LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001385.D
Acq On : 24 Dec 2019 14:35
Operator : JU
Sample : K6360-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 1FT-TP

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-BP121919.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	5.605	593	598	609	rVB	175772	296470	11.74%	1.368%
2	6.210	694	701	711	rBV	1243005	1563933	61.95%	7.216%
3	7.752	953	963	984	rBV	1250326	1786552	70.77%	8.243%
4	7.928	987	993	1001	rBV	1378981	1730528	68.55%	7.984%
5	8.281	1048	1053	1061	rBV	307580	364621	14.44%	1.682%
6	8.528	1088	1095	1099	rBV	1110394	1330876	52.72%	6.140%
7	9.169	1196	1204	1208	rBV	851524	1116281	44.22%	5.150%
8	10.316	1387	1399	1406	rBV	378588	446263	17.68%	2.059%
9	12.098	1693	1702	1706	rBV	1766295	2149951	85.16%	9.919%
10	12.763	1805	1815	1820	rBV	76967	90662	3.59%	0.418%
11	13.175	1878	1885	1891	rBV	423124	547558	21.69%	2.526%
12	14.475	2098	2106	2121	rBV	1267454	1594110	63.14%	7.355%
13	15.575	2282	2293	2297	rBV	485648	584848	23.17%	2.698%
14	15.610	2297	2299	2305	rVB	62099	62908	2.49%	0.290%
15	16.475	2434	2446	2452	rBV3	139257	216271	8.57%	0.998%
16	17.245	2568	2577	2584	rVB5	83657	129953	5.15%	0.600%
17	17.322	2585	2590	2595	rVB	152913	171671	6.80%	0.792%
18	17.427	2603	2608	2613	rBV7	25604	37382	1.48%	0.172%
19	17.498	2613	2620	2625	rVV	139270	176594	7.00%	0.815%
20	17.551	2625	2629	2637	rVV2	88378	111255	4.41%	0.513%
21	17.627	2637	2642	2646	rBV	119712	136589	5.41%	0.630%
22	17.716	2654	2657	2662	rVB3	52198	57805	2.29%	0.267%
23	17.786	2665	2669	2673	rVV2	78473	89505	3.55%	0.413%
24	17.827	2673	2676	2677	rVV	33086	32996	1.31%	0.152%
25	17.869	2677	2683	2690	rVB	2142752	2524563	100.00%	11.648%
26	17.998	2700	2705	2708	rBV4	30471	39248	1.55%	0.181%
27	18.116	2721	2725	2728	rVB2	83002	97691	3.87%	0.451%
28	18.157	2728	2732	2738	rVB	235154	266189	10.54%	1.228%
29	18.222	2739	2743	2747	rBV4	20348	32360	1.28%	0.149%
30	18.369	2764	2768	2771	rVV	126434	138253	5.48%	0.638%
31	18.404	2771	2774	2775	rVV	58731	60312	2.39%	0.278%
32	18.427	2775	2778	2784	rVB	113744	123796	4.90%	0.571%
33	18.498	2785	2790	2795	rBV4	32348	43776	1.73%	0.202%
34	18.645	2808	2815	2820	rBV	185559	272821	10.81%	1.259%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001385.D
Acq On : 24 Dec 2019 14:35
Operator : JU
Sample : K6360-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 1FT-TP

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-BP121919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.916	2853	2861	2866	rBV4	64082	93471	3.70%	0.431%
36	19.110	2890	2894	2906	rBV4	131694	380727	15.08%	1.757%
37	19.221	2907	2913	2916	rVV	441629	540194	21.40%	2.492%
38	19.251	2916	2918	2922	rVV2	56680	72815	2.88%	0.336%
39	19.292	2922	2925	2930	rVB4	29051	31465	1.25%	0.145%
40	19.510	2957	2962	2967	rBV	71372	81667	3.23%	0.377%
41	19.904	3022	3029	3035	rBV	146607	172116	6.82%	0.794%
42	20.280	3088	3093	3098	rBV	203283	242788	9.62%	1.120%
43	20.357	3103	3106	3111	rVB	26988	29876	1.18%	0.138%
44	20.504	3126	3131	3135	rBV	46812	88769	3.52%	0.410%
45	20.668	3154	3159	3166	rBV	223988	284137	11.25%	1.311%
46	20.845	3185	3189	3196	rVB	27027	33385	1.32%	0.154%
47	20.910	3197	3200	3207	rVV	26244	42827	1.70%	0.198%
48	20.986	3208	3213	3226	rVB	289322	403507	15.98%	1.862%
49	21.104	3228	3233	3242	rBV	185791	272579	10.80%	1.258%
50	21.598	3310	3317	3327	rBV	123695	223896	8.87%	1.033%
51	21.727	3331	3339	3343	rBV6	19260	54317	2.15%	0.251%
52	22.163	3405	3413	3428	rBV3	54651	138376	5.48%	0.638%
53	22.604	3484	3488	3498	rVB3	14724	28960	1.15%	0.134%
54	22.815	3519	3524	3530	rVB4	16775	33802	1.34%	0.156%

