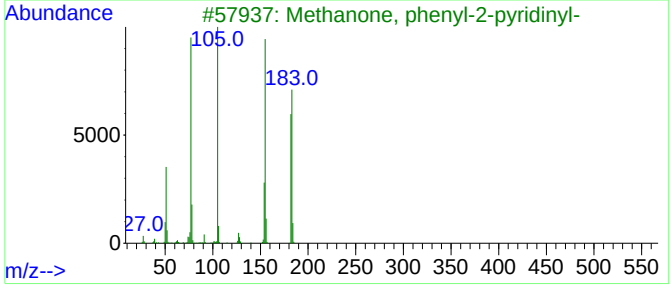


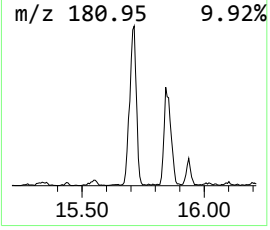












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026050.D
Acq On : 30 Oct 2025 20:30
Operator : RC/JU
Sample : Q3466-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

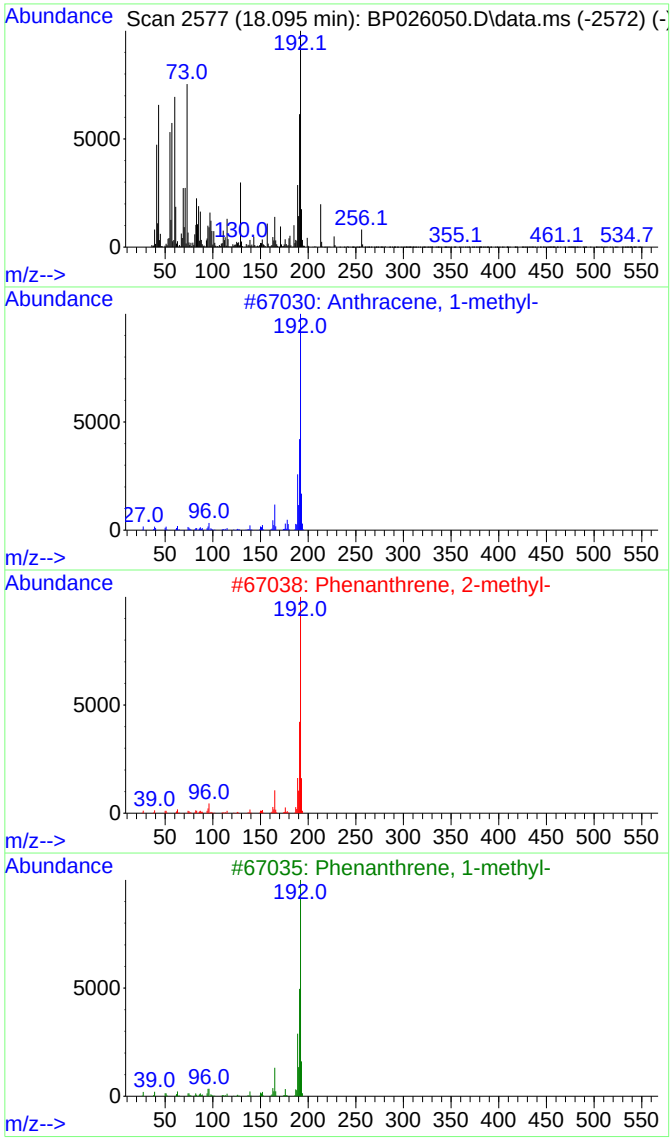
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

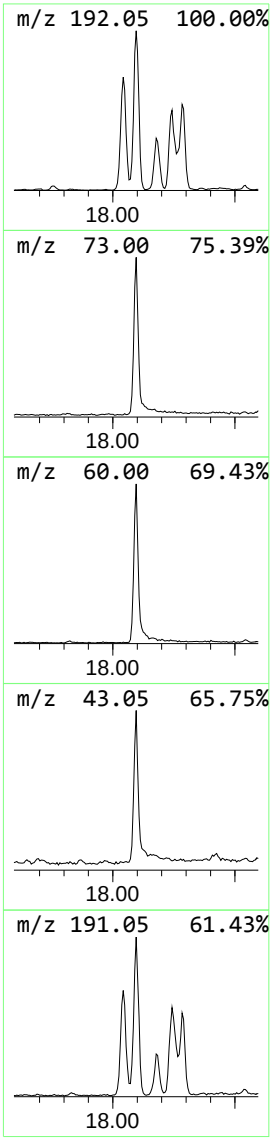
****

Peak Number 3 Anthracene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.095	6.56 ng	1136020	Phenanthrene-d10	17.137

