LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025547.D
Acq On : 22 Aug 2025 13:32
Operator : CG/JU
Sample : Q2832-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S01

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025547.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.031	12	16	26	rVB	225689	285389	6.19%	0.753%
2	4.937	336	340	350	rVB	41901	57383	1.25%	0.151%
3	5.396	412	418	426	rBV	376434	576053	12.50%	1.521%
4	6.960	674	684	702	rBV	368128	670279	14.55%	1.770%
5	7.778	814	823	834	rBV	720055	1198308	26.01%	3.164%
6	8.913	1009	1016	1024	rBV	246075	426700	9.26%	1.126%
7	10.543	1286	1293	1299	rBV	978487	1760859	38.21%	4.649%
8	10.596	1299	1302	1309	rVB	141296	222700	4.83%	0.588%
9	12.195	1568	1574	1582	rBV	53499	97135	2.11%	0.256%
10	12.413	1606	1611	1617	rVB	42099	70174	1.52%	0.185%
11	12.995	1703	1710	1722	rBV	743857	1131377	24.55%	2.987%
12	13.213	1742	1747	1751	rBV	34673	52363	1.14%	0.138%
13	14.107	1892	1899	1907	rVB2	33675	65419	1.42%	0.173%
14	14.384	1936	1946	1953	rBV	1609900	2421673	52.55%	6.393%
15	14.448	1953	1957	1963	rVB	110264	177044	3.84%	0.467%
16	14.789	2010	2015	2025	rVB	120293	189538	4.11%	0.500%
17	15.448	2121	2127	2137	rBV	152654	252986	5.49%	0.668%
18	15.760	2173	2180	2191	rVB2	132062	236268	5.13%	0.624%
19	15.901	2196	2204	2212	rBV	622864	945382	20.52%	2.496%
20	16.136	2239	2244	2248	rBV7	26076	48636	1.06%	0.128%
21	16.342	2275	2279	2289	rVB4	26732	58050	1.26%	0.153%
22	16.830	2357	2362	2371	rVB	72385	122187	2.65%	0.323%
23	17.001	2388	2391	2400	rVB	71269	114968	2.50%	0.304%
24	17.189	2415	2423	2427	rBV2	1865051	2944492	63.90%	7.773%
25	17.236	2427	2431	2437	rVV	1214900	1762259	38.24%	4.652%
26	17.330	2437	2447	2452	rVV	284540	487044	10.57%	1.286%
27	17.383	2452	2456	2462	rVB2	31755	53977	1.17%	0.142%
28	17.601	2486	2493	2498	rBV	195880	316935	6.88%	0.837%
29	18.095	2572	2577	2579	rBV	116886	149441	3.24%	0.395%
30	18.130	2579	2583	2592	rVB2	498622	873142	18.95%	2.305%
31	18.230	2597	2600	2605	rVB2	55205	81603	1.77%	0.215%
32	18.307	2606	2613	2616	rBV2	191276	350616	7.61%	0.926%
33	18.619	2662	2666	2669	rBV	82033	106991	2.32%	0.282%
34	18.654	2669	2672	2680	rVB2	71548	107946	2.34%	0.285%
35	19.048	2735	2739	2745	rBV2	63856	110194	2.39%	0.291%
36	19.107	2745	2749	2753	rBV4	33899	66765	1.45%	0.176%

LSC Area Percent Report

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Sample : Q2832-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S01

