LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
Data File : BP002816.D
Acq On : 21 Jul 2020 16:20
Operator : CG/JU
Sample : L3360-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1B

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\8270-BP071020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.122	205	210	224	rVB	76291	113155	2.98%	0.328%
2	4.705	303	309	321	rBV	1313822	1788746	47.17%	5.186%
3	5.175	383	389	416	rBV	974044	1513826	39.92%	4.389%
4	6.652	630	640	645	rBV	32734	56155	1.48%	0.163%
5	6.752	651	657	679	rVB	1274379	2188220	57.70%	6.344%
6	7.199	724	733	742	rBV3	96731	180749	4.77%	0.524%
7	7.546	785	792	801	rBV	503250	802189	21.15%	2.326%
8	8.693	980	987	999	rVV	865570	1496497	39.46%	4.339%
9	8.787	999	1003	1012	rVB	34898	57079	1.51%	0.165%
10	10.316	1253	1263	1281	rBV	607887	1086695	28.65%	3.151%
11	12.810	1680	1687	1704	rBV	1999952	3062977	80.77%	8.880%
12	13.046	1719	1727	1733	rBV4	25633	48576	1.28%	0.141%
13	13.663	1826	1832	1838	rBV	215935	316717	8.35%	0.918%
14	14.057	1892	1899	1908	rBV2	26096	75194	1.98%	0.218%
15	14.198	1916	1923	1930	rVV	810824	1242553	32.76%	3.603%
16	14.263	1930	1934	1938	rVB	30153	43872	1.16%	0.127%
17	15.257	2099	2103	2108	rVB	27074	41189	1.09%	0.119%
18	15.704	2173	2179	2199	rBV	637591	1030851	27.18%	2.989%
19	15.957	2218	2222	2225	rBV2	41611	61598	1.62%	0.179%
20	16.957	2387	2392	2396	rBV	921716	1284470	33.87%	3.724%
21	16.998	2396	2399	2405	rVB	402773	582287	15.35%	1.688%
22	17.092	2411	2415	2422	rVB	103682	153035	4.04%	0.444%
23	17.375	2459	2463	2467	rVB	48930	67036	1.77%	0.194%
24	17.492	2480	2483	2487	rBV2	37270	48746	1.29%	0.141%
25	17.839	2538	2542	2546	rBV	50935	67749	1.79%	0.196%
26	17.886	2546	2550	2556	rVB	92341	117927	3.11%	0.342%
27	18.028	2569	2574	2578	rBV2	102019	160229	4.22%	0.465%
28	18.175	2596	2599	2603	rVB2	45063	54565	1.44%	0.158%
29	18.328	2622	2625	2629	rBV	45249	54094	1.43%	0.157%
30	18.622	2671	2675	2679	rBV	98073	130116	3.43%	0.377%
31	18.804	2698	2706	2710	rBV5	113222	270722	7.14%	0.785%
32	18.986	2732	2737	2745	rBV	1294907	1720548	45.37%	4.988%
33	19.339	2789	2797	2807	rBV	1154003	1920755	50.65%	5.569%
34	19.545	2825	2832	2837	rBV	2944663	3792445	100.00%	10.995%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
Data File : BP002816.D
Acq On : 21 Jul 2020 16:20
Operator : CG/JU
Sample : L3360-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1B

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\8270-BP071020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.828	2877	2880	2884	rVB	195161	250132	6.60%	0.725%
36	19.875	2885	2888	2891	rBV2	74545	81122	2.14%	0.235%
37	19.928	2894	2897	2901	rVB	158255	179752	4.74%	0.521%
38	19.986	2904	2907	2910	rVB2	84514	107079	2.82%	0.310%
39	20.804	3042	3046	3052	rBV5	379183	628410	16.57%	1.822%
40	21.069	3085	3091	3094	rBV2	1605750	2677516	70.60%	7.763%
41	21.104	3094	3097	3107	rVB	748617	1012004	26.68%	2.934%
42	22.610	3348	3353	3358	rBV2	643869	1335092	35.20%	3.871%
43	23.163	3443	3447	3454	rVB	581151	1074588	28.33%	3.116%
44	23.257	3458	3463	3468	rBV2	887716	1514014	39.92%	4.390%

