LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051821\
Data File : BP005604.D
Acq On : 18 May 2021 17:18
Operator : CG/JU
Sample : M2366-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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: BP005604.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	180	186	200	rBV	25242	35984	3.63%	0.885%
2	4.787	281	289	303	rBV	170840	225516	22.76%	5.549%
3	5.258	363	369	389	rBV	80578	147169	14.85%	3.621%
4	6.863	636	642	656	rBV	110437	207566	20.95%	5.108%
5	7.657	771	777	787	rBV	45804	76465	7.72%	1.882%
6	8.828	970	976	991	rBV	102419	178550	18.02%	4.394%
7	10.451	1245	1252	1267	rBV	48204	89375	9.02%	2.199%
8	12.934	1667	1674	1684	rBV	298860	459913	46.42%	11.317%
9	13.787	1813	1819	1827	rBV	29304	42839	4.32%	1.054%
10	14.310	1902	1908	1914	rBV2	84712	127045	12.82%	3.126%
11	15.369	2080	2088	2093	rVB7	7011	14646	1.48%	0.360%
12	15.816	2153	2164	2174	rBV	138233	220502	22.26%	5.426%
13	17.069	2371	2377	2381	rBV	124606	175553	17.72%	4.320%
14	17.110	2381	2384	2391	rVB	43192	56799	5.73%	1.398%
15	17.204	2394	2400	2411	rVV2	57363	87755	8.86%	2.159%
16	17.945	2522	2526	2528	rBV2	8007	10559	1.07%	0.260%
17	17.992	2528	2534	2538	rVB5	10351	20919	2.11%	0.515%
18	18.133	2553	2558	2562	rVV3	12992	22920	2.31%	0.564%
19	19.092	2715	2721	2726	rBV	47805	66187	6.68%	1.629%
20	19.139	2726	2729	2734	rVB5	12823	17918	1.81%	0.441%
21	19.445	2773	2781	2787	rBV	46921	76429	7.71%	1.881%
22	19.645	2809	2815	2823	rBV	860683	990747	100.00%	24.380%
23	19.845	2846	2849	2855	rVB2	28634	34793	3.51%	0.856%
24	19.939	2861	2865	2869	rVB3	12664	17954	1.81%	0.442%
25	20.886	3022	3026	3033	rVB5	33411	53771	5.43%	1.323%
26	21.174	3069	3075	3079	rBV	218569	304117	30.70%	7.484%
27	21.210	3079	3081	3085	rVB	30211	34047	3.44%	0.838%
28	23.462	3459	3464	3471	rVB2	145715	267723	27.02%	6.588%

