LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051821\
Data File : BP005603.D
Acq On : 18 May 2021 16:44
Operator : CG/JU
Sample : M2366-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JG-SPOILS-5-11-21-B

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-BP050521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005603.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.181	181	186	199	rBV	94943	130892	14.61%	3.281%
2	4.793	281	290	306	rBV	454625	596804	66.63%	14.959%
3	5.269	366	371	374	rBV	15522	26541	2.96%	0.665%
4	6.863	635	642	661	rBV2	48590	107143	11.96%	2.686%
5	7.658	771	777	790	rBV	45764	77115	8.61%	1.933%
6	8.828	969	976	989	rBV	101846	176543	19.71%	4.425%
7	10.451	1244	1252	1270	rBV	49393	93195	10.40%	2.336%
8	12.928	1667	1673	1686	rBV	293314	430920	48.11%	10.801%
9	13.787	1811	1819	1829	rBV2	27956	41769	4.66%	1.047%
10	14.310	1901	1908	1916	rBV2	87788	129416	14.45%	3.244%
11	15.828	2161	2166	2175	rVB5	16246	28791	3.21%	0.722%
12	17.069	2370	2377	2381	rBV	125174	175789	19.63%	4.406%
13	17.110	2381	2384	2391	rVB	27369	41644	4.65%	1.044%
14	17.210	2396	2401	2407	rVB3	5732	10553	1.18%	0.265%
15	17.992	2530	2534	2538	rVB4	6935	10267	1.15%	0.257%
16	18.133	2553	2558	2561	rBV3	8911	14314	1.60%	0.359%
17	18.657	2640	2647	2651	rBV10	10101	17511	1.96%	0.439%
18	18.851	2674	2680	2685	rBV6	6055	12553	1.40%	0.315%
19	19.092	2716	2721	2726	rBV	49506	67953	7.59%	1.703%
20	19.139	2726	2729	2735	rVB2	21289	28511	3.18%	0.715%
21	19.445	2773	2781	2789	rBV	44591	80252	8.96%	2.011%
22	19.645	2809	2815	2824	rBV	790746	895677	100.00%	22.450%
23	19.845	2845	2849	2853	rBV	43593	53406	5.96%	1.339%
24	19.939	2862	2865	2871	rVB3	12678	14912	1.66%	0.374%
25	20.363	2935	2937	2941	rVB	12689	14981	1.67%	0.375%
26	20.427	2946	2948	2953	rVB6	10233	10204	1.14%	0.256%
27	20.886	3022	3026	3034	rVB5	42550	75333	8.41%	1.888%
28	21.174	3069	3075	3079	rBV	223612	304794	34.03%	7.640%
29	21.210	3079	3081	3089	rVB	28174	34711	3.88%	0.870%
