LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024932.D
Acq On : 12 Jun 2025 16:33
Operator : RC/JU
Sample : Q2296-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-2

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-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024932.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.772	306	312	321	rBV	263801	378899	3.82%	0.481%
2	5.237	385	391	414	rBV	2586234	4077808	41.09%	5.173%
3	6.813	652	659	677	rBV	2515560	4281157	43.14%	5.431%
4	7.608	787	794	803	rBV	810124	1322121	13.32%	1.677%
5	8.760	982	990	1012	rBV	1518399	2805851	28.27%	3.560%
6	10.378	1258	1265	1279	rBV	1084649	1822415	18.36%	2.312%
7	12.854	1678	1686	1705	rBV	4488098	6478887	65.29%	8.220%
8	14.248	1917	1923	1930	rBV	1708246	2452766	24.72%	3.112%
9	15.642	2153	2160	2173	rBV	658351	1026131	10.34%	1.302%
10	15.784	2173	2184	2196	rBV	3830509	5820055	58.65%	7.384%
11	17.060	2393	2401	2405	rBV2	2326834	3097989	31.22%	3.930%
12	17.101	2405	2408	2415	rVV	966256	1310800	13.21%	1.663%
13	17.195	2419	2424	2431	rVB	183013	314708	3.17%	0.399%
14	17.489	2471	2474	2485	rVB	83417	161421	1.63%	0.205%
15	17.960	2546	2554	2557	rBV	144597	273720	2.76%	0.347%
16	18.001	2557	2561	2570	rVV2	916543	1597549	16.10%	2.027%
17	18.101	2574	2578	2582	rVV	84942	168574	1.70%	0.214%
18	18.160	2583	2588	2593	rVV2	278285	509631	5.14%	0.647%
19	18.201	2593	2595	2604	rVB2	99545	153035	1.54%	0.194%
20	18.430	2631	2634	2638	rBV3	80194	105262	1.06%	0.134%
21	18.483	2639	2643	2647	rVB	92625	125944	1.27%	0.160%
22	18.536	2648	2652	2656	rBV	101753	132000	1.33%	0.167%
23	19.066	2739	2742	2750	rVB2	110040	197593	1.99%	0.251%
24	19.189	2757	2763	2768	rBV	2794698	3813517	38.43%	4.838%
25	19.325	2783	2786	2795	rBV2	230152	324301	3.27%	0.411%
26	19.536	2817	2822	2823	rBV2	404850	525750	5.30%	0.667%
27	19.566	2823	2827	2836	rVB	2410205	3238151	32.63%	4.108%
28	19.648	2838	2841	2847	rVB2	100058	152011	1.53%	0.193%
29	19.777	2857	2863	2869	rBV	7470146	9923743	100.00%	12.590%
30	19.907	2880	2885	2886	rBV2	141247	201722	2.03%	0.256%
31	20.054	2906	2910	2911	rBV3	111920	142776	1.44%	0.181%
32	20.083	2912	2915	2919	rVB2	355123	438380	4.42%	0.556%
33	20.189	2929	2933	2937	rBV	268282	342865	3.45%	0.435%
34	20.248	2940	2943	2948	rVB2	177120	272888	2.75%	0.346%
35	20.877	3047	3050	3057	rVB	189513	295580	2.98%	0.375%
36	21.054	3077	3080	3085	rBV2	224592	402012	4.05%	0.510%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024932.D
Acq On : 12 Jun 2025 16:33
Operator : RC/JU
Sample : Q2296-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-2

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-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	21.148	3092	3096	3103	rBV3	866016	1346527	13.57%	1.708%
38	21.219	3106	3108	3114	rVB	237355	290544	2.93%	0.369%
39	21.483	3145	3153	3158	rBV2	2788507	6219382	62.67%	7.890%
40	21.530	3158	3161	3174	rVB	1295581	1957867	19.73%	2.484%
41	21.683	3184	3187	3191	rBV	161672	244351	2.46%	0.310%
42	23.718	3527	3533	3541	rBV	917435	2840936	28.63%	3.604%
43	24.442	3652	3656	3671	rVB	487252	1223613	12.33%	1.552%
44	24.601	3677	3683	3694	rVB	799553	2175872	21.93%	2.760%
45	24.748	3701	3708	3718	rBV	1369463	3835957	38.65%	4.867%