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.189	2759	2763	2771	rVB	76351	130232	2.83%	0.344%
38	19.319	2779	2785	2793	rBV	1749951	2376299	51.57%	6.273%
39	19.454	2805	2808	2815	rVV2	184875	274934	5.97%	0.726%
40	19.666	2839	2844	2845	rBV2	297866	383270	8.32%	1.012%
41	19.695	2845	2849	2859	rVV	1388348	1988422	43.15%	5.249%
42	19.777	2859	2863	2870	rVB3	72225	122447	2.66%	0.323%
43	19.901	2877	2884	2889	rBV	1449094	1905568	41.35%	5.031%
44	20.030	2903	2906	2907	rBV2	58928	65944	1.43%	0.174%
45	20.213	2934	2937	2941	rVB	178555	232063	5.04%	0.613%
46	20.319	2951	2955	2958	rBV	151840	174276	3.78%	0.460%
47	21.001	3068	3071	3077	rVB	136957	177171	3.84%	0.468%
48	21.636	3171	3179	3184	rBV2	2252281	4607892	100.00%	12.165%
49	21.683	3184	3187	3199	rVB	621174	1011767	21.96%	2.671%
50	23.918	3561	3567	3576	rBV	384565	1188690	25.80%	3.138%
51	24.665	3689	3694	3706	rVB2	234762	617783	13.41%	1.631%
52	24.824	3719	3721	3735	rVB	338048	729578	15.83%	1.926%
53	25.007	3742	3752	3759	rBV	1212820	3300058	71.62%	8.712%

Sum of corrected areas: 37878670

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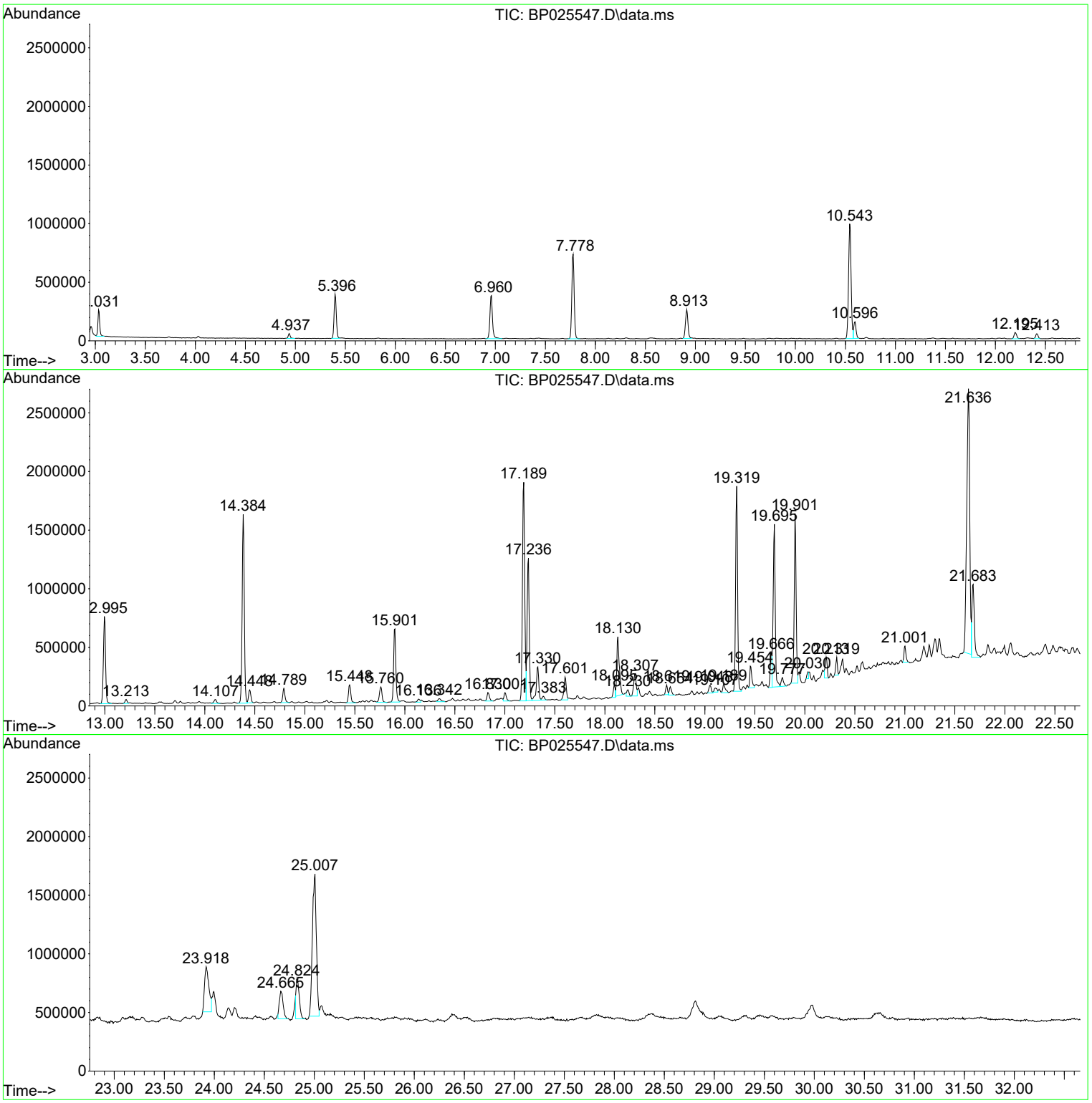
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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\BP082225\
Data File : BP025547.D
Acq On : 22 Aug 2025 13:32
Operator : CG/JU
Sample : Q2832-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S01