30	23.463	3458	3464	3472	rBV	157225	287182	32.06%	7.198%

Sum of corrected areas: 3989676

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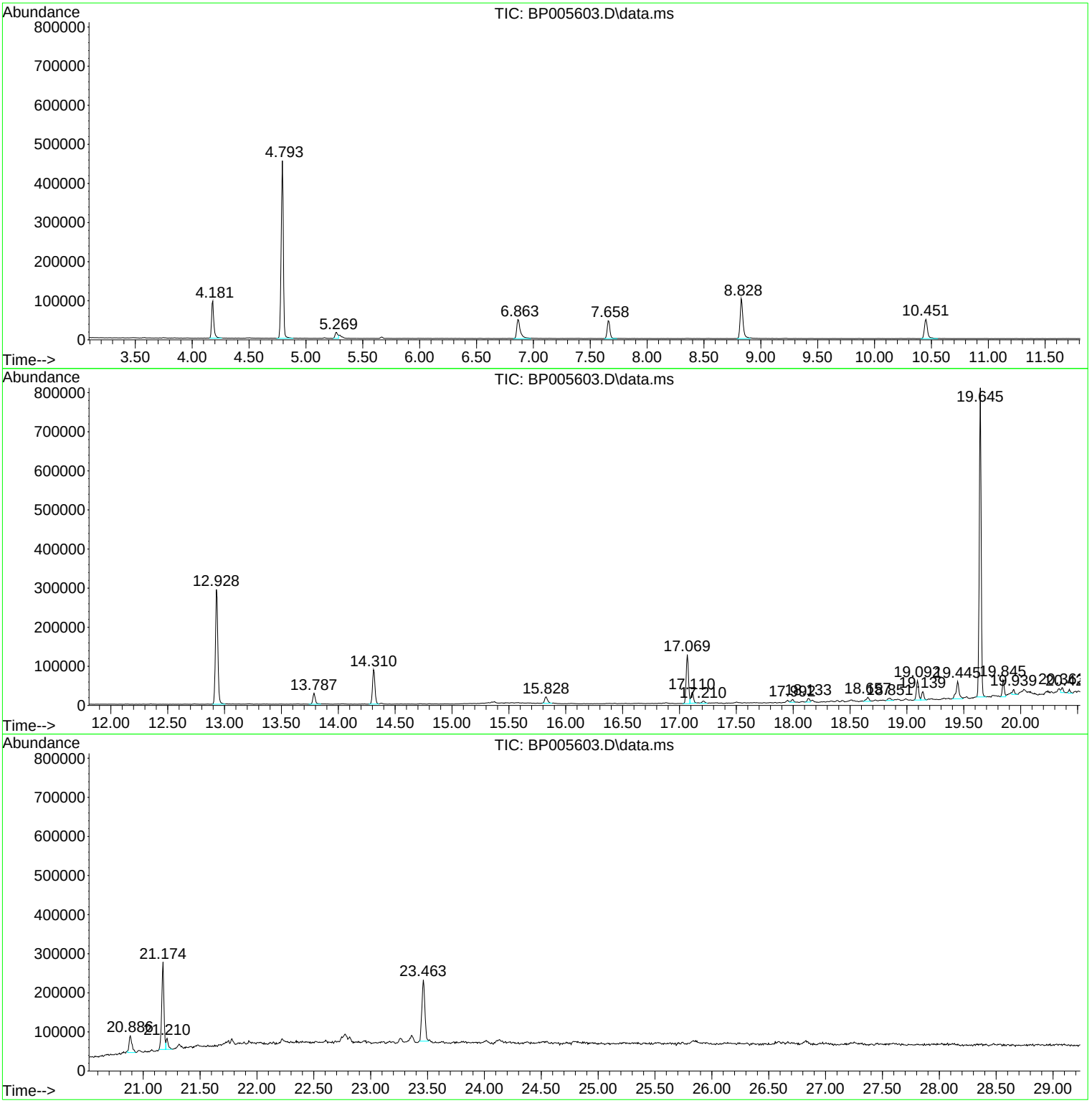
BNA_P
ClientSampleId :
JG-SPOILS-5-11-21-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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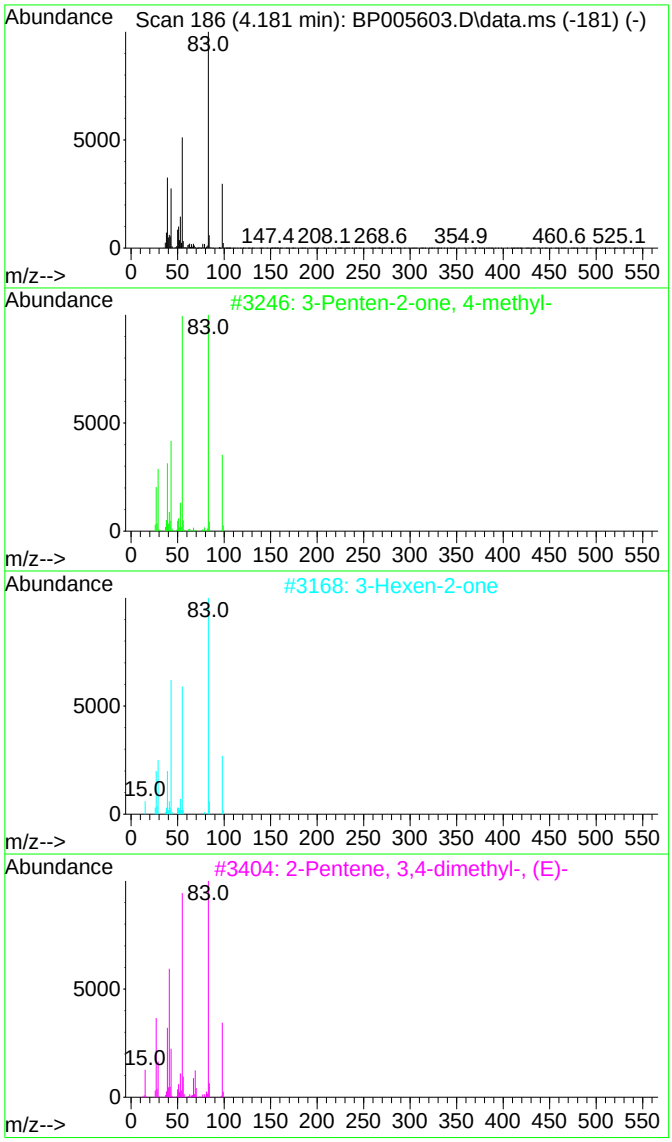
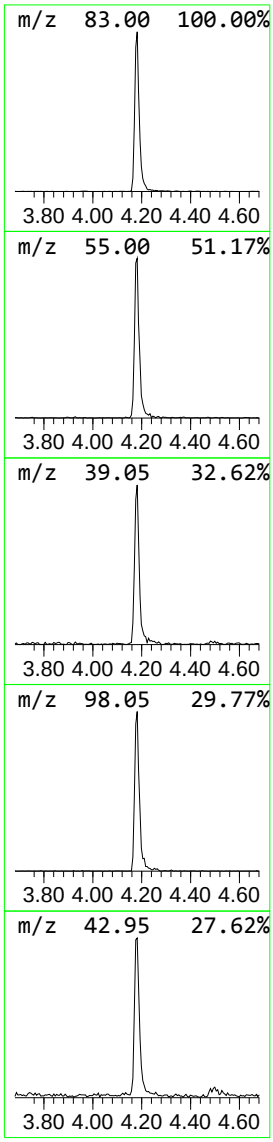
****
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.181	33.95 ng	130892	1,4-Dichlorobenzene-d4	7.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	83
2	3-Hexen-2-one	98	C6H10O	000763-93-9	80
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	72
4	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	72
5	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	72





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Instrument :
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST11.L