Sum of corrected areas: 4063761

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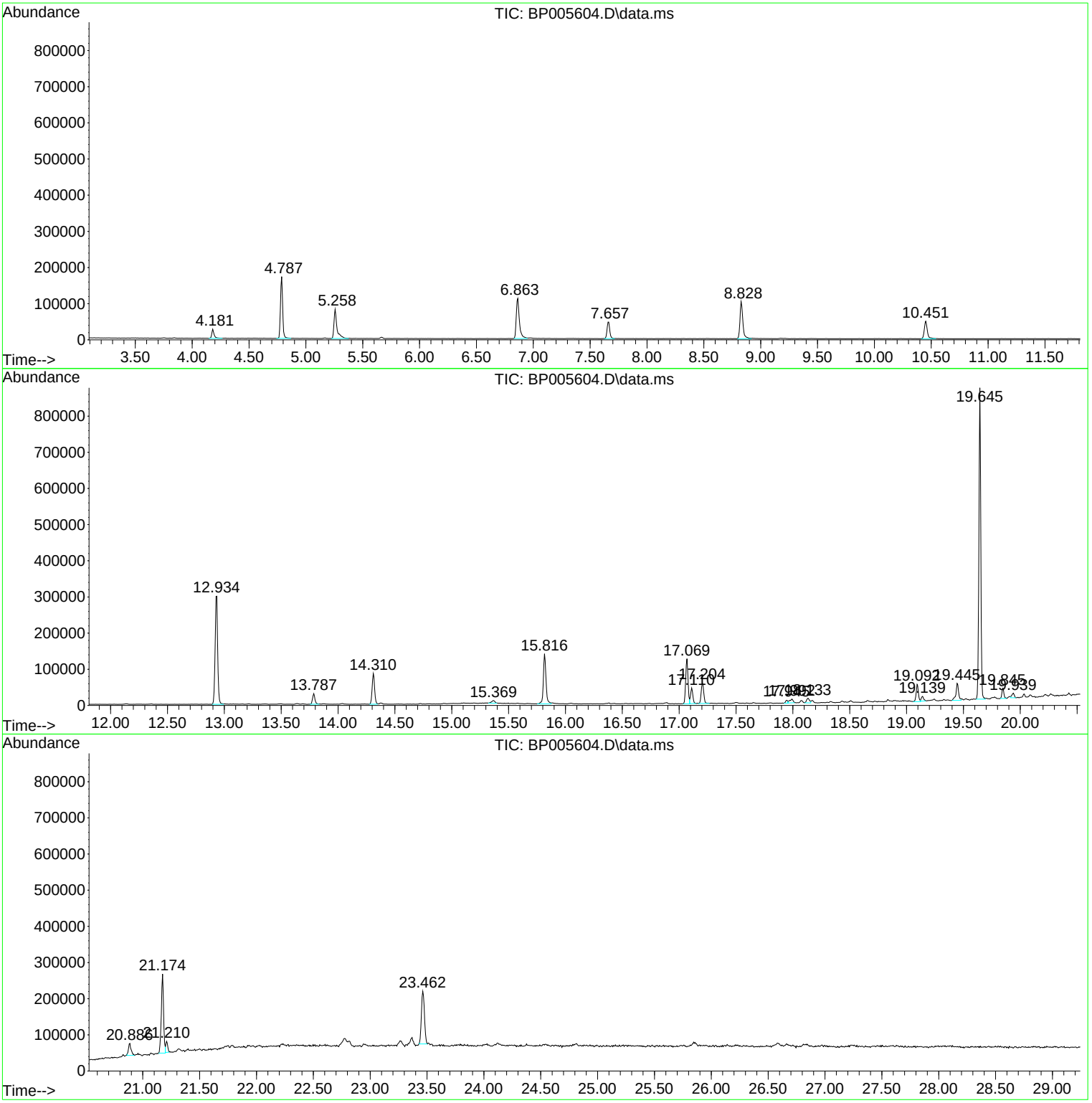
Instrument :
BNA_P
ClientSampleId :
JG-SPOILS-5-11-21-C

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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ClientSampleId :
JG-SPOILS-5-11-21-C

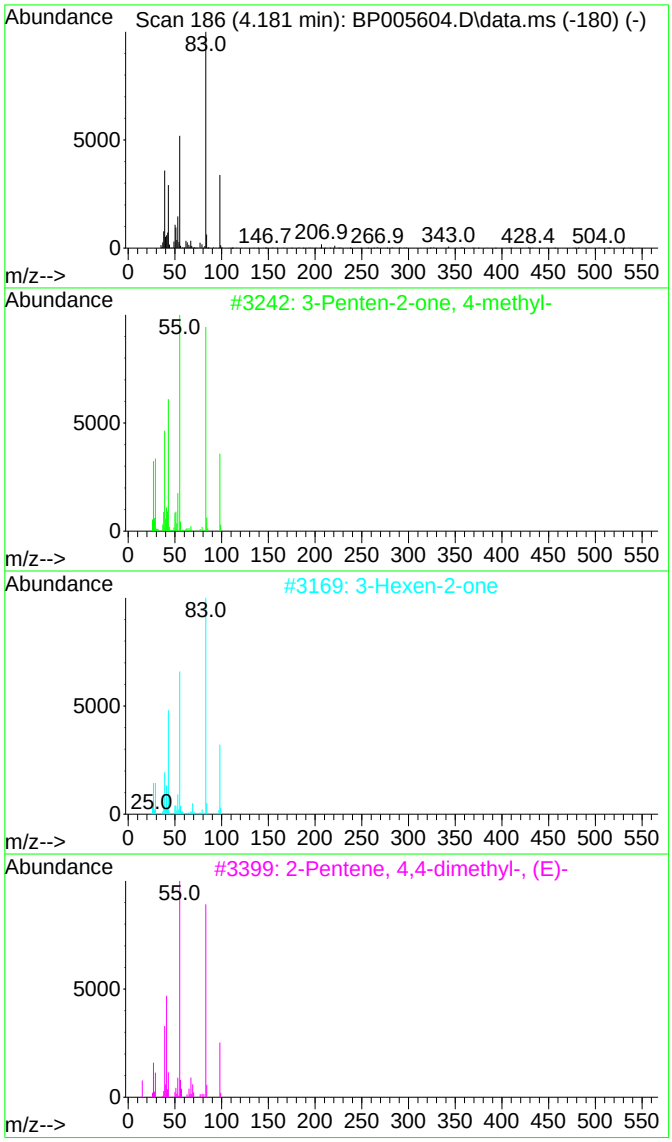
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