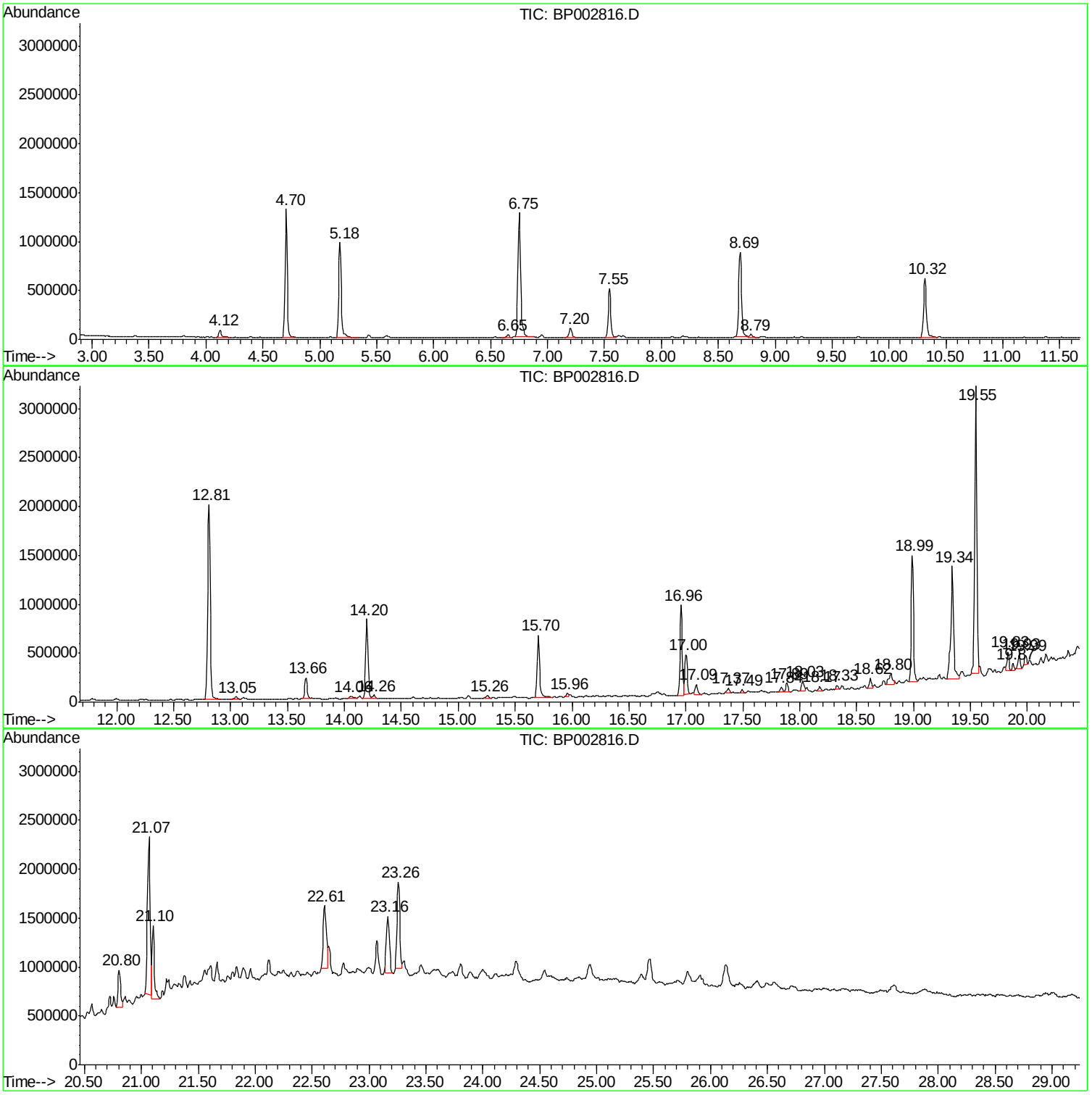
Sum of corrected areas: 34491271

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
Data File : BP002816.D
Acq On : 21 Jul 2020 16:20
Operator : CG/JU
Sample : L3360-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-1B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
Data File : BP002816.D
Acq On : 21 Jul 2020 16:20
Operator : CG/JU
Sample : L3360-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

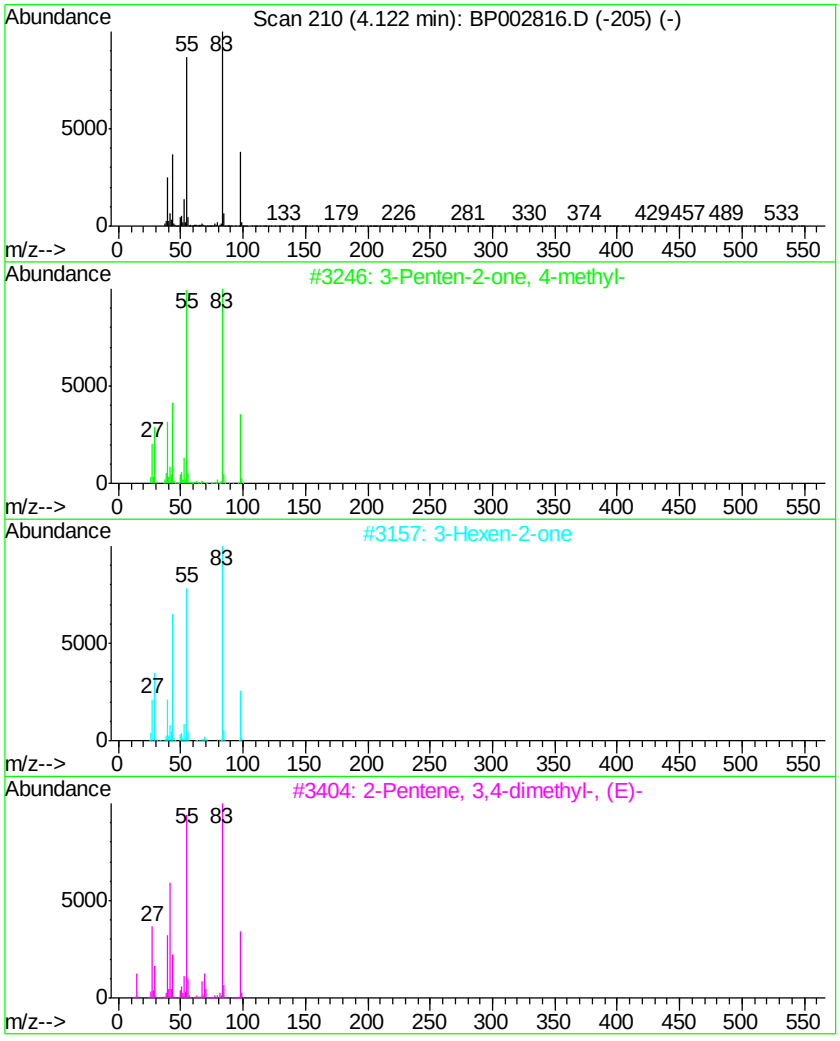
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