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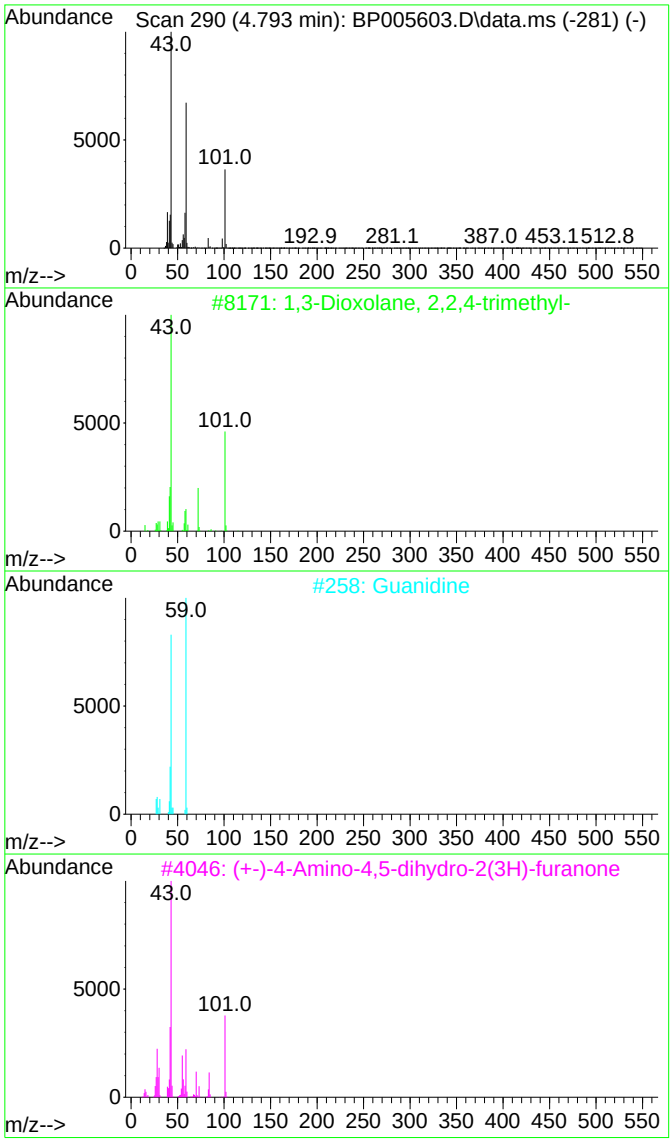
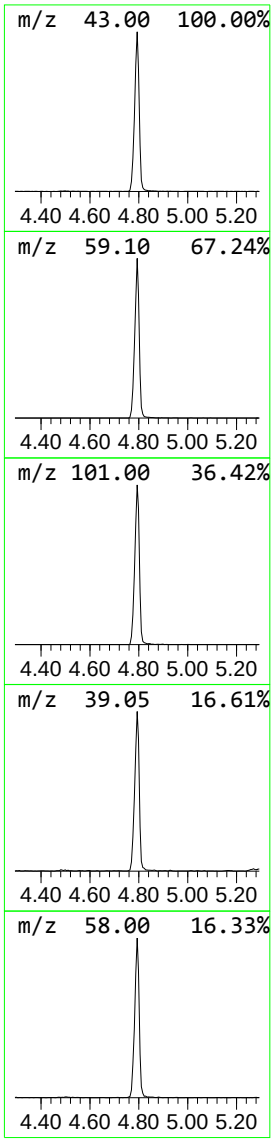
Peak Number 2 unknown4.793 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.793	154.78 ng	596804	1,4-Dichlorobenzene-d4	7.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	40
2	Guanidine	59	CH5N3	000113-00-8	37
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	37
4	Butane	58	C4H10	000106-97-8	22
5	2,3-Dimethyloxirane-2-carboxylic...	130	C6H10O3	1000306-64-4	17





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ClientSampleId :
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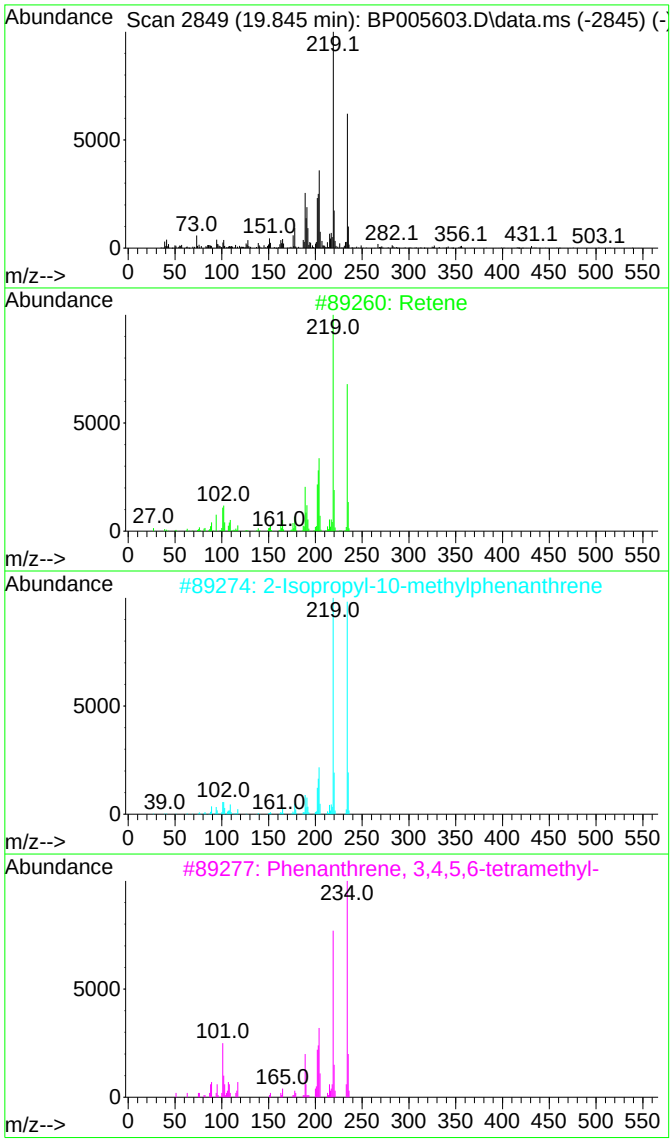
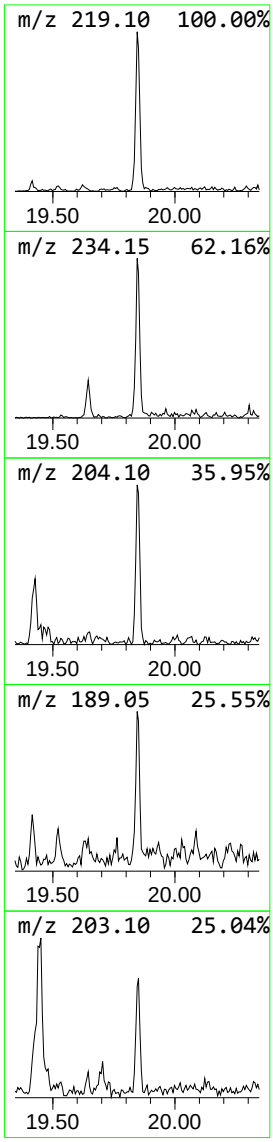
Peak Number 3 Retene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.845	3.50 ng	53406	Chrysene-d12	21.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	96
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	89
4	2,5-Diphenyl-2,4-hexadiene	234	C18H18	016819-47-9	64
