LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022024\
Data File : BP019795.D
Acq On : 20 Feb 2024 20:25
Operator : MA/JU
Sample : P1514-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ETGI-343

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-BP013124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019795.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.016	321	328	339	rBV	202728	292879	6.55%	1.022%
2	5.469	398	405	418	rBV	994485	1483546	33.20%	5.179%
3	7.069	669	677	688	rBV	855998	1446215	32.36%	5.049%
4	7.898	811	818	825	rBV	239690	398566	8.92%	1.391%
5	9.063	1008	1016	1028	rBV	563390	998081	22.33%	3.484%
6	10.692	1286	1293	1308	rBV	283965	514816	11.52%	1.797%
7	13.157	1705	1712	1731	rBV	1401713	2287076	51.18%	7.985%
8	14.533	1937	1946	1953	rBV	398340	668588	14.96%	2.334%
9	15.586	2119	2125	2134	rBV2	31970	56109	1.26%	0.196%
10	16.027	2192	2200	2212	rBV	1357532	2215428	49.57%	7.734%
11	17.286	2407	2414	2418	rBV	612679	925600	20.71%	3.231%
12	17.327	2418	2421	2430	rVV	381436	574705	12.86%	2.006%
13	17.421	2433	2437	2442	rVB	74187	110457	2.47%	0.386%
14	17.704	2479	2485	2498	rVB2	27934	69489	1.55%	0.243%
15	18.157	2554	2562	2563	rBV	54803	74053	1.66%	0.259%
16	18.186	2563	2567	2575	rVB2	300703	502085	11.24%	1.753%
17	18.280	2580	2583	2588	rVV	31221	48039	1.07%	0.168%
18	18.345	2588	2594	2597	rVV3	90712	161757	3.62%	0.565%
19	18.374	2597	2599	2607	rVB	36622	54655	1.22%	0.191%
20	18.639	2640	2644	2648	rBV	39178	55477	1.24%	0.194%
21	18.686	2648	2652	2657	rVB2	51485	73436	1.64%	0.256%
22	19.039	2708	2712	2717	rBV	38279	63077	1.41%	0.220%
23	19.180	2731	2736	2743	rBV2	46830	81038	1.81%	0.283%
24	19.298	2749	2756	2763	rBV	1090934	1432090	32.05%	5.000%
25	19.416	2770	2776	2785	rBV5	109550	178638	4.00%	0.624%
26	19.621	2806	2811	2812	rBV	152987	197786	4.43%	0.691%
27	19.651	2812	2816	2824	rVV	869188	1200820	26.87%	4.192%
28	19.715	2824	2827	2834	rVB2	48417	80218	1.80%	0.280%
29	19.851	2841	2850	2863	rBV	3356325	4468847	100.00%	15.602%
30	19.974	2865	2871	2877	rVB3	78243	181463	4.06%	0.634%
31	20.098	2888	2892	2893	rBV2	64504	78783	1.76%	0.275%
32	20.133	2895	2898	2903	rVB	120886	167714	3.75%	0.586%
33	20.233	2911	2915	2918	rBV2	82685	106629	2.39%	0.372%
34	20.286	2919	2924	2928	rVV2	107668	170818	3.82%	0.596%
35	20.421	2944	2947	2951	rBV	62658	82389	1.84%	0.288%
36	20.468	2952	2955	2960	rVB3	58939	82165	1.84%	0.287%

LSC Area Percent Report

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Data File : BP019795.D
Acq On : 20 Feb 2024 20:25
Operator : MA/JU
Sample : P1514-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ETGI-343

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-BP013124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.868	3019	3023	3028	rVB	124396	163229	3.65%	0.570%
38	21.027	3047	3050	3054	rVB2	75794	92301	2.07%	0.322%
39	21.068	3054	3057	3059	rVV	82201	94318	2.11%	0.329%
40	21.104	3059	3063	3069	rVV2	294687	431030	9.65%	1.505%
41	21.157	3070	3072	3081	rVB	98317	132373	2.96%	0.462%
42	21.374	3103	3109	3113	rBV2	1028213	2073522	46.40%	7.239%
43	21.415	3113	3116	3128	rVB	557141	764100	17.10%	2.668%
44	23.062	3390	3396	3401	rBV	444313	1086553	24.31%	3.793%
45	23.580	3479	3484	3493	rVB	237733	497410	11.13%	1.737%
46	23.686	3497	3502	3509	rVB	290923	565784	12.66%	1.975%
47	23.798	3514	3521	3527	rBV	565277	1159410	25.94%	4.048%