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026050.D
Acq On : 30 Oct 2025 20:30
Operator : RC/JU
Sample : Q3466-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

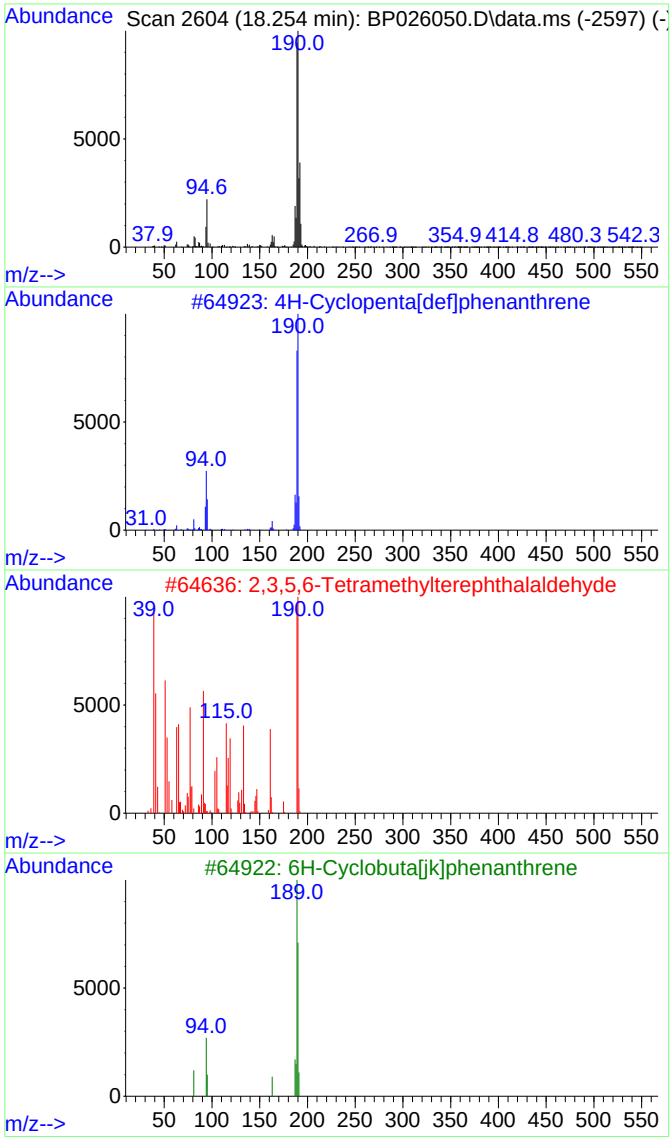
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

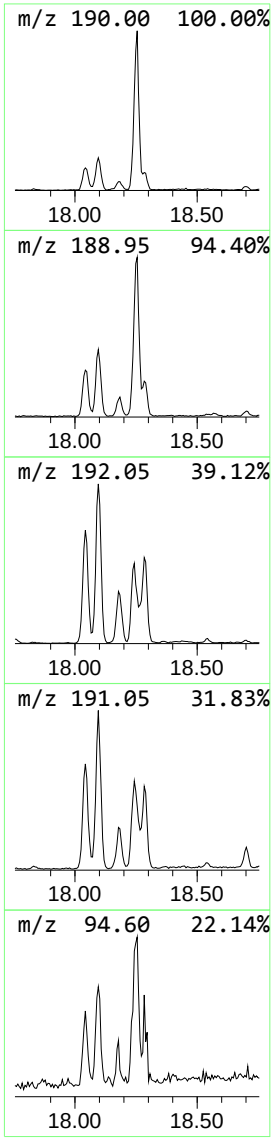
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.254	2.52 ng	436800	Phenanthrene-d10	17.137

