LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034327.D
Acq On : 23 Mar 2022 01:28
Operator : CG/JU
Sample : N1962-08 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-21-21-23

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_M\Methods\8270-BM031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM034327.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.496	378	384	392	rBV	575457	868490	3.04%	1.319%
2	7.096	648	656	666	rBV	556602	892301	3.13%	1.355%
3	7.937	792	799	807	rBV	590203	938379	3.29%	1.425%
4	9.096	990	996	1011	rBV	317513	557291	1.95%	0.846%
5	10.748	1268	1277	1283	rBV	743959	1271585	4.46%	1.931%
6	13.207	1688	1695	1703	rBV	823473	1234855	4.33%	1.875%
7	14.578	1920	1928	1934	rBV	1093631	1583185	5.55%	2.404%
8	16.060	2174	2180	2189	rBV	668290	971240	3.40%	1.475%
9	17.319	2387	2394	2398	rBV	1208659	1789448	6.27%	2.717%
10	17.360	2398	2401	2408	rVV	876337	1182668	4.14%	1.796%
11	17.448	2408	2416	2423	rVB	174597	288284	1.01%	0.438%
12	18.389	2570	2576	2580	rBV2	165548	293455	1.03%	0.446%
13	19.371	2737	2743	2748	rBV	1263971	1672528	5.86%	2.540%
14	19.730	2795	2804	2813	rBV	1096799	1866866	6.54%	2.835%
15	19.930	2826	2838	2845	rBV	1855684	4261819	14.94%	6.472%
16	20.095	2850	2866	2867	rBV	3677991	10858274	38.05%	16.489%
17	20.207	2874	2885	2894	rBV	9049039	28535576	100.00%	43.332%
18	21.489	3096	3103	3106	rBV2	1574443	2709768	9.50%	4.115%
19	21.524	3106	3109	3119	rVB	529362	756703	2.65%	1.149%