5	1-(10-Methylanthracen-9-yl)ethanone	234	C17H14O	036778-18-4	52





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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
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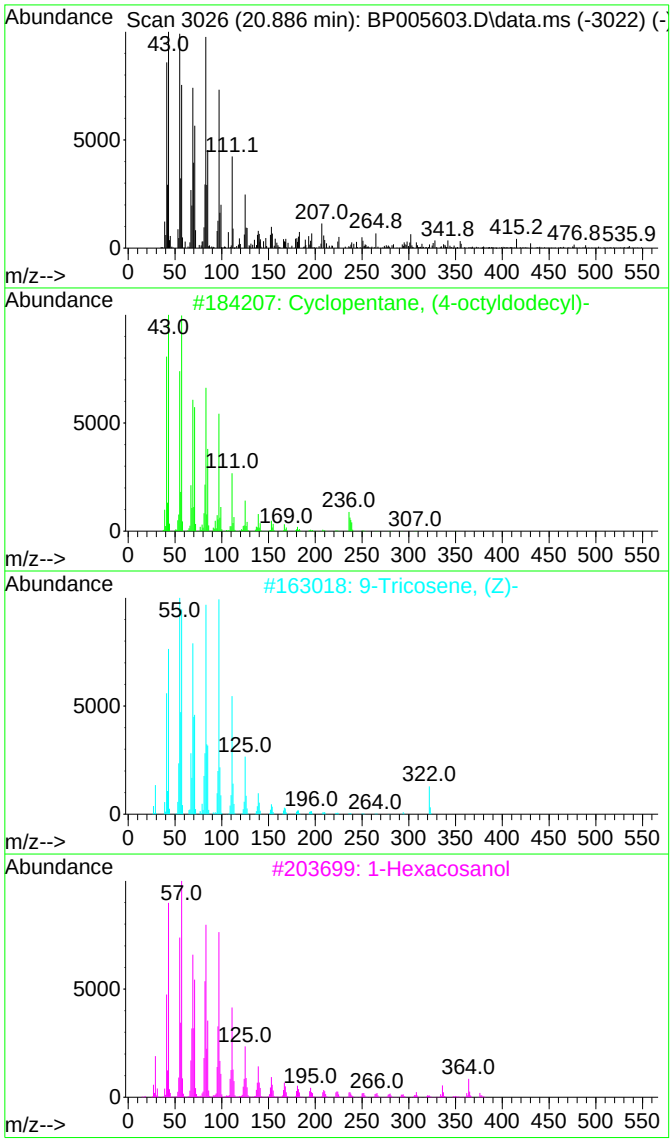
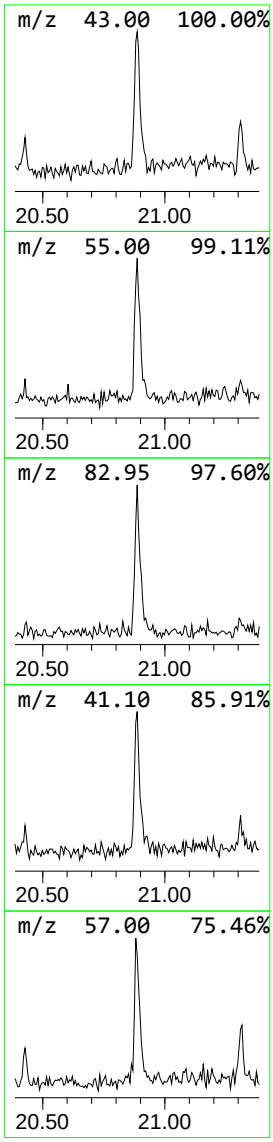
Peak Number 4 Cyclopentane, (4-octyldodec... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.886	4.94 ng	75333	Chrysene-d12	21.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	78
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	76
3	1-Hexacosanol	382	C26H54O	000506-52-5	76
4	1-Docosene	308	C22H44	001599-67-3	70
5	Fumaric acid, pentadecyl pentafl...	492	C25H33F5O4	1000348-10-7	68





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one,...	4.181	34.0	ng	130892	1	7.663	77115	20.0
unknown4.793	4.793	154.8	ng	596804	1	7.663	77115	20.0
Retene	19.845	3.5	ng	53406	5	21.174	304794	20.0
Cyclopentane, (...	20.886	4.9	ng	75333	5	21.174	304794	20.0