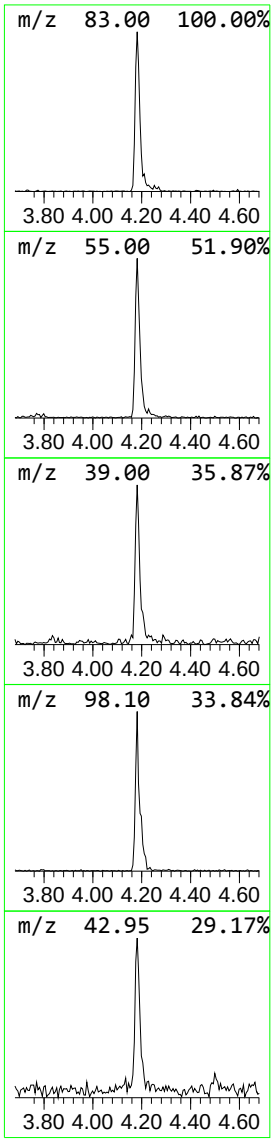
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.181	9.41 ng	35984	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	87
2	3-Hexen-2-one	98	C6H10O	000763-93-9	72
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	64
4	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	64
5	2-Pentyn-1-ol	84	C5H8O	006261-22-9	64





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Sample : M2366-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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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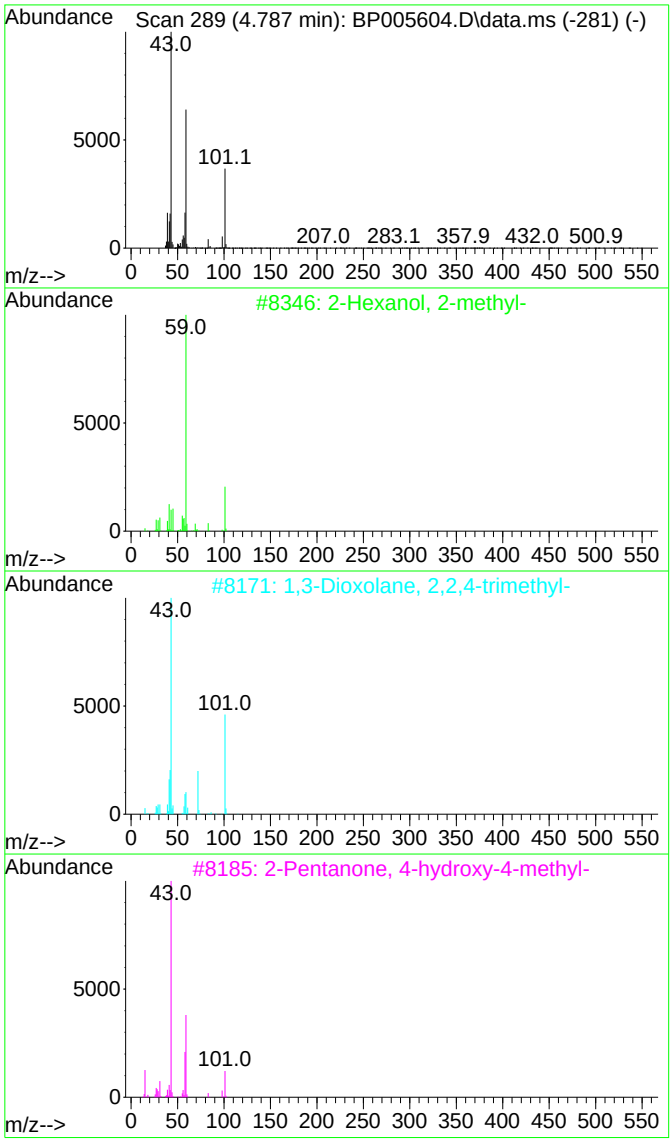
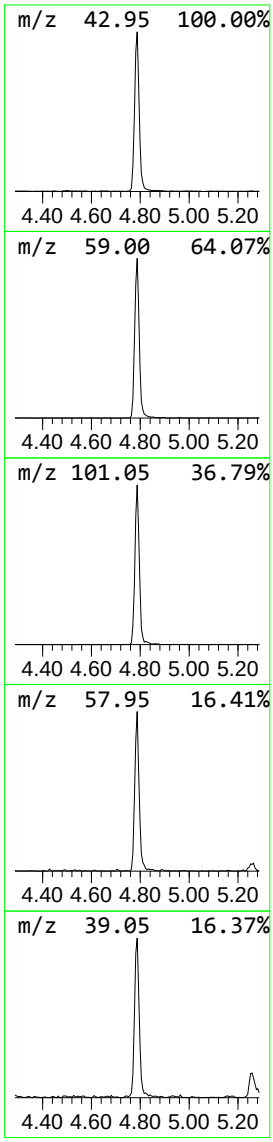
Peak Number 2 unknown4.787 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.787	58.99 ng	225516	1,4-Dichlorobenzene-d4	7.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
2	1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	40
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	38
5	Guanidine	59	CH5N3	000113-00-8	37