Sum of corrected areas: 78823061

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
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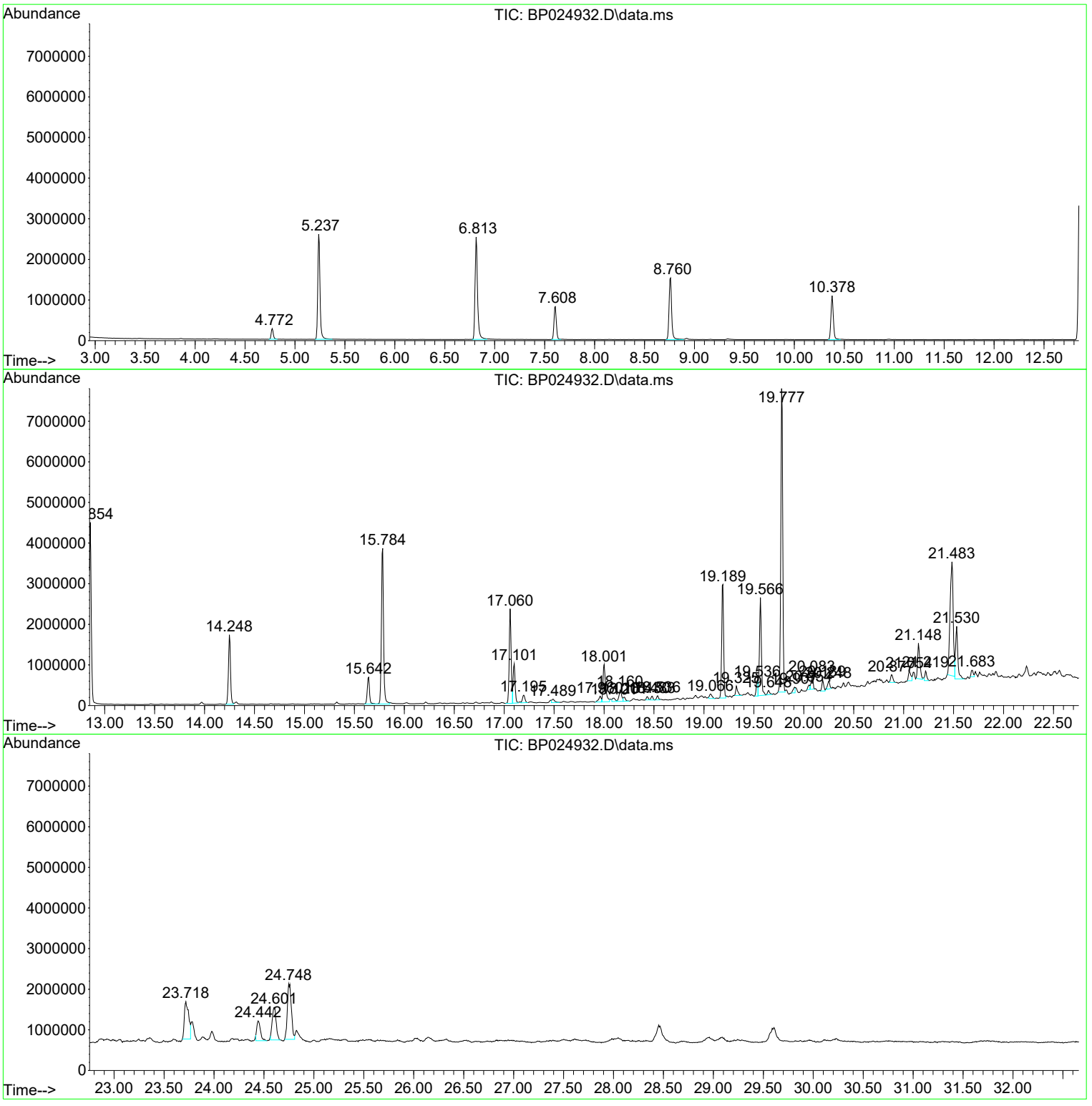
Operator : RC/JU
Sample : Q2296-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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\BP061225\
Data File : BP024932.D
Acq On : 12 Jun 2025 16:33
Operator : RC/JU
Sample : Q2296-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-2