Sum of corrected areas: 28643562

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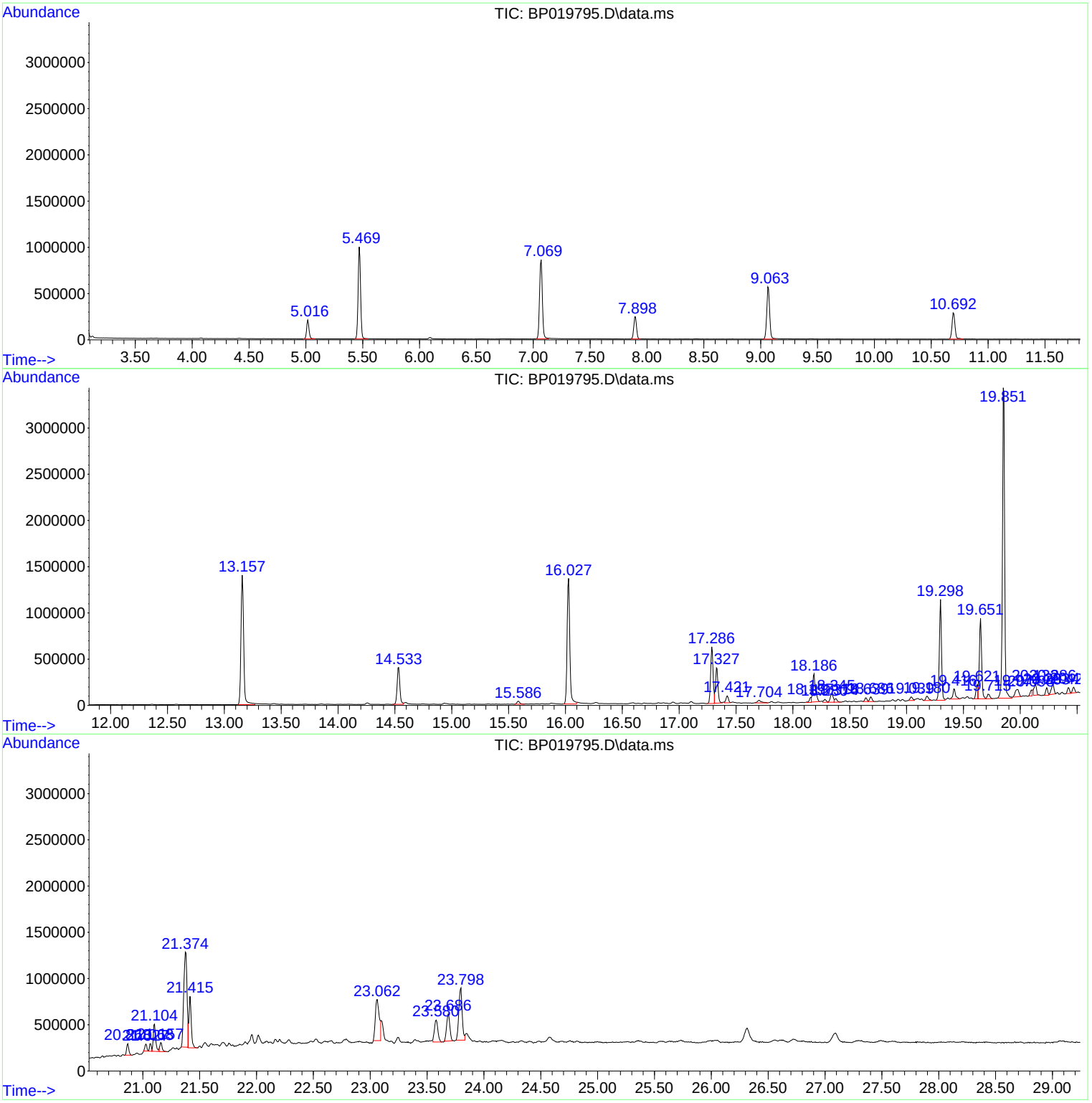
Operator : MA/JU
Sample : P1514-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ETGI-343