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	Epilupeol; 20(29)-Lupen-3alpha-o...	468	C32H52O2	1010513-01-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026050.D
Acq On : 30 Oct 2025 20:30
Operator : RC/JU
Sample : Q3466-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

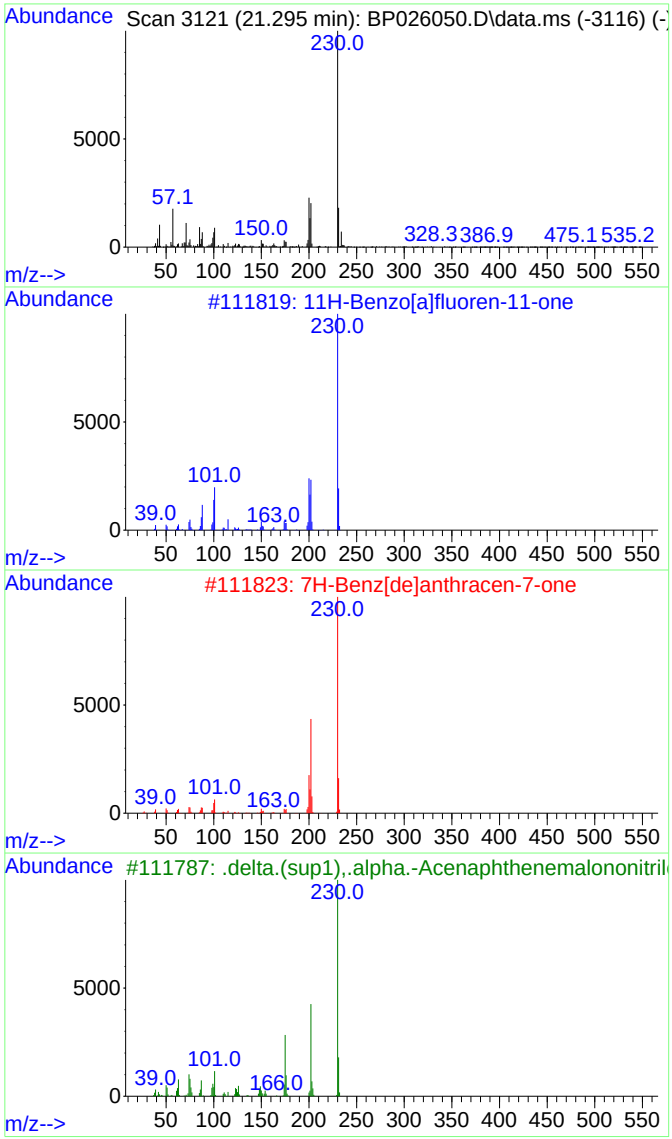
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

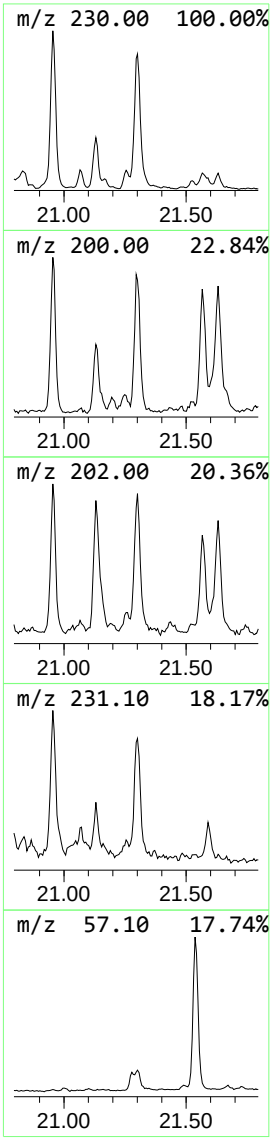
****

Peak Number 5 11H-Benzo[a]fluoren-11-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.295	2.73 ng	956369	Chrysene-d12	21.589

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	53
4	Benzo(b)phenazine	230	C16H10N2	000257-97-6	47
5	p-Terphenyl	230	C18H14	000092-94-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026050.D
Acq On : 30 Oct 2025 20:30
Operator : RC/JU
Sample : Q3466-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