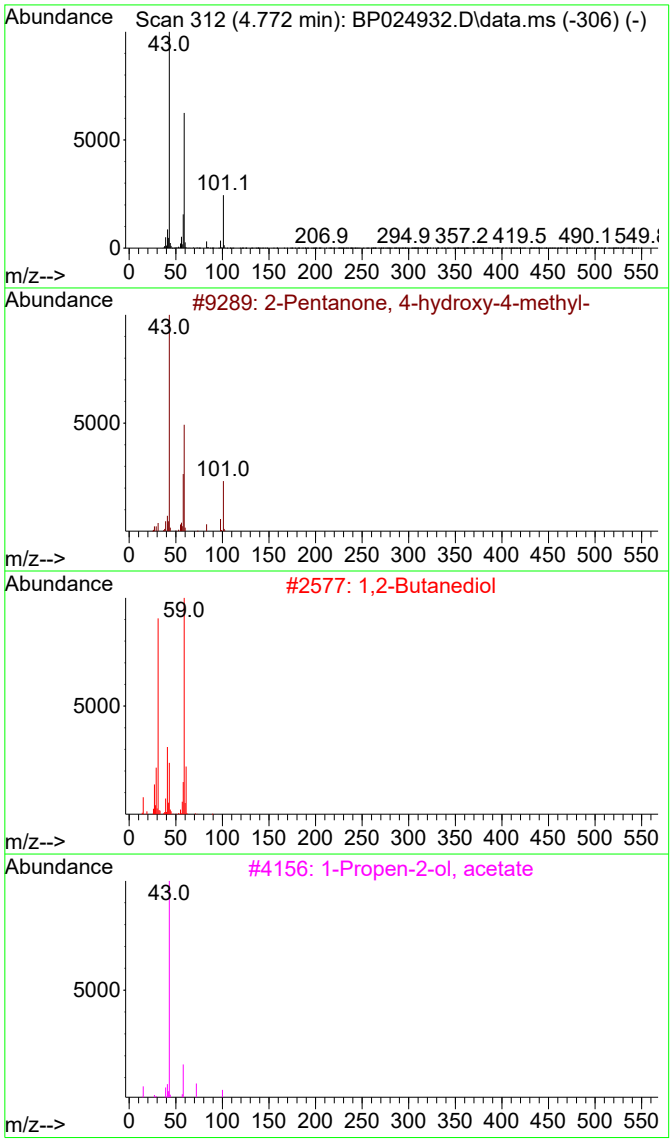
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

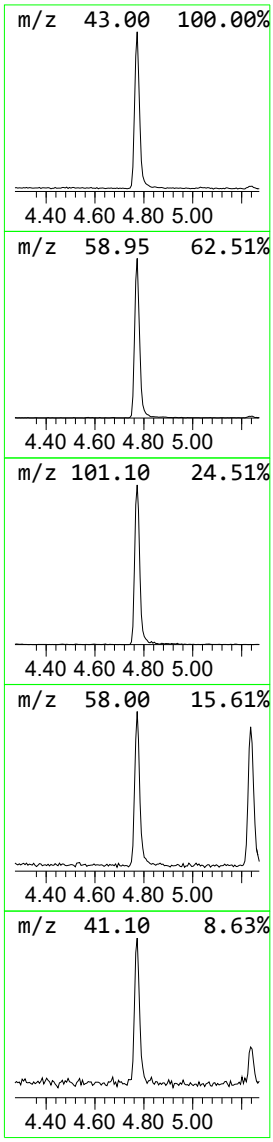
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.772	5.73 ng	378899	1,4-Dichlorobenzene-d4	7.608