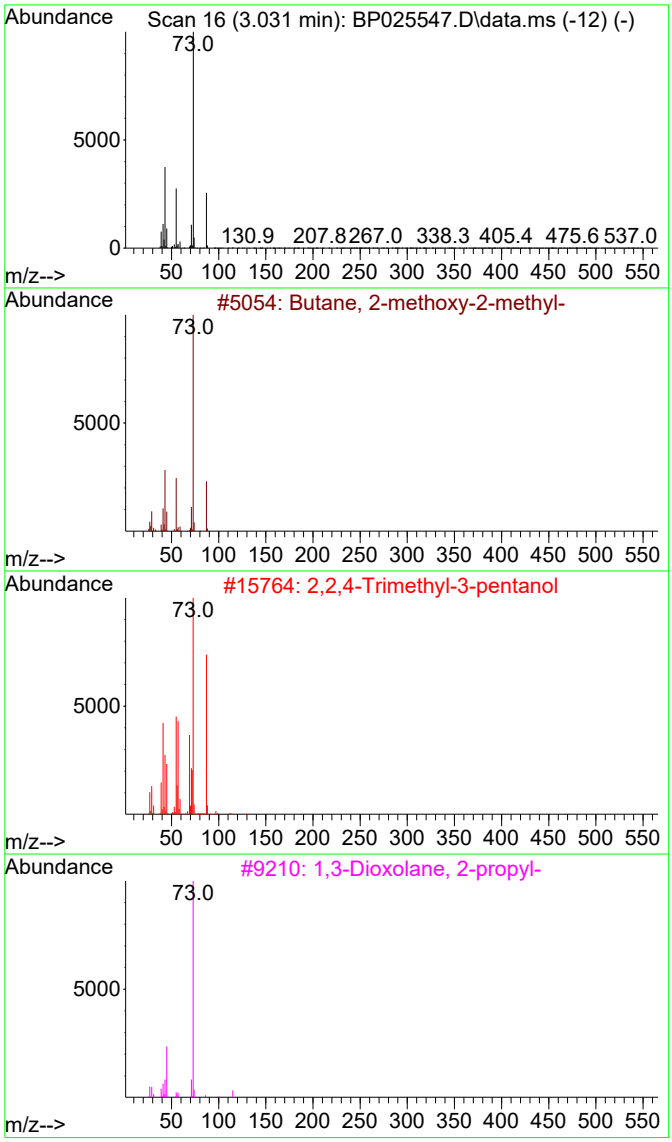
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