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

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
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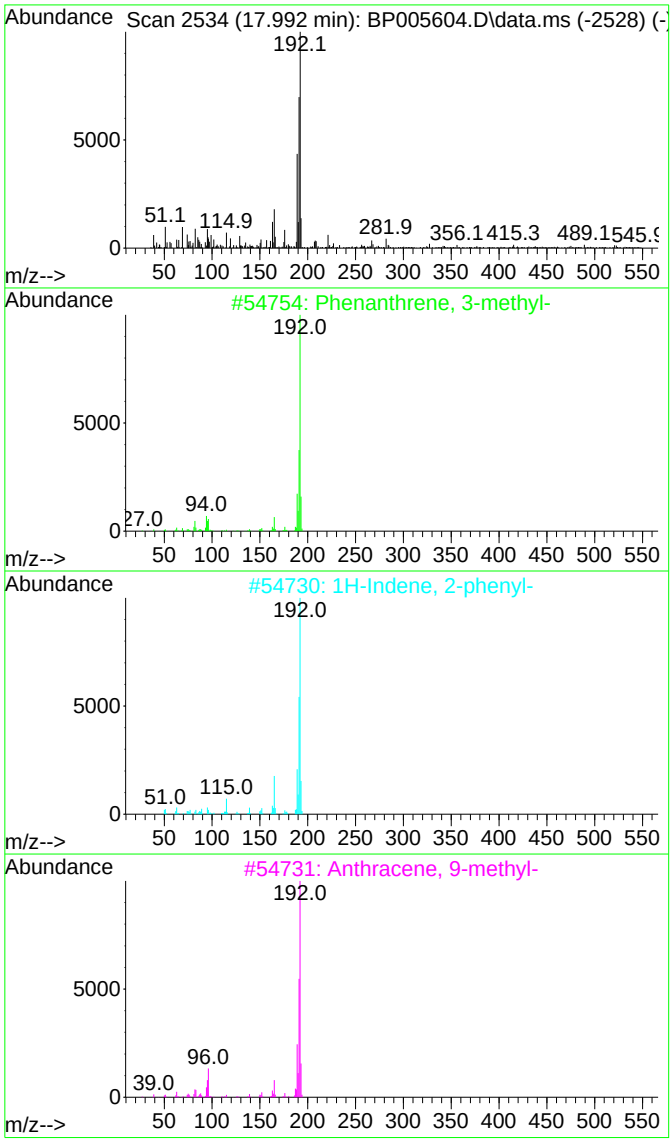
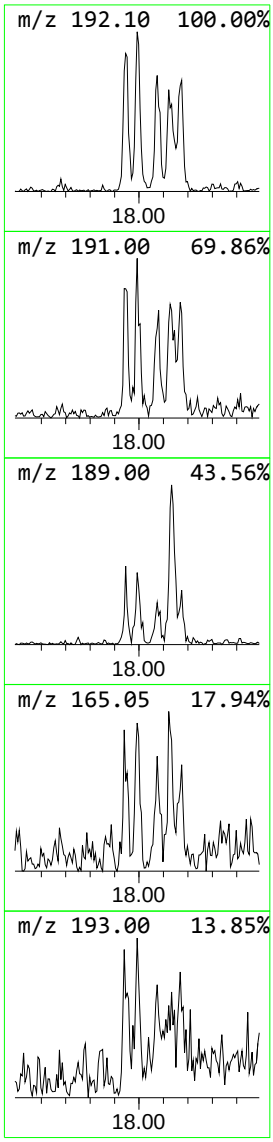
Peak Number 4 Phenanthrene, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	2.38 ng	20919	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	64
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	58
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	58