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	1,2-Butanediol	90	C4H10O2	000584-03-2	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024932.D
Acq On : 12 Jun 2025 16:33
Operator : RC/JU
Sample : Q2296-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

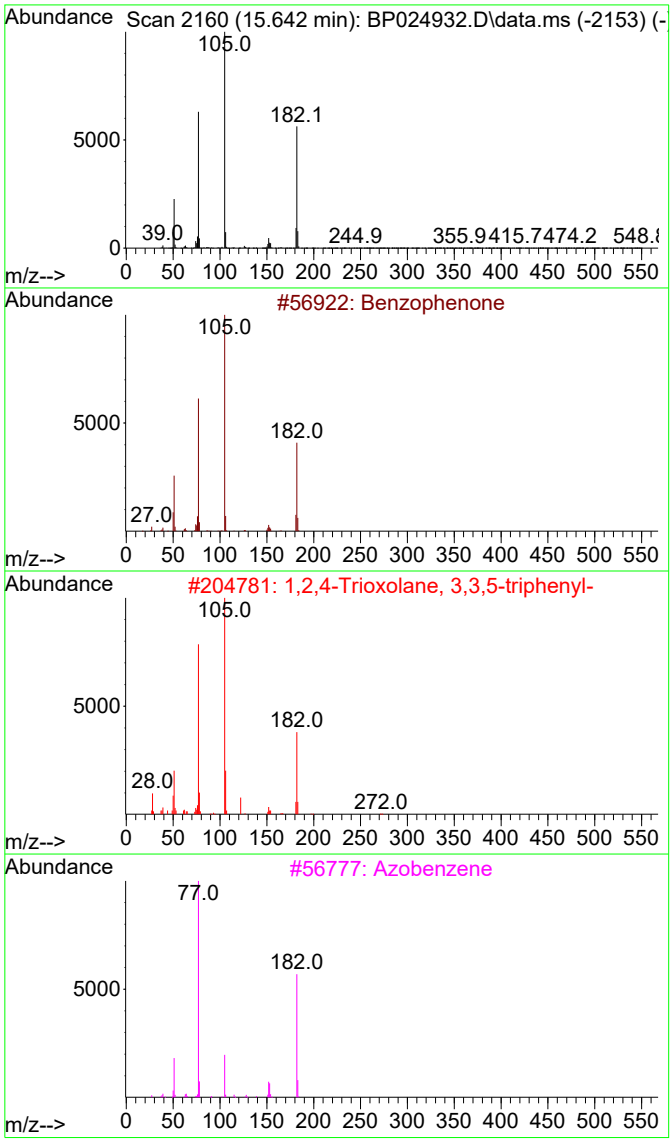
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

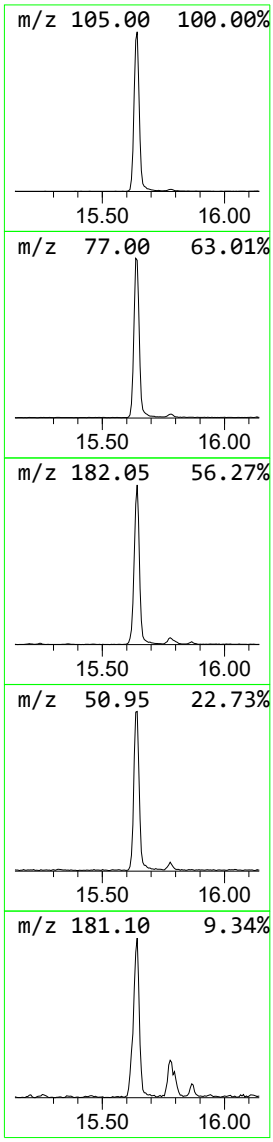
****

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.642	8.37 ng	1026130	Acenaphthene-d10	14.248