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.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\BP022024\
Data File : BP019795.D
Acq On : 20 Feb 2024 20:25
Operator : MA/JU
Sample : P1514-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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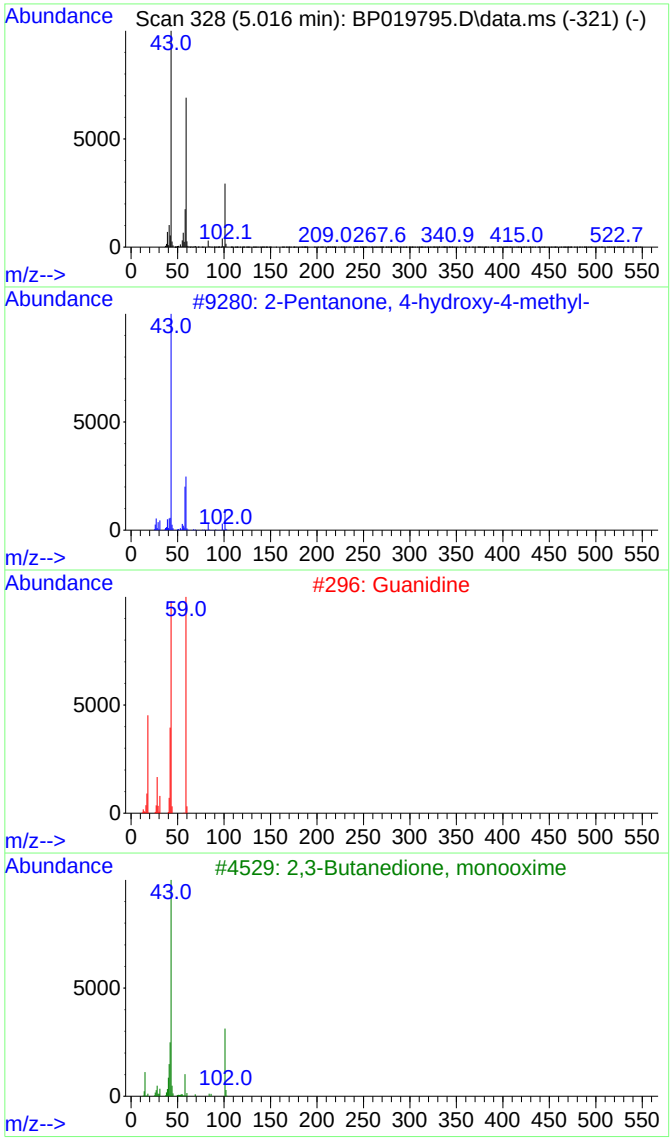
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

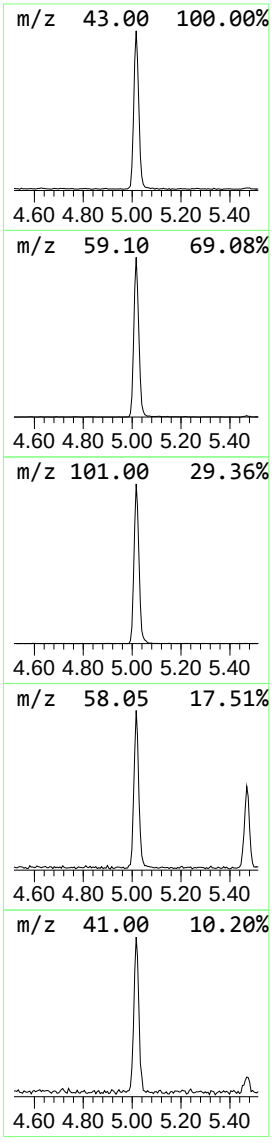
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.016	14.70 ng	292879	1,4-Dichlorobenzene-d4	7.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Guanidine	59	CH5N3	000113-00-8	43
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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Data File : BP019795.D
Acq On : 20 Feb 2024 20:25
Operator : MA/JU
Sample : P1514-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ETGI-343