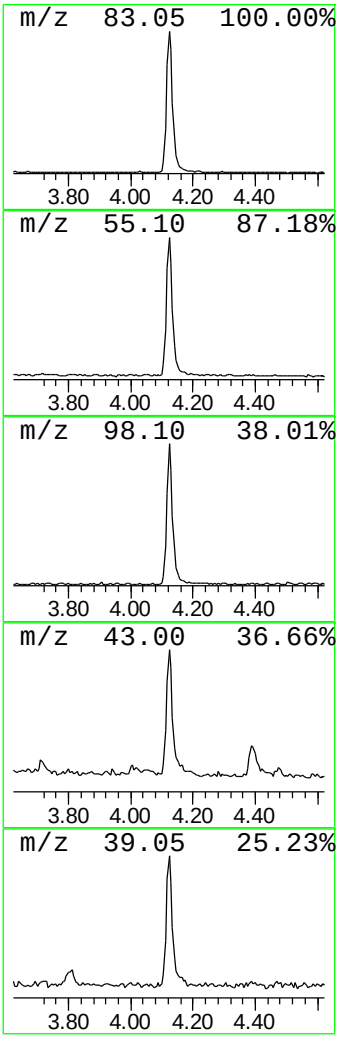
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.12	2.82 ng	113155	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
Data File : BP002816.D
Acq On : 21 Jul 2020 16:20
Operator : CG/JU
Sample : L3360-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

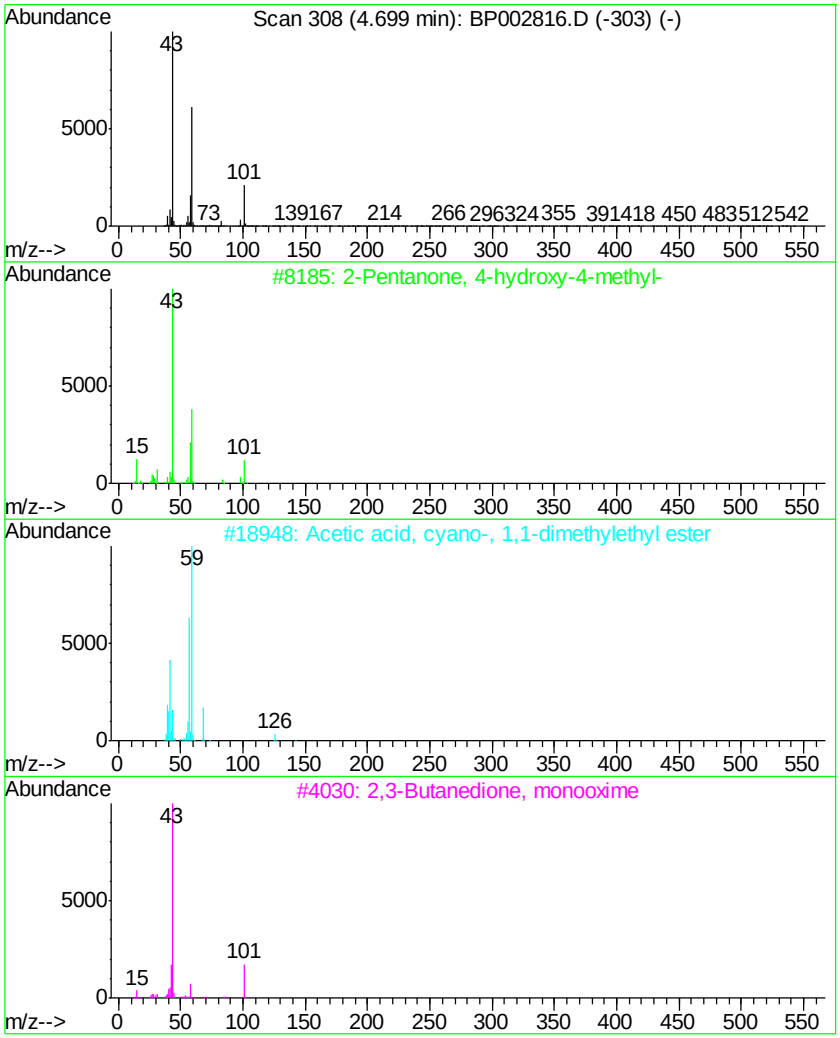
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