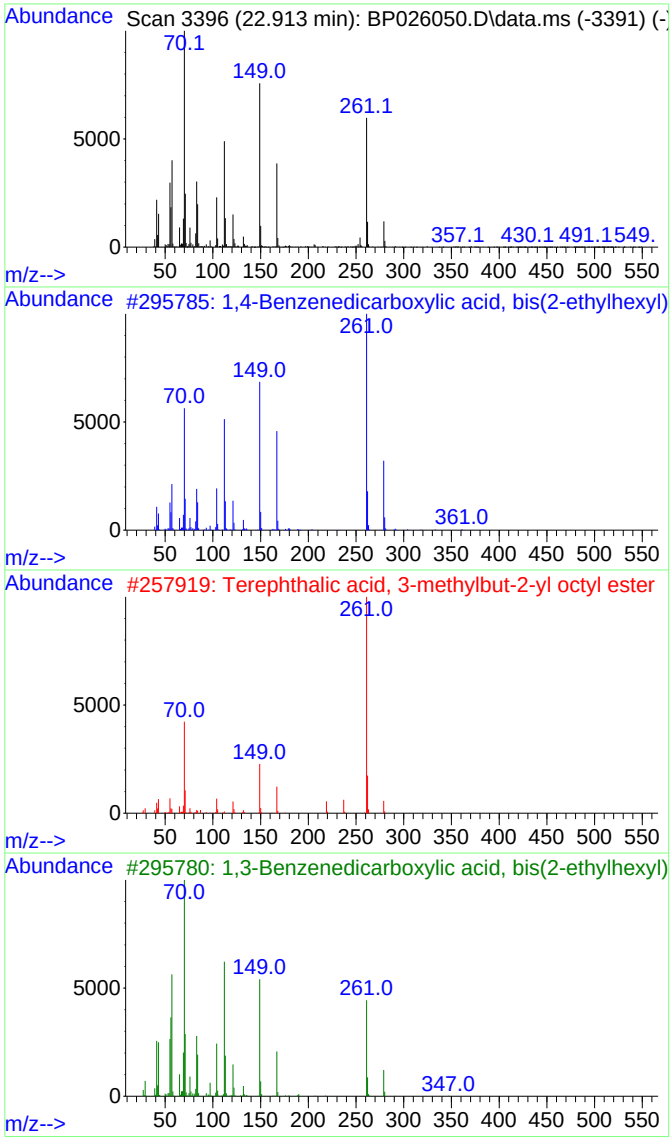
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

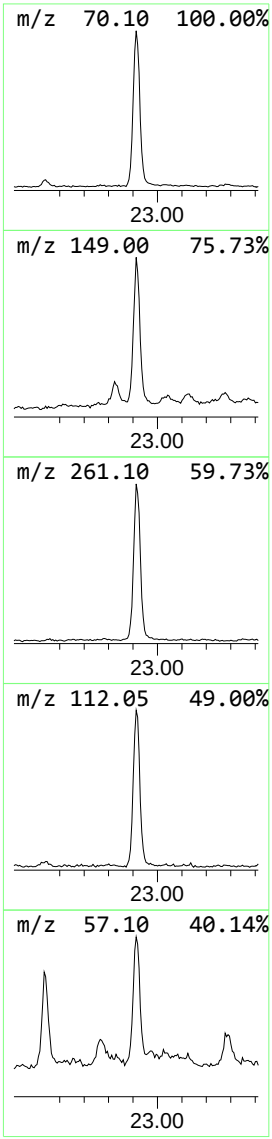
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,4-Benzenedicarboxylic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.913	3.70 ng	1296320	Chrysene-d12	21.589

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	91
2	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	59
3	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	58
4	Terephthalic acid, monochloride,...	296	C16H21ClO3	1000324-22-9	38
5	Phthalic acid, 6-ethyloct-3-yl 2...	418	C26H42O4	1000315-53-8	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026050.D
Acq On : 30 Oct 2025 20:30
Operator : RC/JU
Sample : Q3466-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