20	23.165	3383	3388	3394	rBV	351684	837019	2.93%	1.271%
21	23.789	3490	3494	3504	rVB	344117	680257	2.38%	1.033%
22	23.900	3507	3513	3519	rVV2	891717	1803078	6.32%	2.738%

Sum of corrected areas: 65853069

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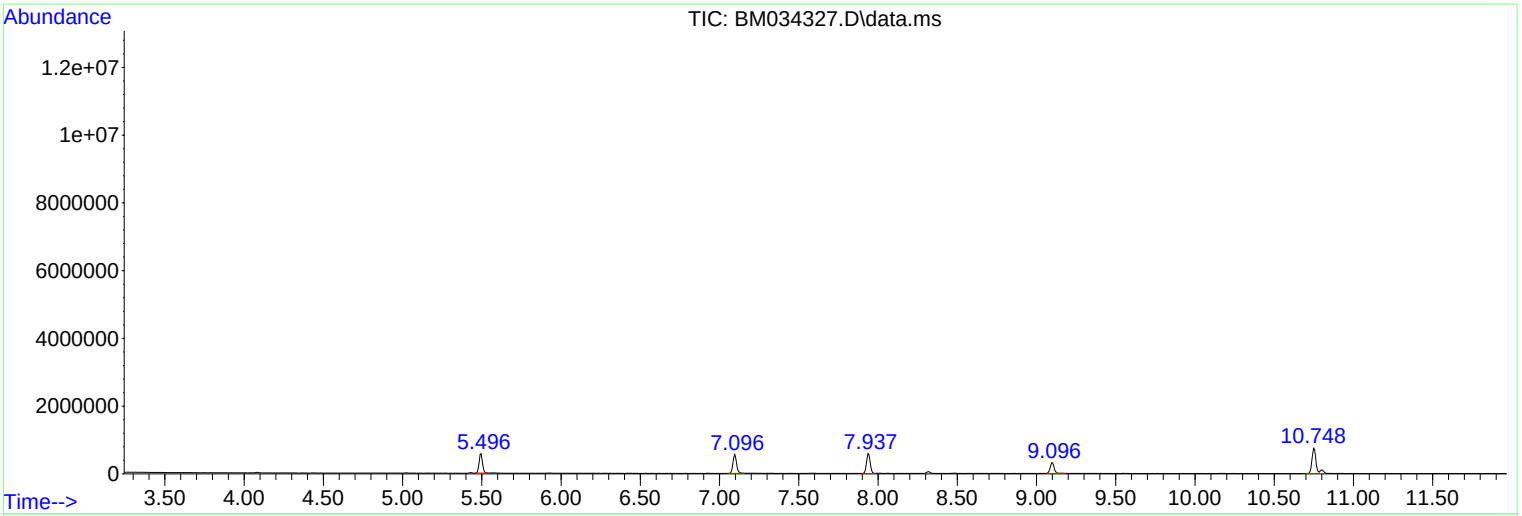
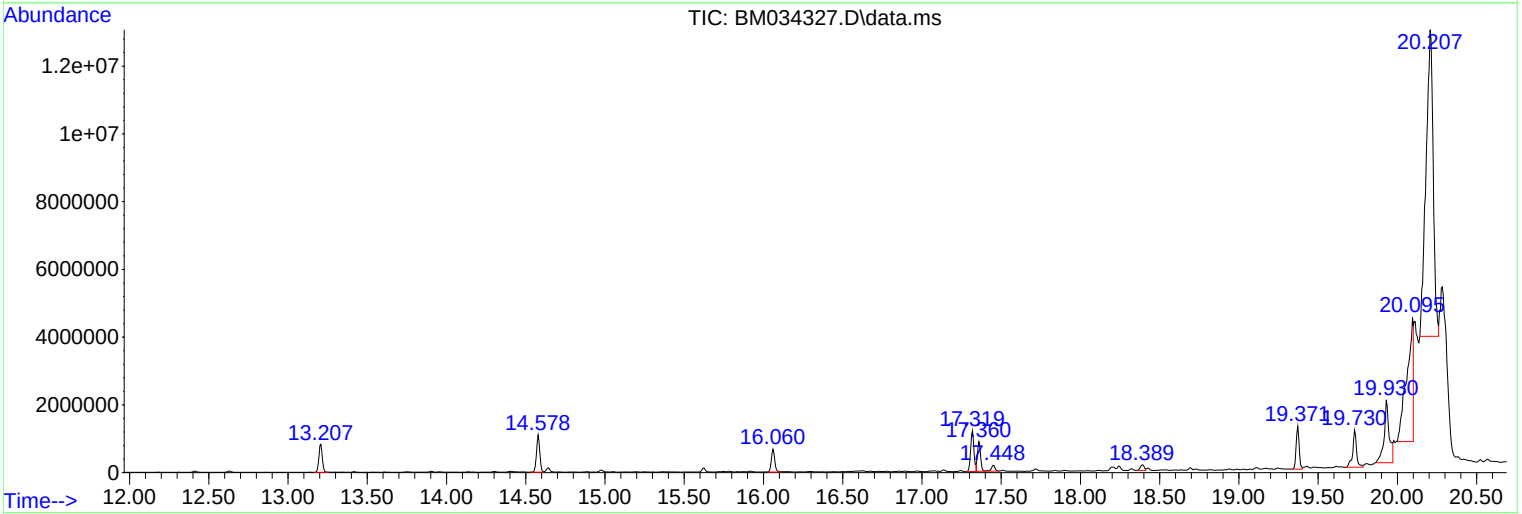
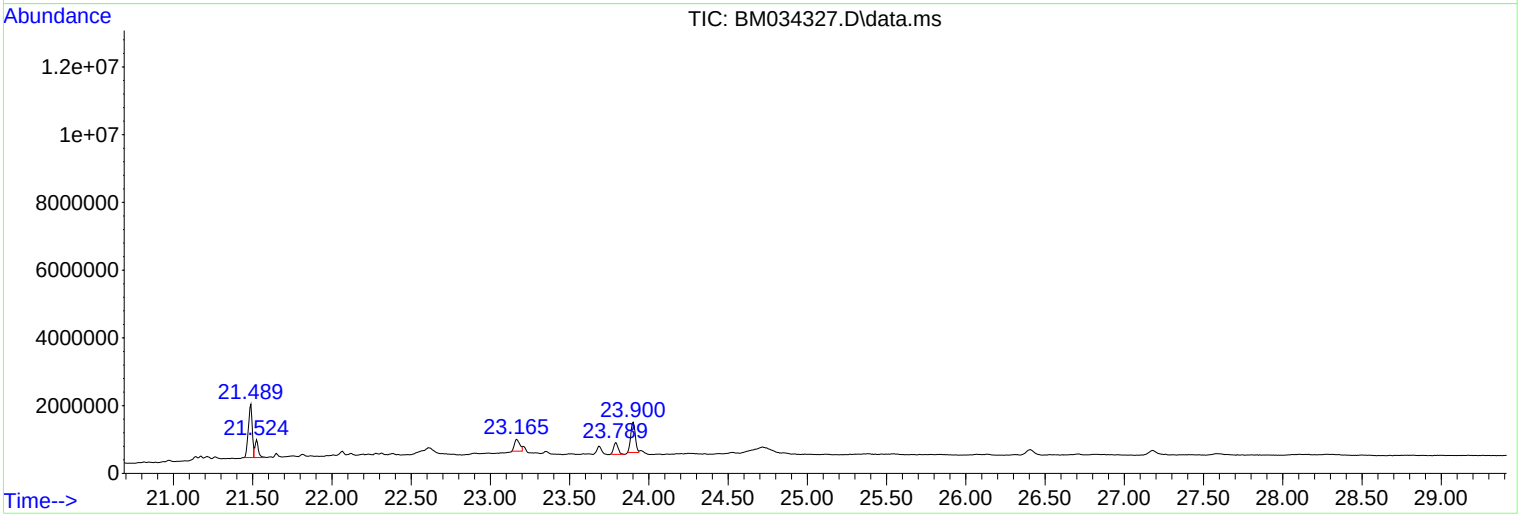
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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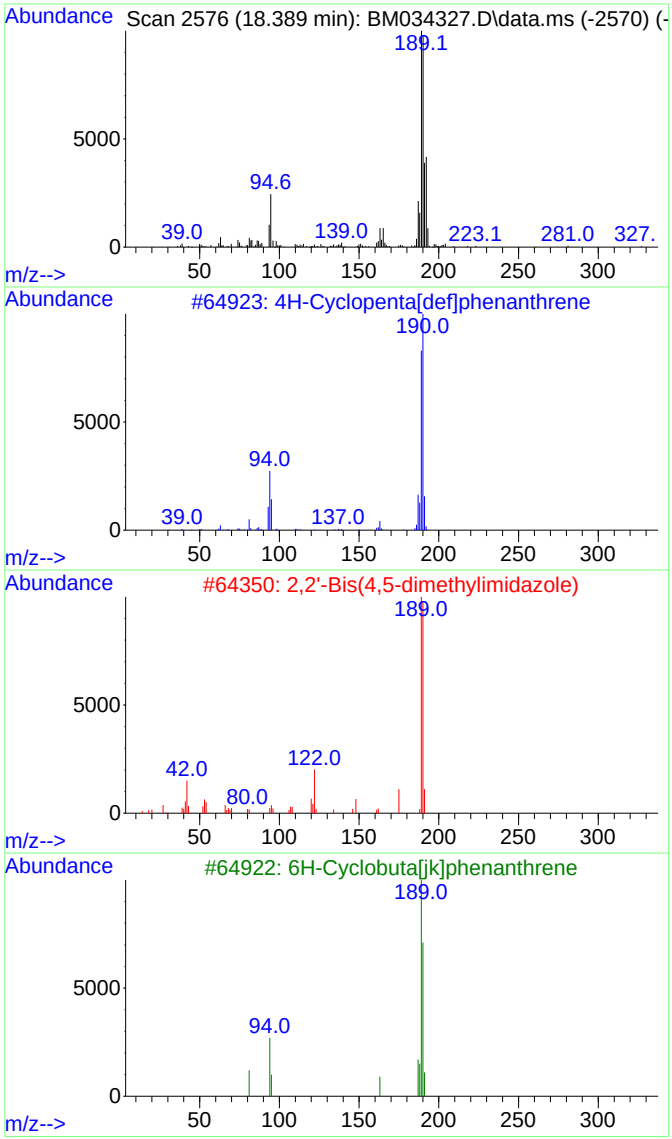
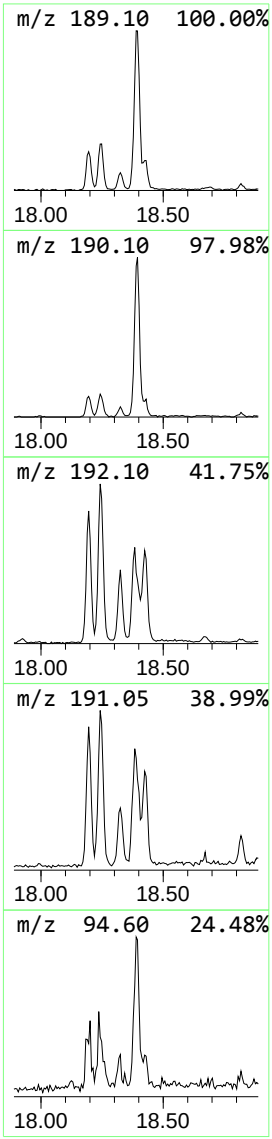
****
Peak Number 1 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.389	3.28 ng	293455	Phenanthrene-d10	17.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	23