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	64
3	Azobenzene	182	C12H10N2	000103-33-3	64
4	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	45
5	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024932.D
Acq On : 12 Jun 2025 16:33
Operator : RC/JU
Sample : Q2296-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

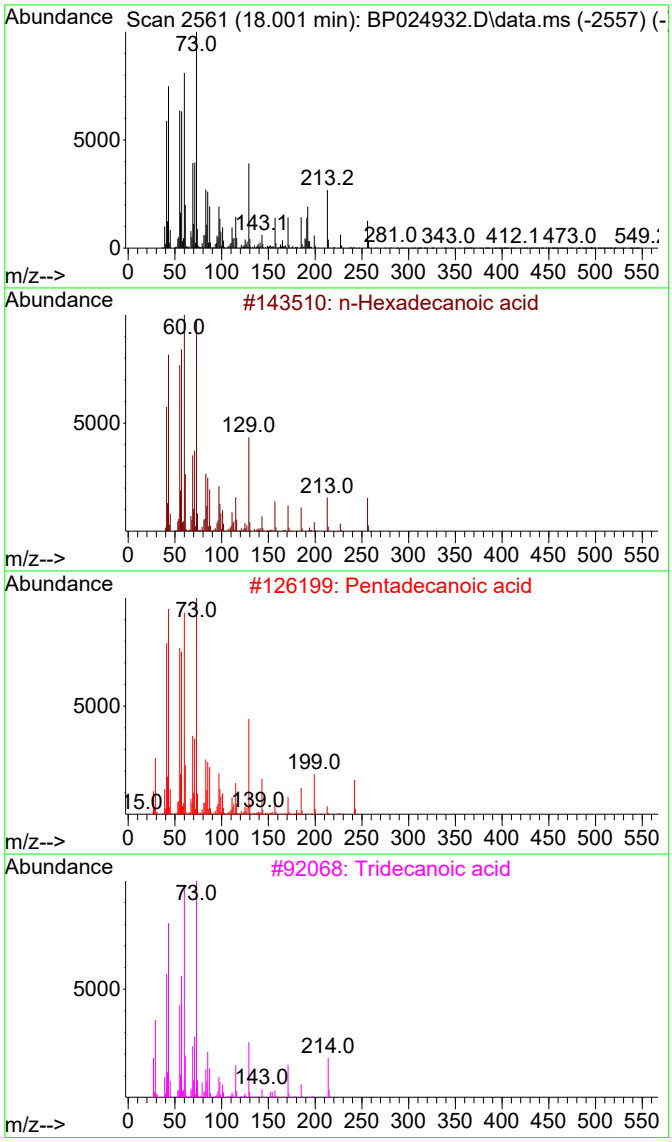
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

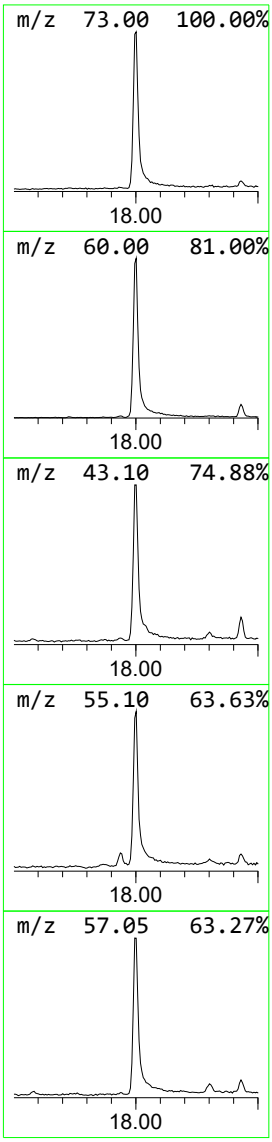
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.001	10.31 ng	1597550	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024932.D
Acq On : 12 Jun 2025 16:33
Operator : RC/JU
Sample : Q2296-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-2