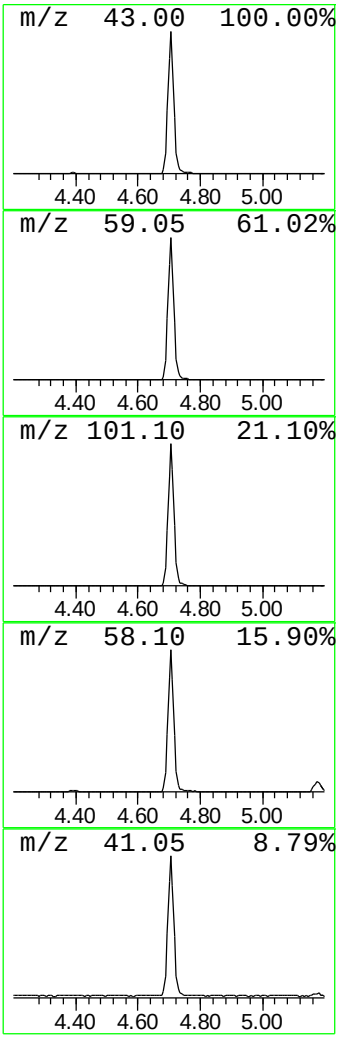
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	44.60 ng	1788750	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
Data File : BP002816.D
Acq On : 21 Jul 2020 16:20
Operator : CG/JU
Sample : L3360-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

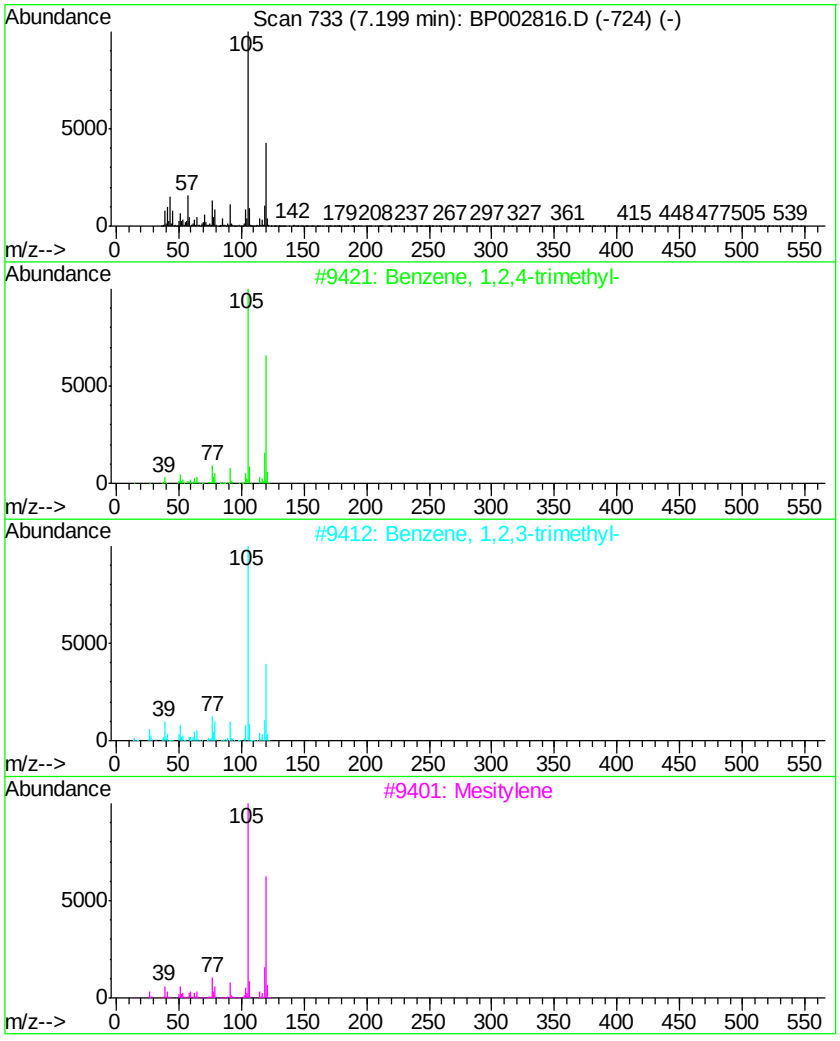
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