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

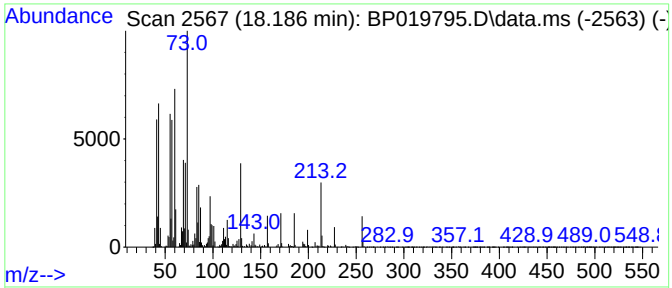
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

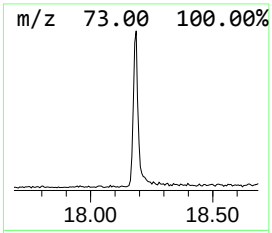
****

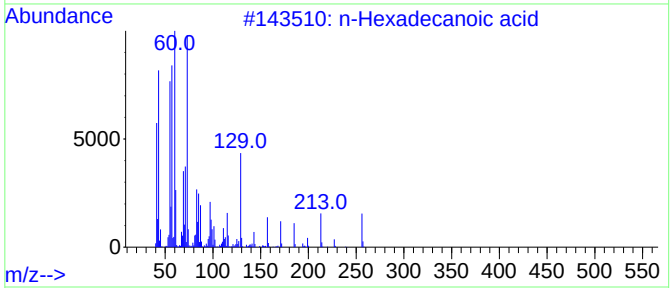
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

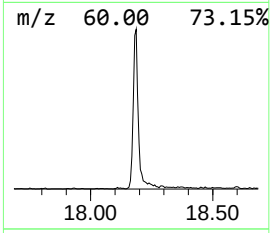
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	10.85 ng	502085	Phenanthrene-d10	17.286

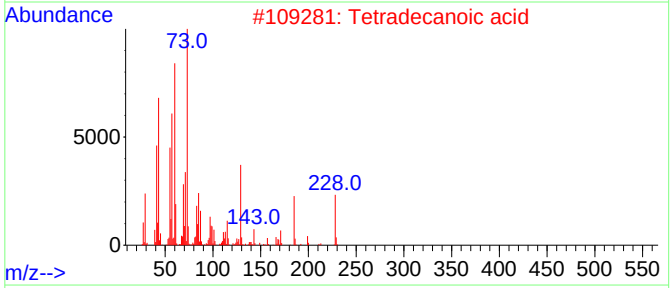
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Octadecanoic acid	284	C18H36O2	000057-11-4	74

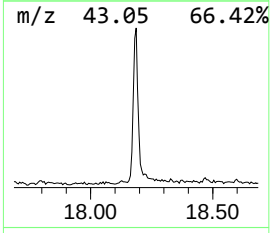


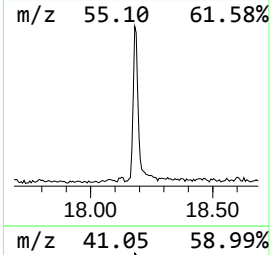


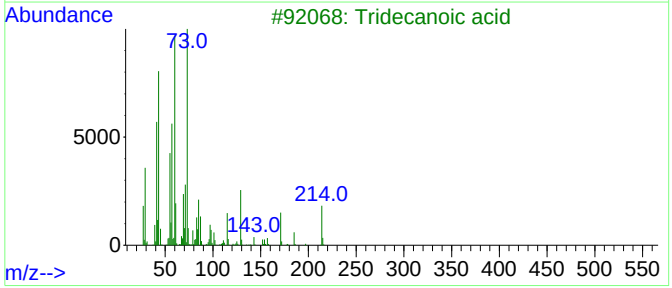


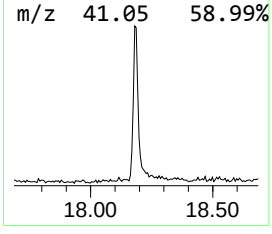












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022024\
Data File : BP019795.D
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ETGI-343