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Sample : M2366-03
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ALS Vial : 13 Sample Multiplier: 1

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

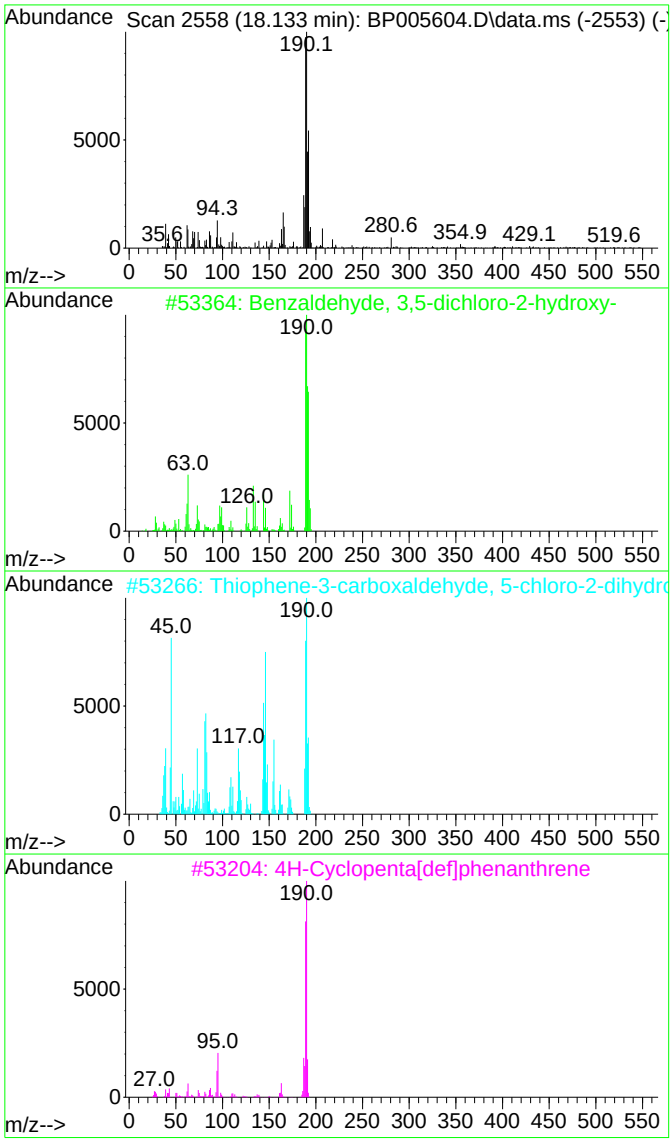
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

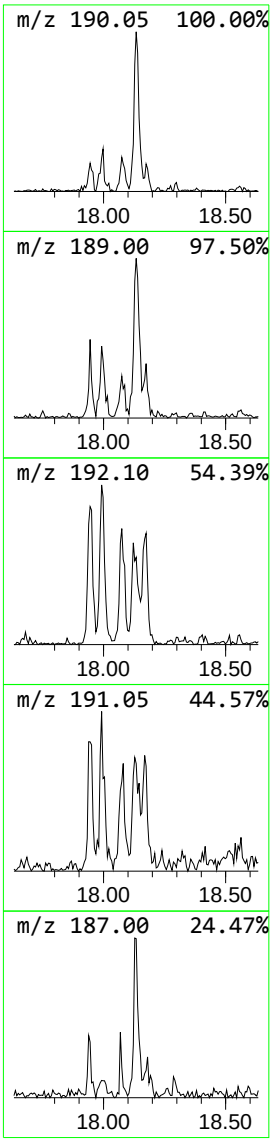
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.133	2.61 ng	22920	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	59
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40