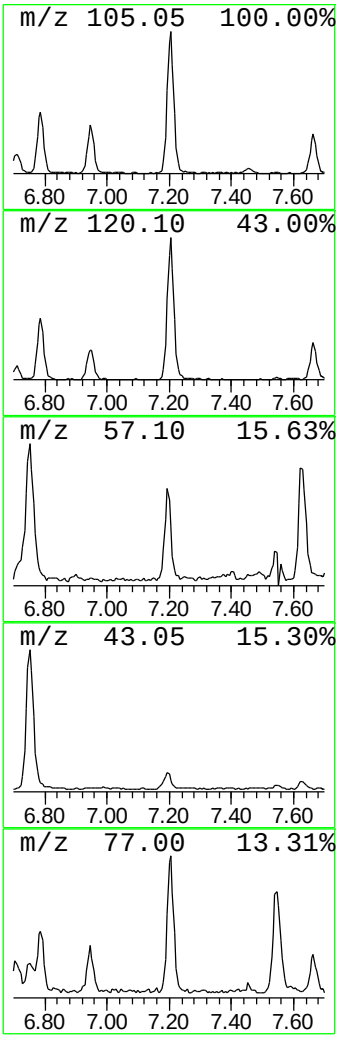
****

Peak Number 3 Benzene, 1,2,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	4.51 ng	180749	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
Data File : BP002816.D
Acq On : 21 Jul 2020 16:20
Operator : CG/JU
Sample : L3360-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

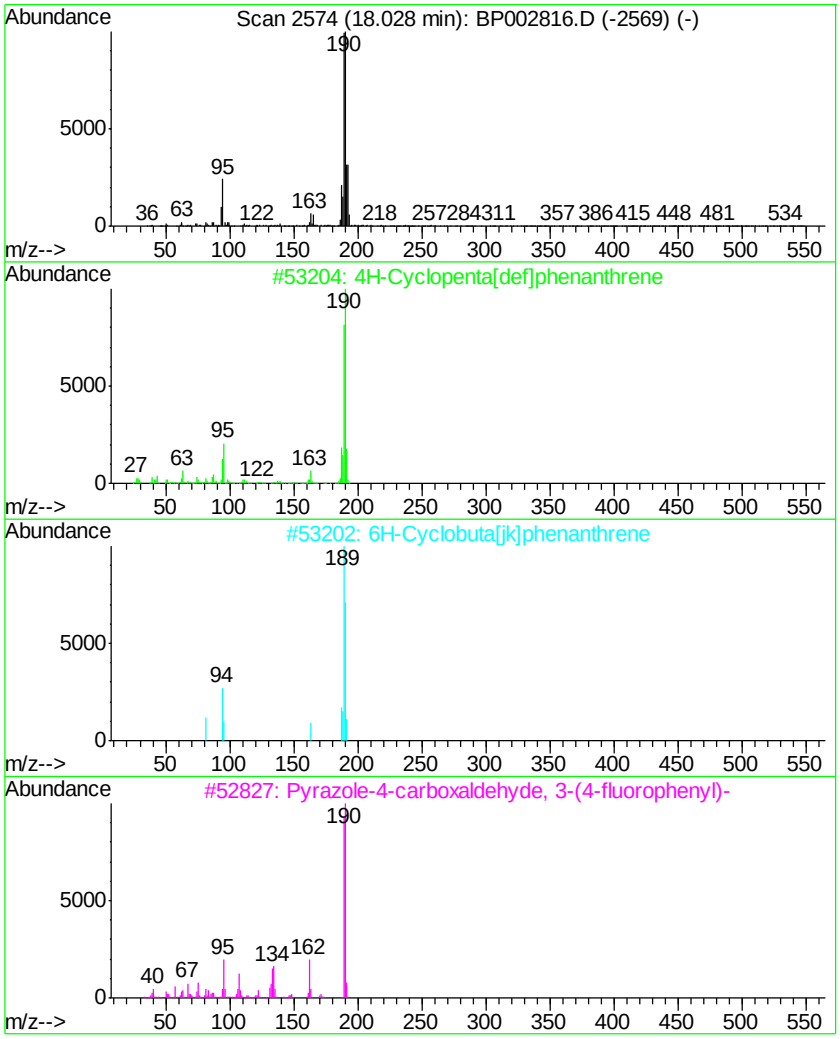
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