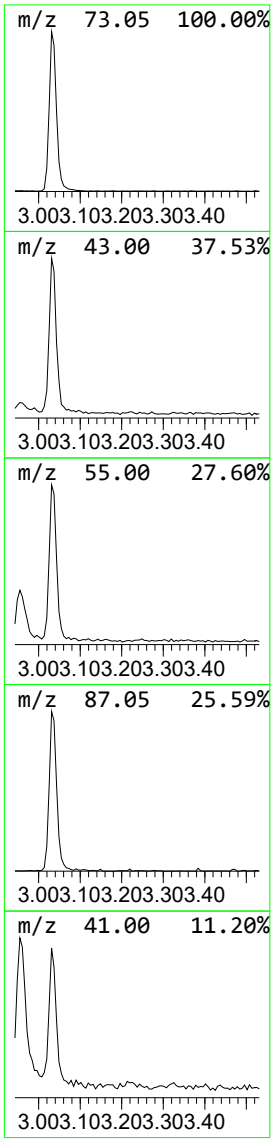
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	4.76 ng	285389	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025547.D
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Sample : Q2832-01 5X
Misc :
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Instrument :
BNA_P
ClientSampleId :
TG-S01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

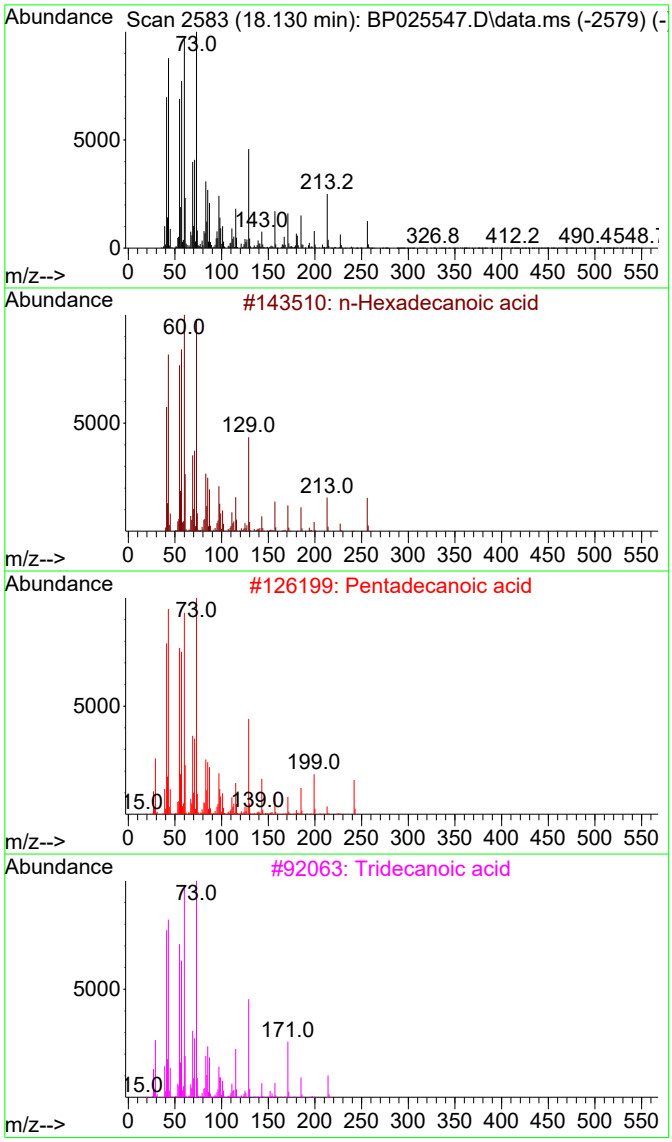
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

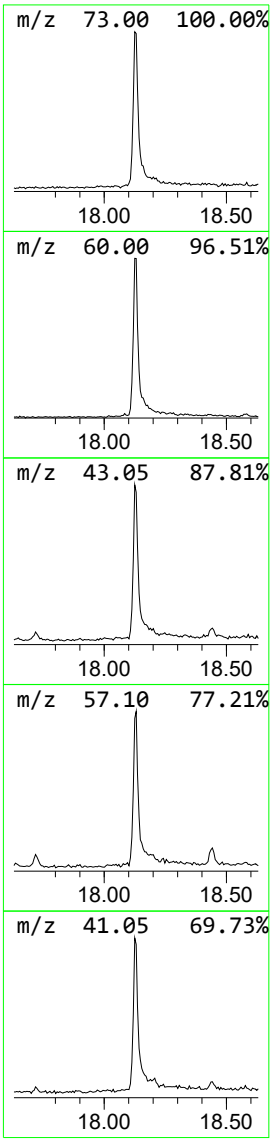
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.130	5.93 ng	873142	Phenanthrene-d10	17.189