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BNA_P
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TIC Library : C:\DATABASE\NIST11.L
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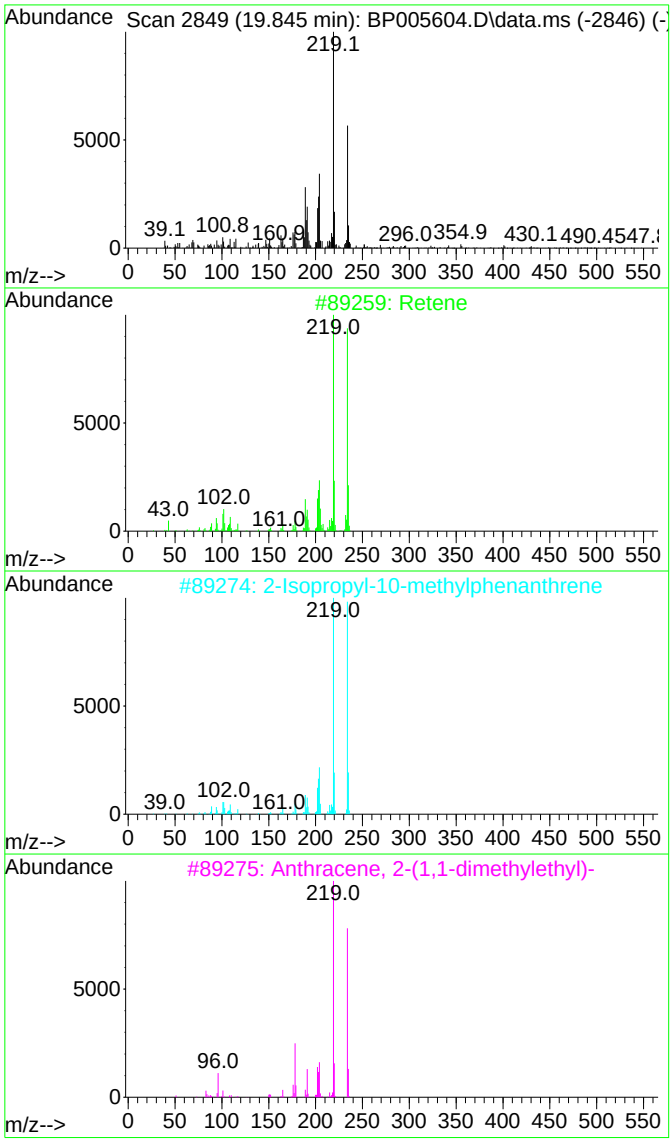
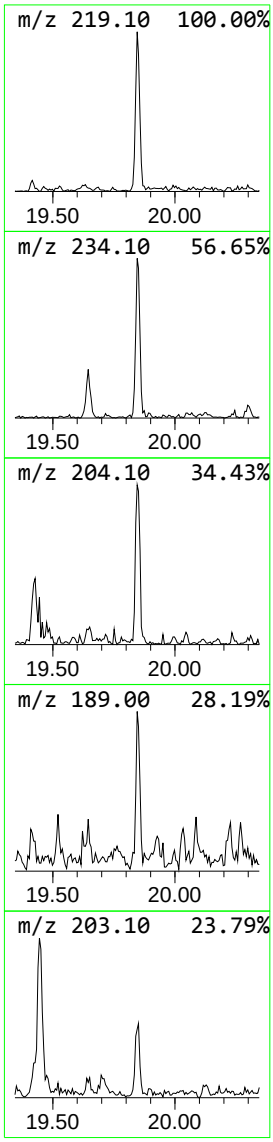
Peak Number 6 Retene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.845	2.29 ng	34793	Chrysene-d12	21.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	94
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	93
3	Anthracene, 2-(1,1-dimethylethyl)-	234	C18H18	018801-00-8	74
4	2,5-Diphenyl-2,4-hexadiene	234	C18H18	016819-47-9	68
5	1-Phenyl-4-(3,5-dimethylphenyl)b...	234	C18H18	1000202-15-0	64