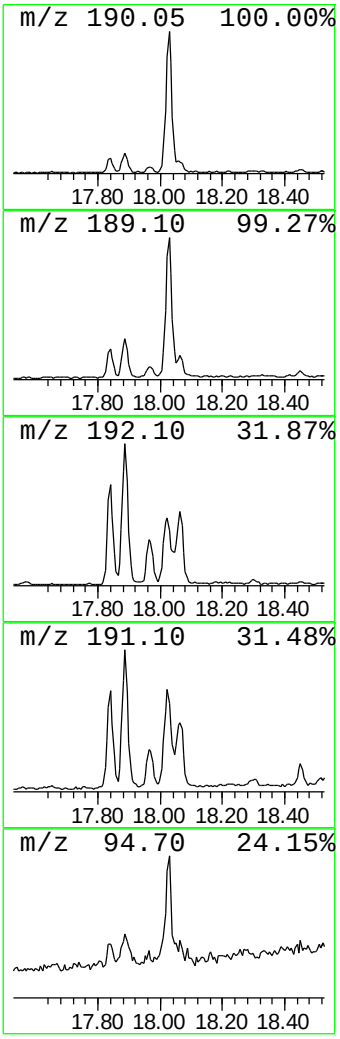
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	2.49 ng	160229	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	58
4	Methyl diselenide	190	C2H6Se2	007101-31-7	46
5	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
Data File : BP002816.D
Acq On : 21 Jul 2020 16:20
Operator : CG/JU
Sample : L3360-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

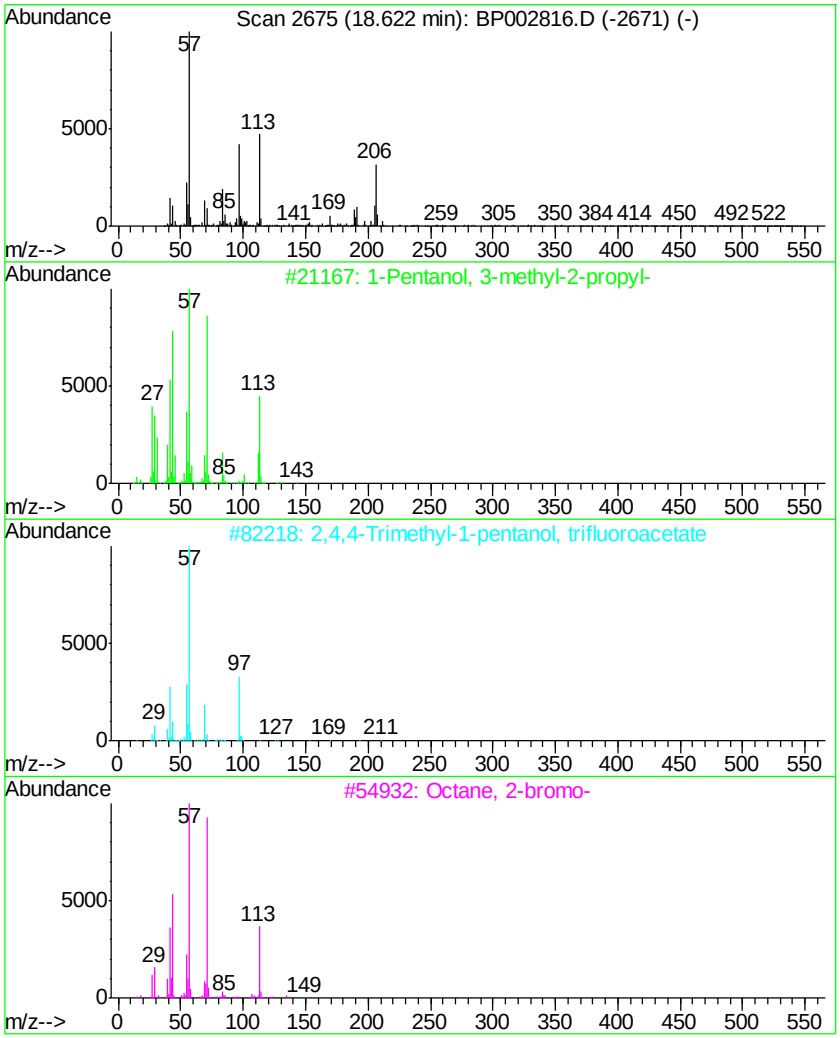
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

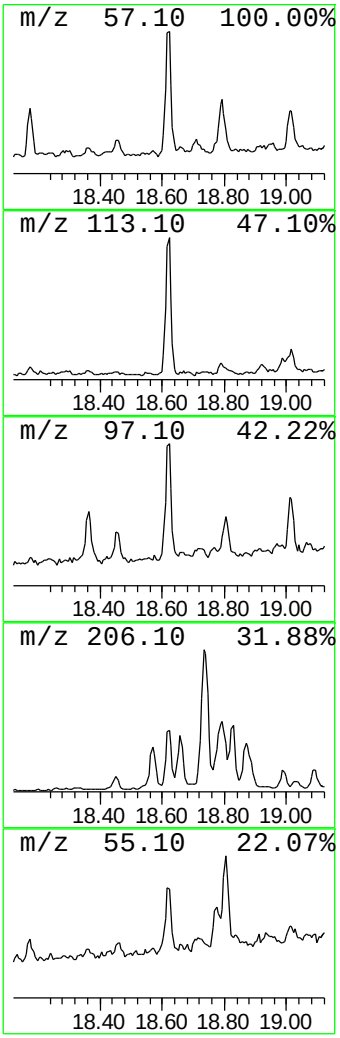
****

Peak Number 5 unknown18.62 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	2.03 ng	130116	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	32
2	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	22
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	16
4	4-Methylnonanoic acid	172	C10H20O2	045019-28-1	12
5	Heptane, 4-(bromomethyl)-	192	C8H17Br	101654-29-9	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
Data File : BP002816.D
Acq On : 21 Jul 2020 16:20
Operator : CG/JU
Sample : L3360-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