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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Data File : BP025547.D
Acq On : 22 Aug 2025 13:32
Operator : CG/JU
Sample : Q2832-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S01

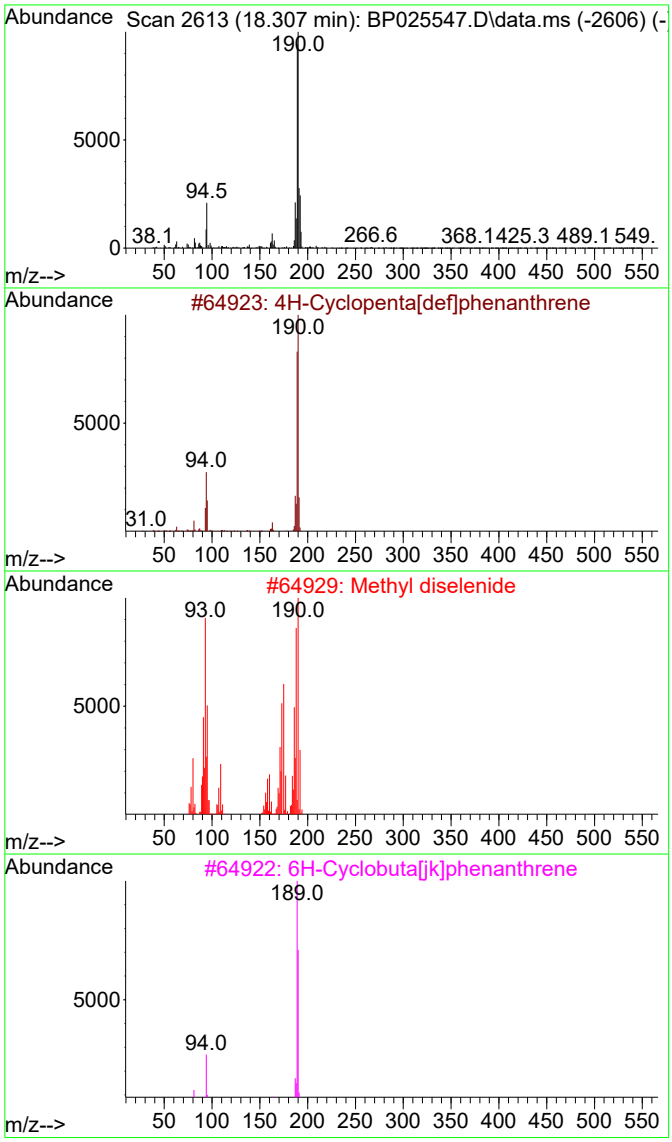
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

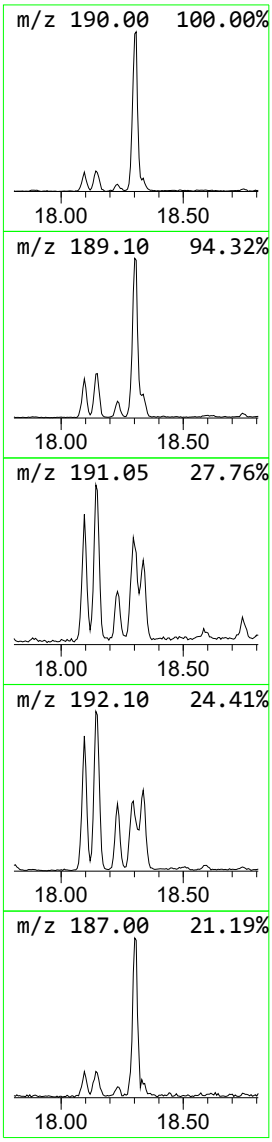
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.307	2.38 ng	350616	Phenanthrene-d10	17.189

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40





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Misc :
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Instrument :
BNA_P
ClientSampleId :
TG-S01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