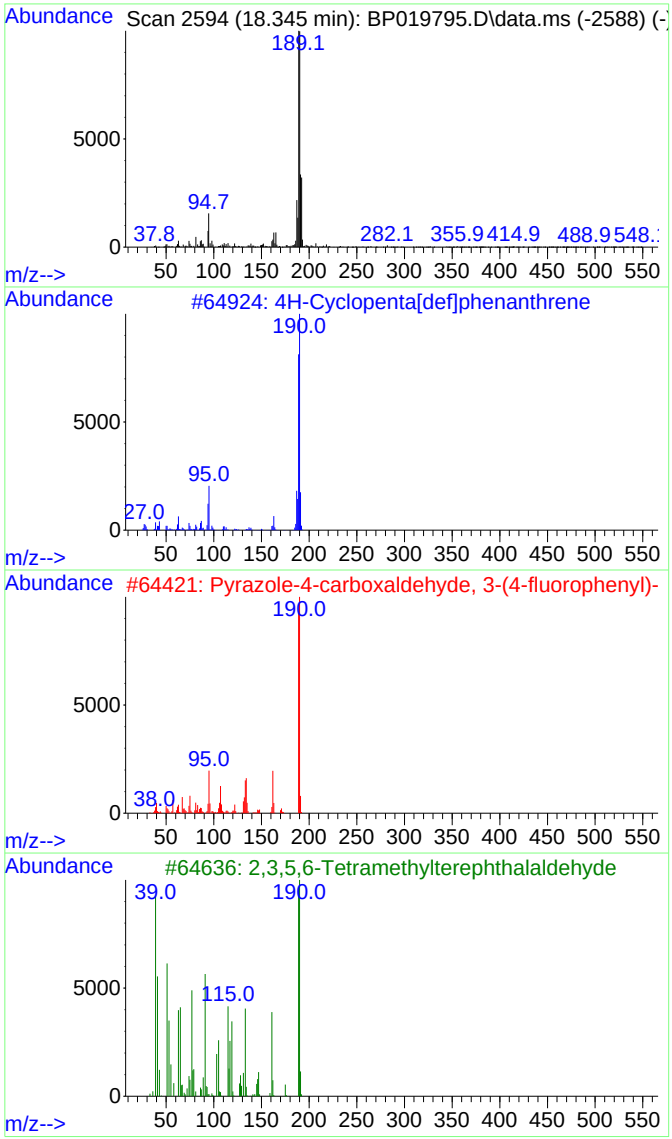
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

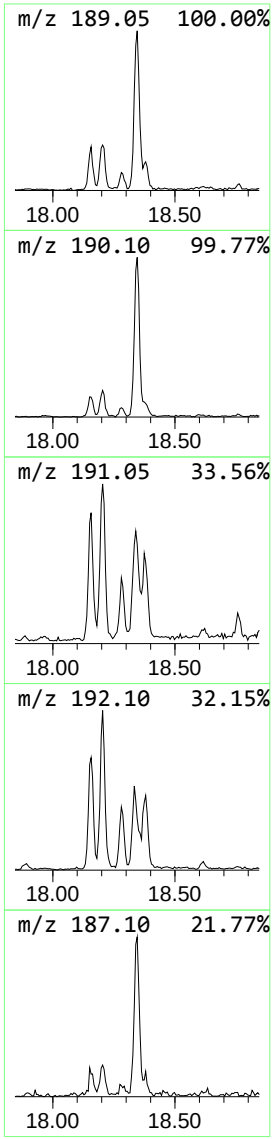
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	3.50 ng	161757	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	Pyrimidine, 6-oxo-4-(3-fluorophe...	190	C10H7FN2O	085979-55-1	32