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
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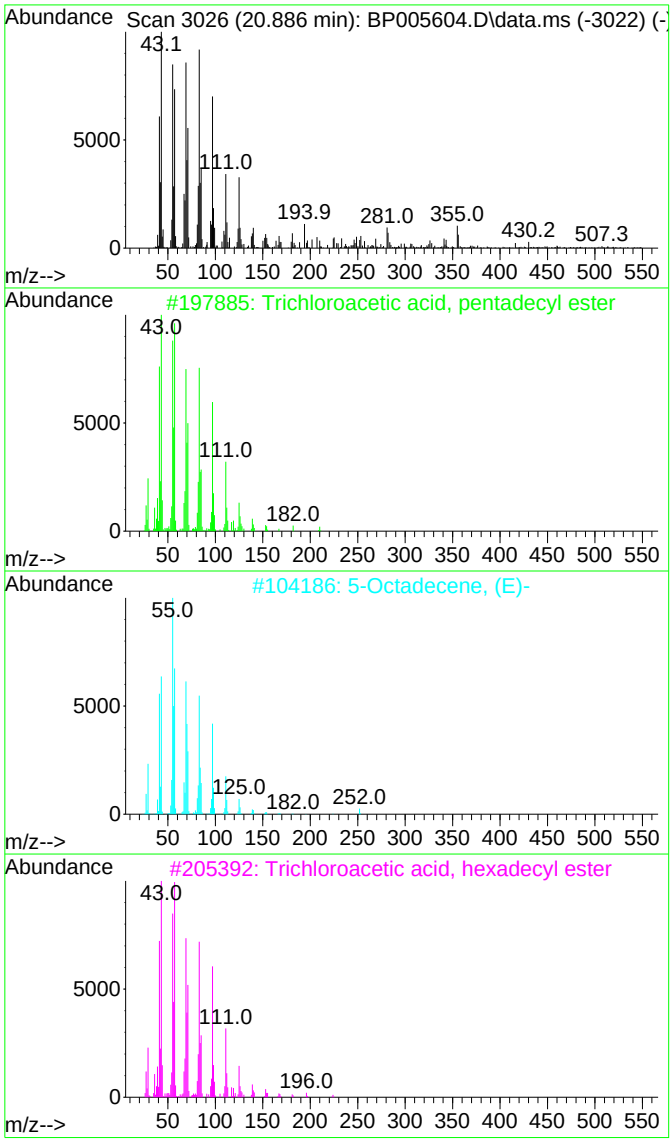
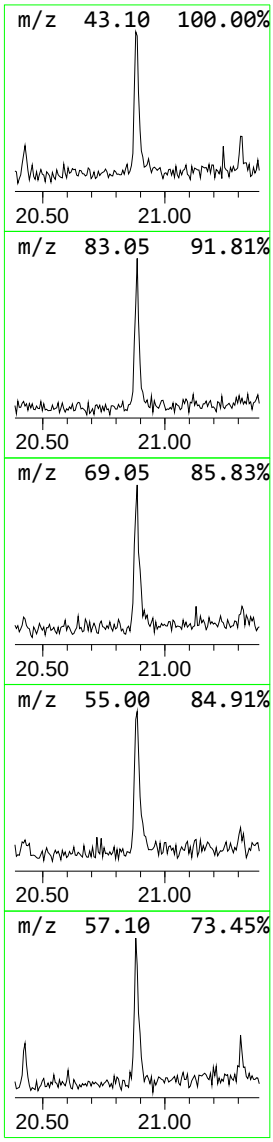
****

Peak Number 7 Trichloroacetic acid, penta... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.886	3.54 ng	53771	Chrysene-d12	21.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	E-15-Heptadecenal	252	C17H32O	1000130-97-9	90
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	89





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one,...	4.181	9.4	ng	35984	1	7.663	76465	20.0
unknown4.787	4.787	59.0	ng	225516	1	7.663	76465	20.0
Phenanthrene, 3...	17.992	2.4	ng	20919	4	17.069	175553	20.0
Benzaldehyde, 3...	18.133	2.6	ng	22920	4	17.069	175553	20.0
Retene	19.845	2.3	ng	34793	5	21.174	304117	20.0
Trichloroacetic...	20.886	3.5	ng	53771	5	21.174	304117	20.0