5	1-(Phenylethynyl)-1H-1,2,3-benzo...	219	C14H9N3	209912-23-2	22





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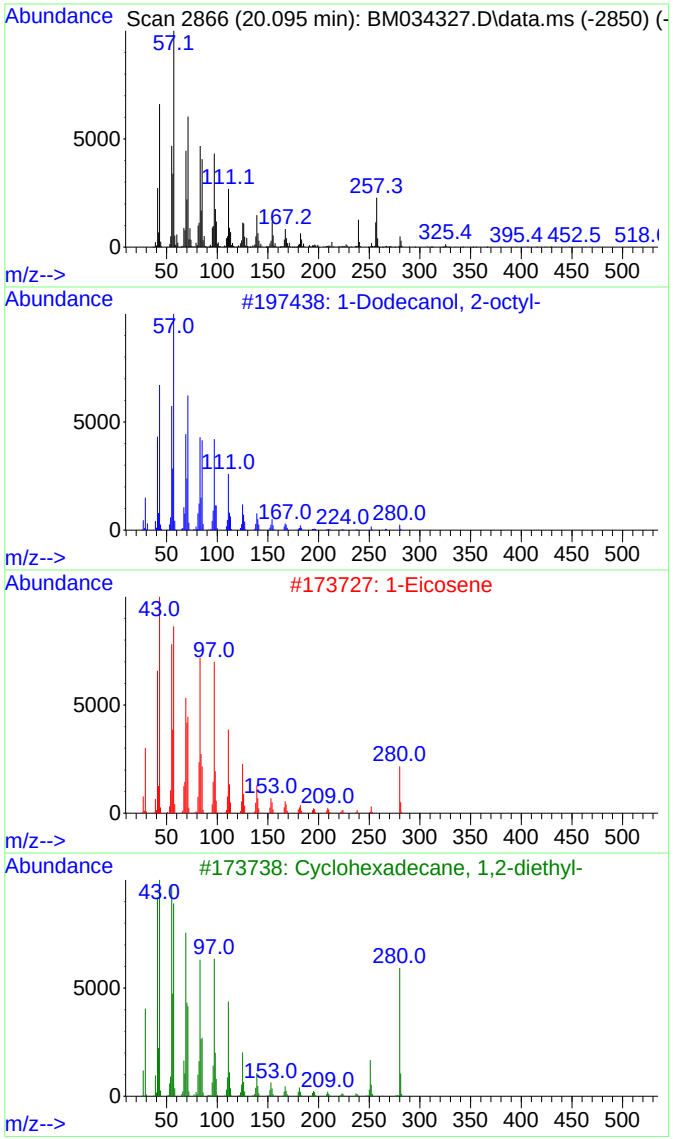
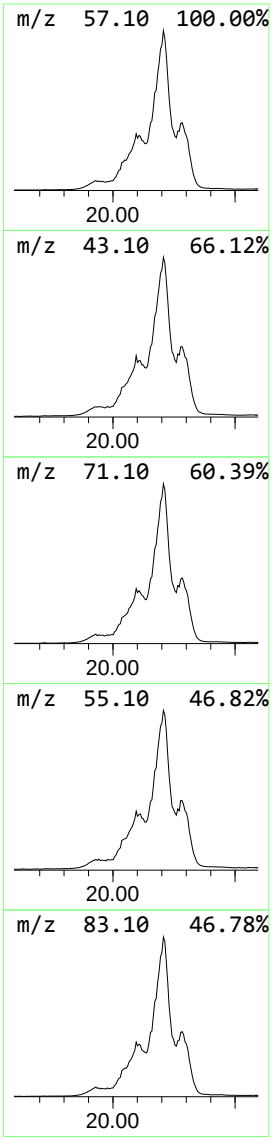
Peak Number 2 1-Dodecanol, 2-octyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.095	80.14 ng	10858300	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	93
2	1-Eicosene	280	C20H40	003452-07-1	91
3	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	87
4	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	76
5	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	76





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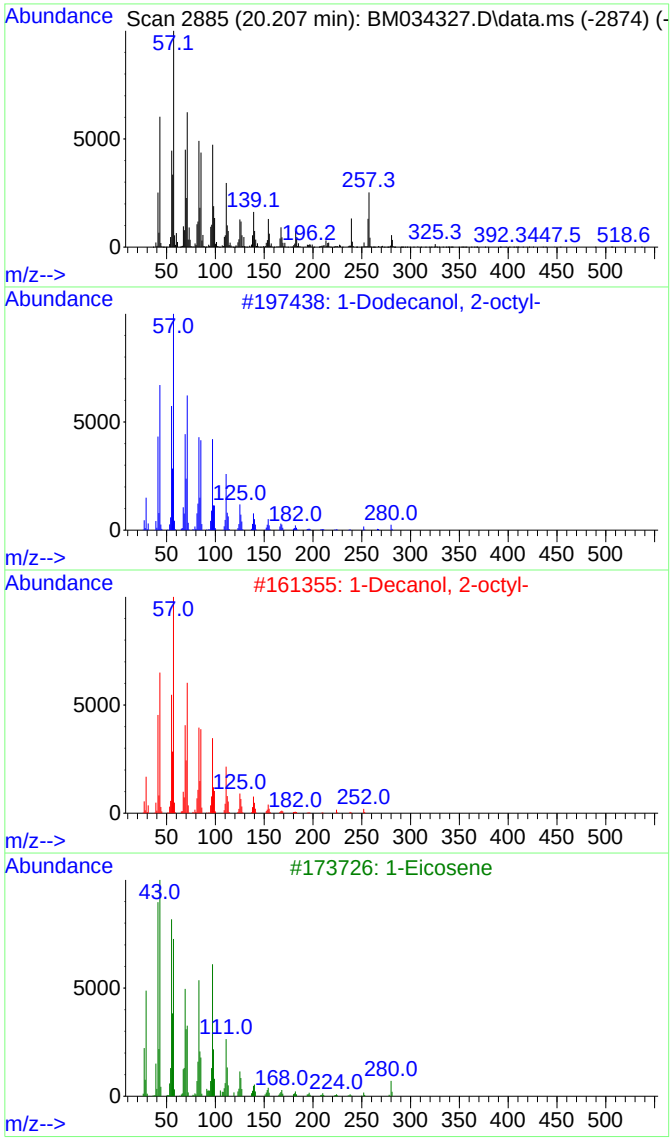