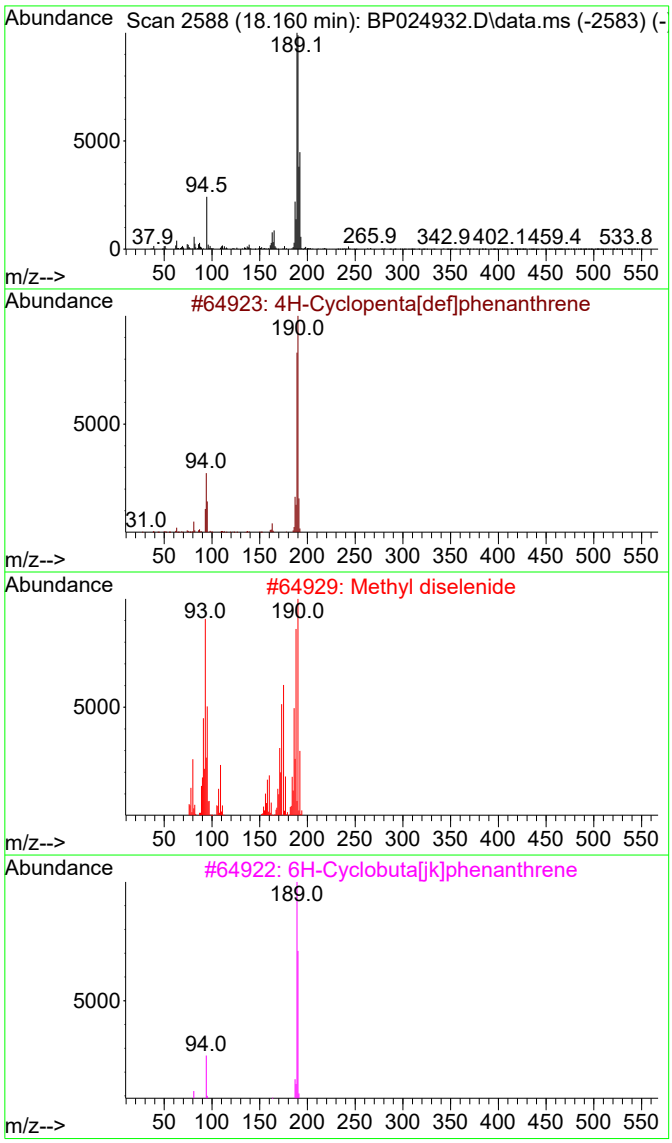
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

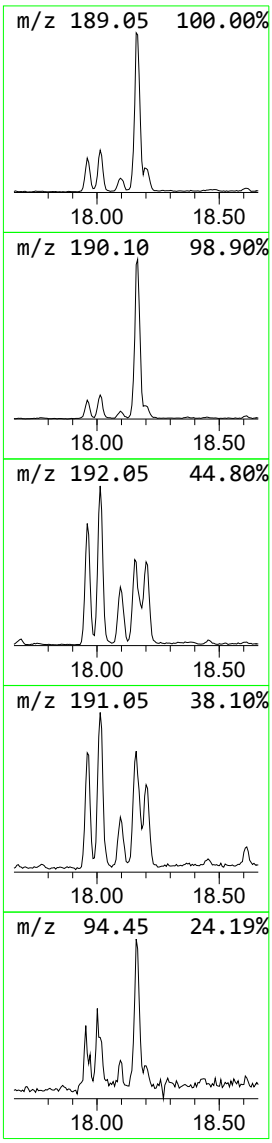
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.160	3.29 ng	509631	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Methyl diselenide	190	C2H6Se2	007101-31-7	45
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024932.D
Acq On : 12 Jun 2025 16:33
Operator : RC/JU
Sample : Q2296-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