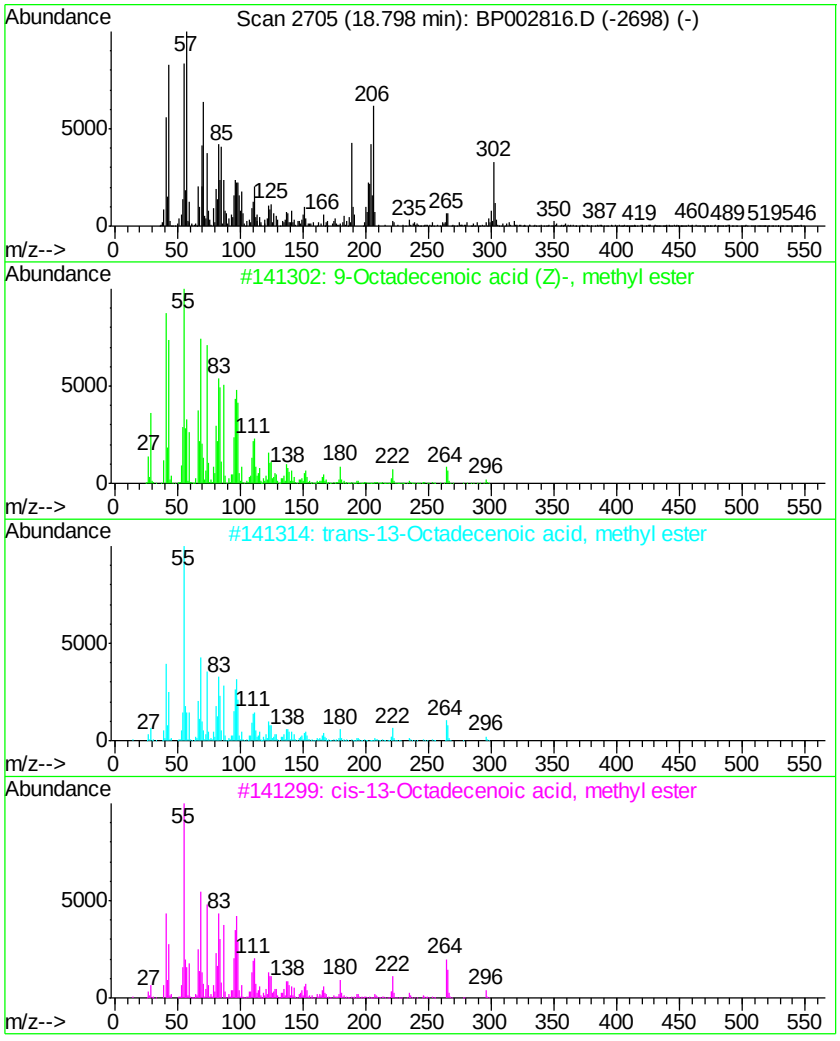
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

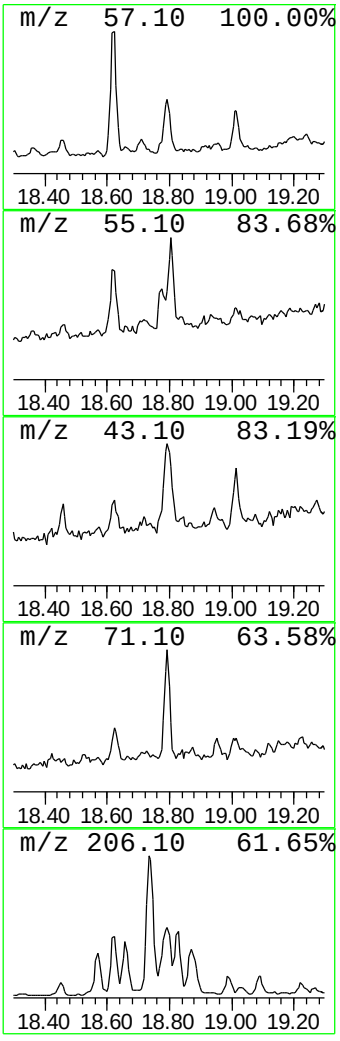
****

Peak Number 6 9-Octadecenoic acid (Z)-, m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	4.22 ng	270722	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	97
2	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	95
3	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	87
4	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	87
5	8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
Data File : BP002816.D
Acq On : 21 Jul 2020 16:20
Operator : CG/JU
Sample : L3360-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