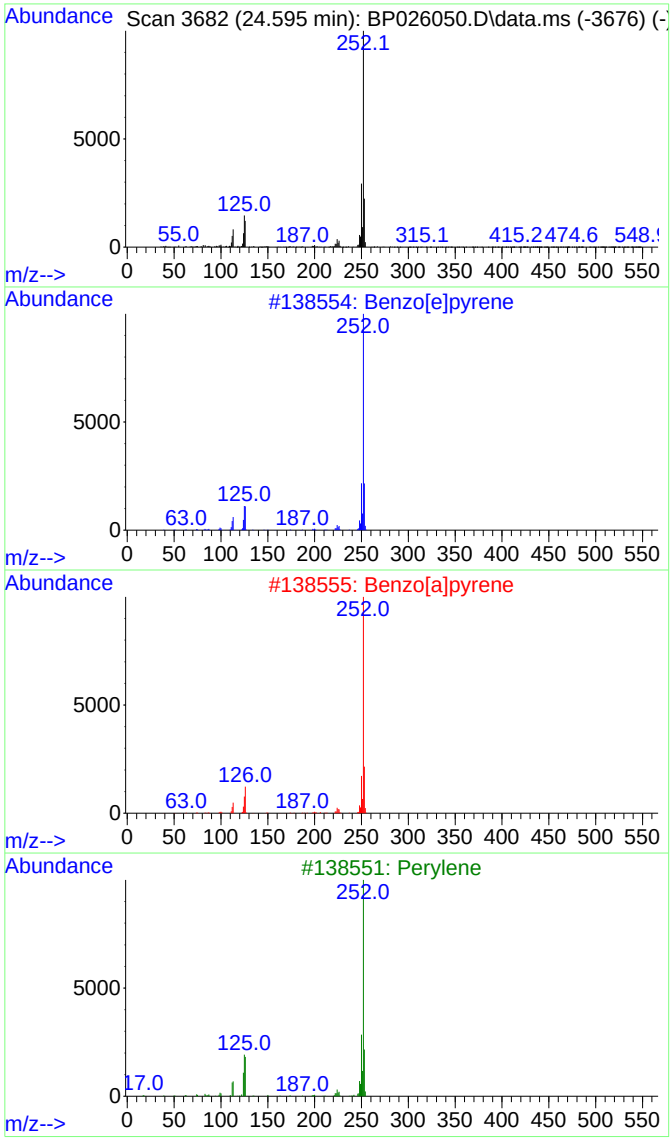
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

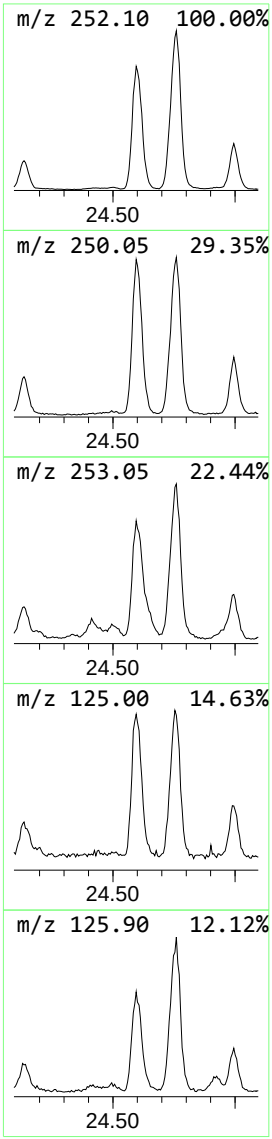
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.595	6.76 ng	1556150	Perylene-d12	24.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026050.D
Acq On : 30 Oct 2025 20:30
Operator : RC/JU
Sample : Q3466-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.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	15.713	6.1	ng	941172	3	14.325	3103470	20.0
Anthracene, 1-m...	18.095	6.6	ng	1136020	4	17.137	3463630	20.0
4H-Cyclopenta[d...	18.254	2.5	ng	436800	4	17.137	3463630	20.0
11H-Benzo[a]flu...	21.295	2.7	ng	956369	5	21.589	7014520	20.0
1,4-Benzenedica...	22.913	3.7	ng	1296320	5	21.589	7014520	20.0
Benzo[e]pyrene	24.595	6.8	ng	1556150	6	24.924	4601040	20.0