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Data File : BP019795.D
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Sample : P1514-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

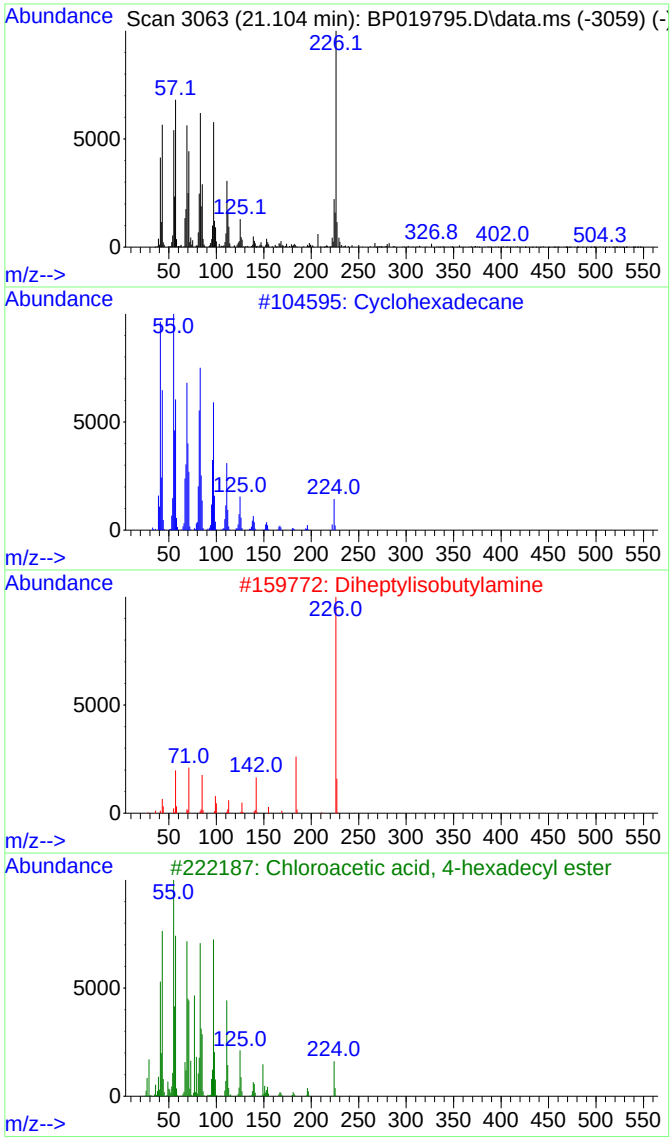
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

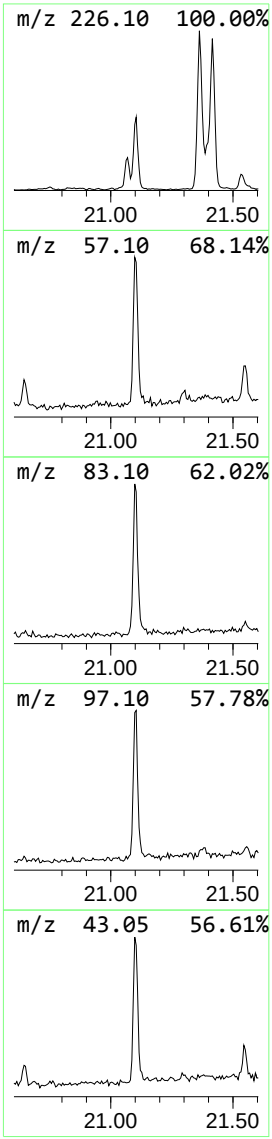
****

Peak Number 4 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.104	4.16 ng	431030	Chrysene-d12	21.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	50
2	Diheptylisobutylamine	269	C18H39N	1000310-32-0	38
3	Chloroacetic acid, 4-hexadecyl e...	318	C18H35ClO2	1000282-93-2	38
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	38
5	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	38