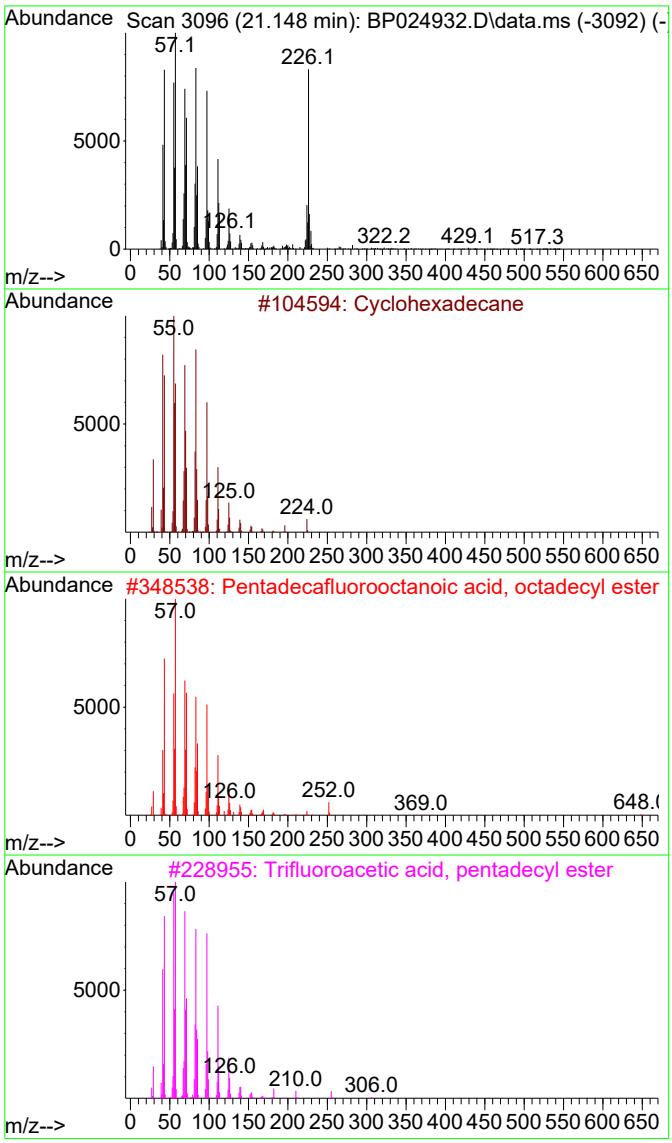
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

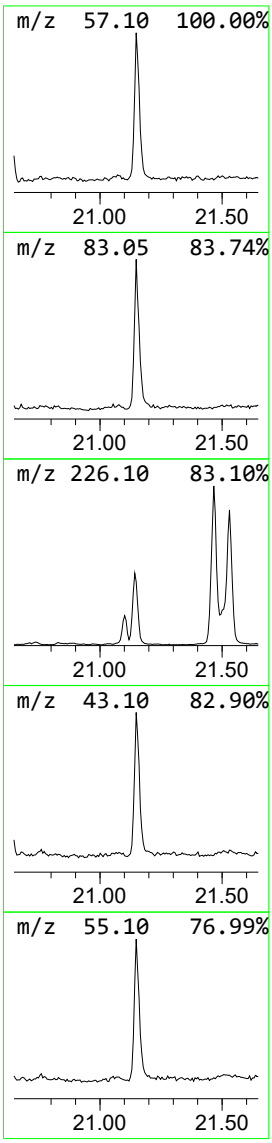
****

Peak Number 5 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.148	4.33 ng	1346530	Chrysene-d12	21.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	86
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	78
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024932.D
Acq On : 12 Jun 2025 16:33
Operator : RC/JU
Sample : Q2296-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