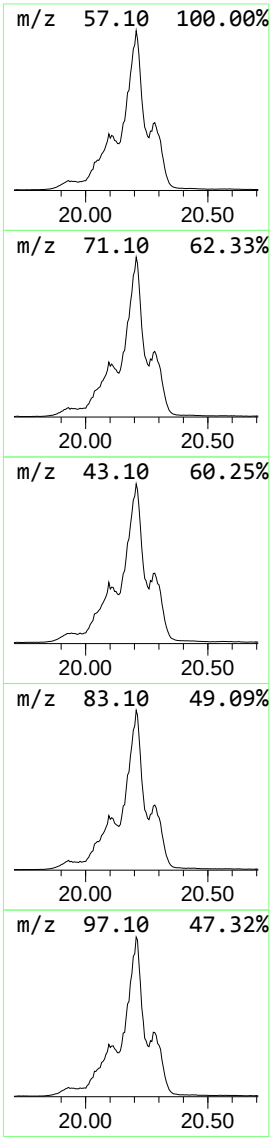
****

Peak Number 3 1-Decanol, 2-octyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.207	210.61 ng	28535600	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	81
2	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	76
3	1-Eicosene	280	C20H40	003452-07-1	70
4	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	68
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	68





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
4H-Cyclopenta[d...	18.389	3.3	ng	293455	4	17.319	1789450	20.0
1-Dodecanol, 2-...	20.095	80.1	ng	10858300	5	21.489	2709770	20.0
1-Decanol, 2-oc...	20.207	210.6	ng	28535600	5	21.489	2709770	20.0