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

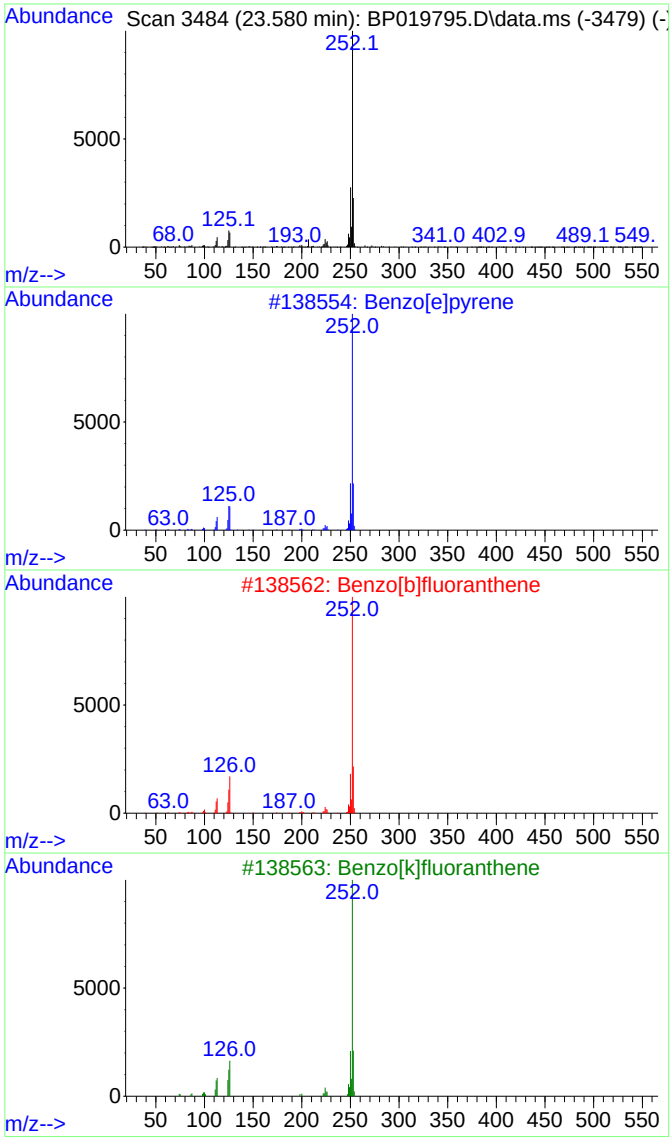
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

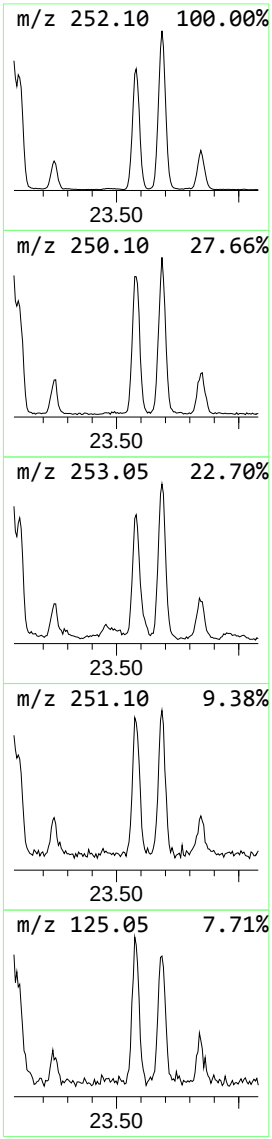
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.580	8.58 ng	497410	Perylene-d12	23.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022024\
Data File : BP019795.D
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.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-...	5.016	14.7	ng	292879	1	7.898	398566	20.0
n-Hexadecanoic ...	18.186	10.9	ng	502085	4	17.286	925600	20.0
4H-Cyclopenta[d...	18.345	3.5	ng	161757	4	17.286	925600	20.0
Cyclohexadecane	21.104	4.2	ng	431030	5	21.380	2073520	20.0
Benzo[e]pyrene	23.580	8.6	ng	497410	6	23.798	1159410	20.0