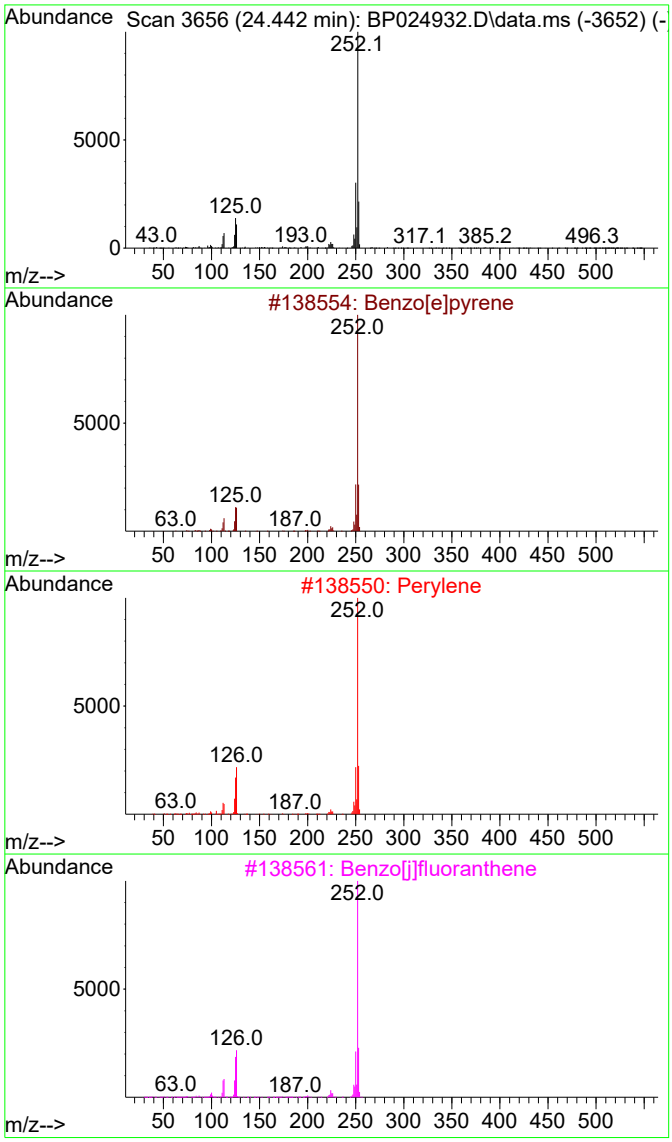
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

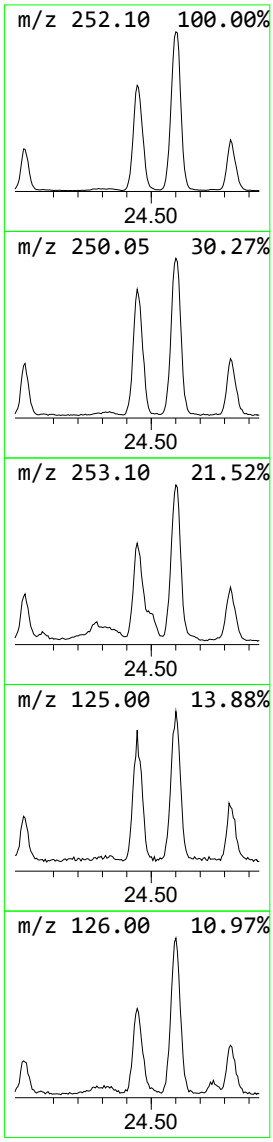
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.442	6.38 ng	1223610	Perylene-d12	24.748

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024932.D
Acq On : 12 Jun 2025 16:33
Operator : RC/JU
Sample : Q2296-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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-Pentanone, 4-...	4.772	5.7	ng	378899	1	7.608	1322120	20.0
Benzophenone	15.642	8.4	ng	1026130	3	14.248	2452770	20.0
n-Hexadecanoic ...	18.001	10.3	ng	1597550	4	17.060	3097990	20.0
4H-Cyclopenta[d...	18.160	3.3	ng	509631	4	17.060	3097990	20.0
Cyclohexadecane	21.148	4.3	ng	1346530	5	21.483	6219380	20.0
Benzo[e]pyrene	24.442	6.4	ng	1223610	6	24.748	3835960	20.0