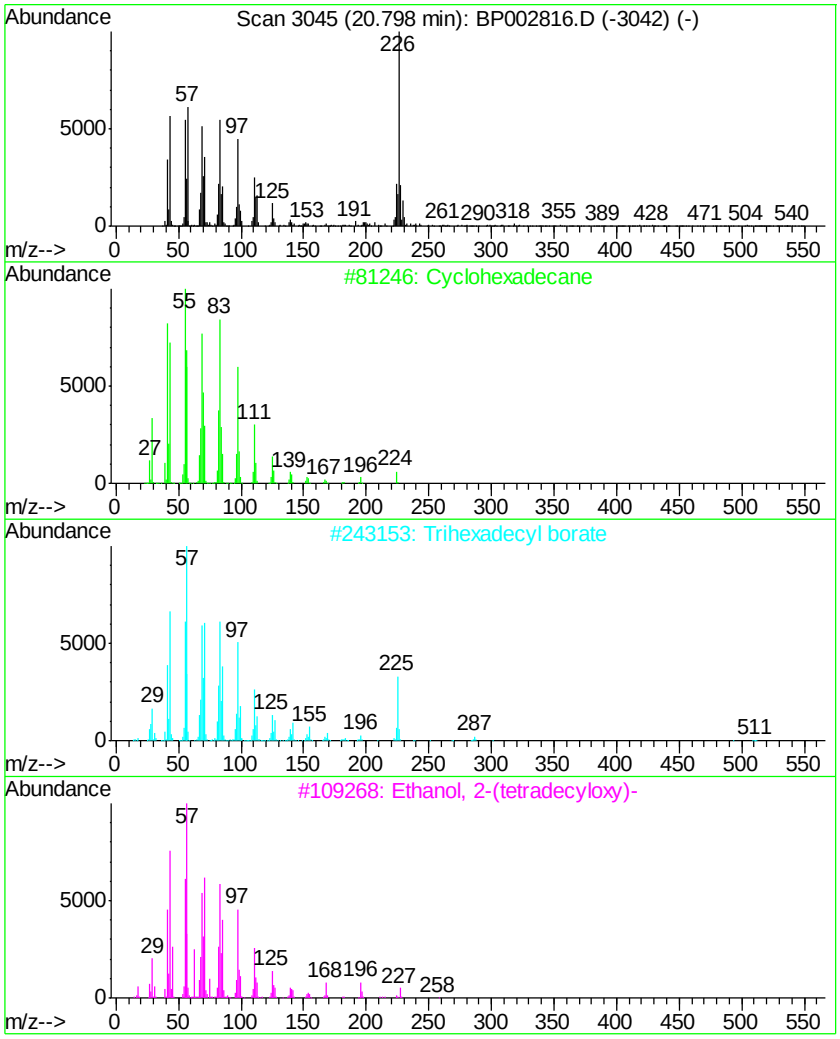
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

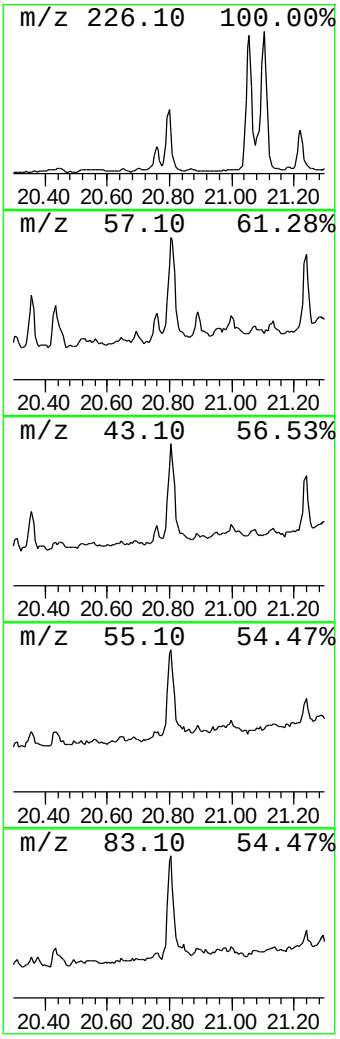
****

Peak Number 7 Cyclohexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	4.69 ng	628410	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Trihexadecyl borate	735	C48H99BO3	002665-11-4	70
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	64
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	64
5	17-Pentatriacontene	491	C35H70	006971-40-0	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP072120\
Data File : BP002816.D
Acq On : 21 Jul 2020 16:20
Operator : CG/JU
Sample : L3360-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-1B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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...	4.12	2.8	ng	113155	1	7.55	802189	20.0
2-Pentanone, 4-hy...	4.70	44.6	ng	1788750	1	7.55	802189	20.0
Benzene, 1,2,4-tr...	7.20	4.5	ng	180749	1	7.55	802189	20.0
4H-Cyclopenta[def...	18.03	2.5	ng	160229	4	16.96	1284470	20.0
unknown18.62	18.62	2.0	ng	130116	4	16.96	1284470	20.0
9-Octadecenoic ac...	18.80	4.2	ng	270722	4	16.96	1284470	20.0
Cyclohexadecane	20.80	4.7	ng	628410	5	21.07	2677520	20.0