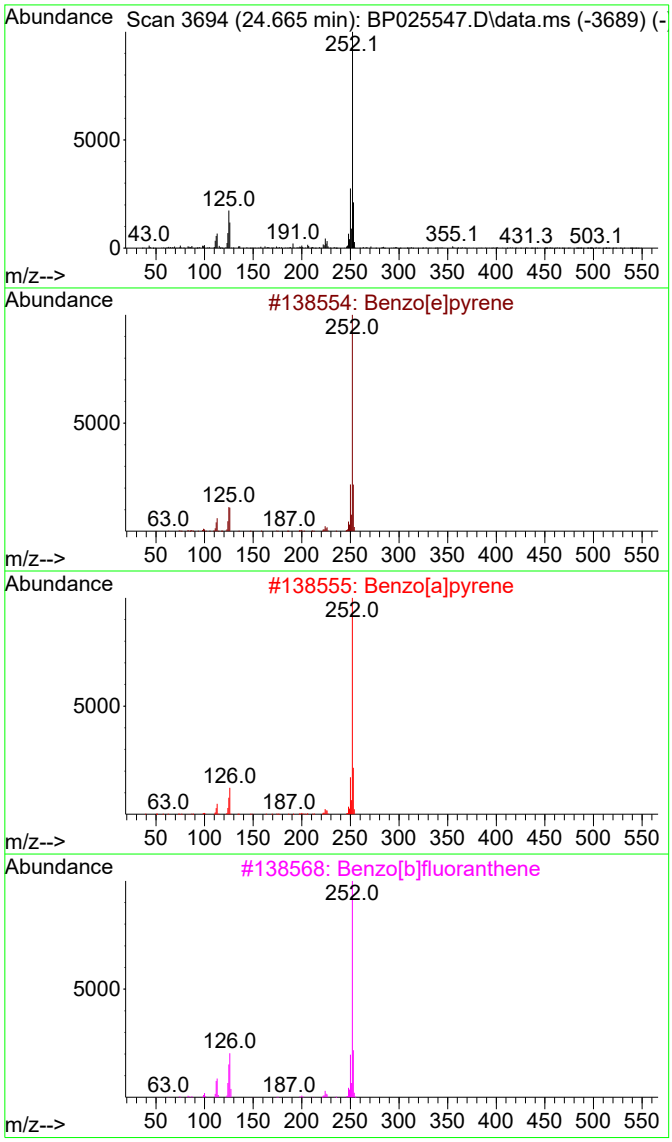
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

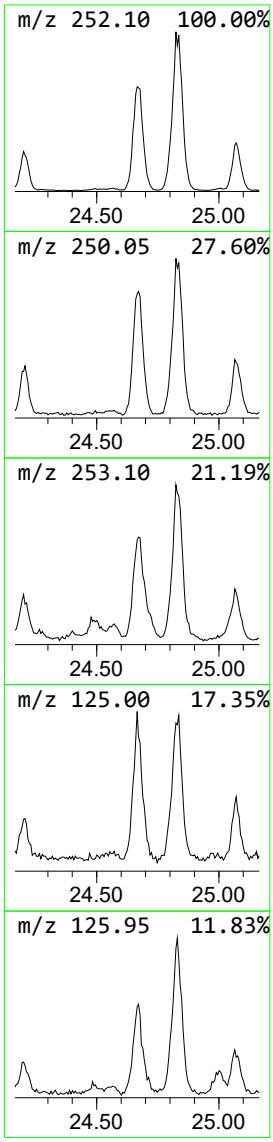
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.665	3.74 ng	617783	Perylene-d12	25.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





Tentatively Identified Compound (LSC) summary

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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...	3.031	4.8	ng	285389	1	7.778	1198310	20.0
n-Hexadecanoic ...	18.130	5.9	ng	873142	4	17.189	2944490	20.0
4H-Cyclopenta[d...	18.307	2.4	ng	350616	4	17.189	2944490	20.0
Benzo[e]pyrene	24.665	3.7	ng	617783	6	25.006	3300060	20.0