Sum of corrected areas: 21674265

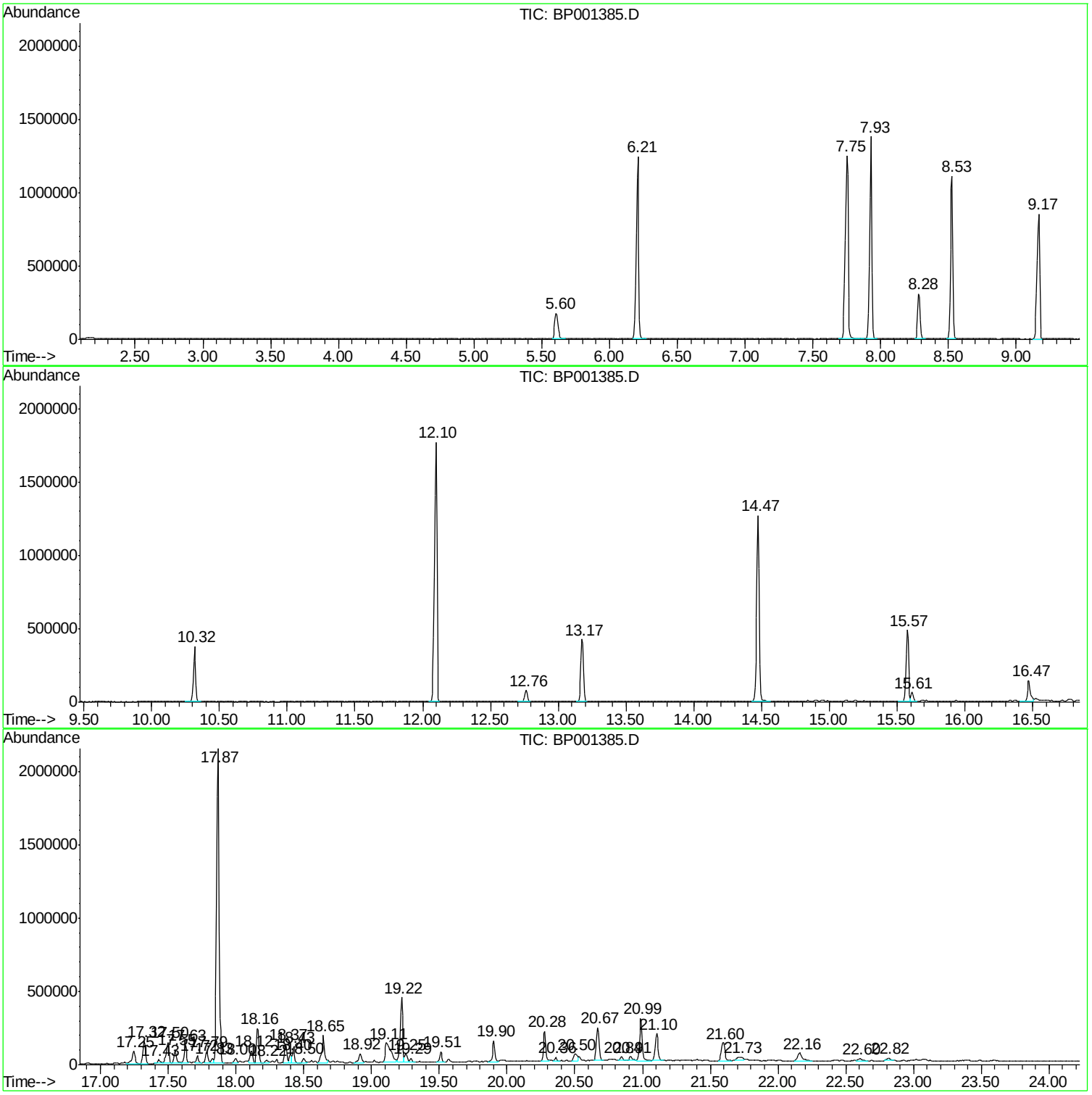
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001385.D
Acq On : 24 Dec 2019 14:35
Operator : JU
Sample : K6360-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 1FT-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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\BP122419\
Data File : BP001385.D
Acq On : 24 Dec 2019 14:35
Operator : JU
Sample : K6360-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 1FT-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

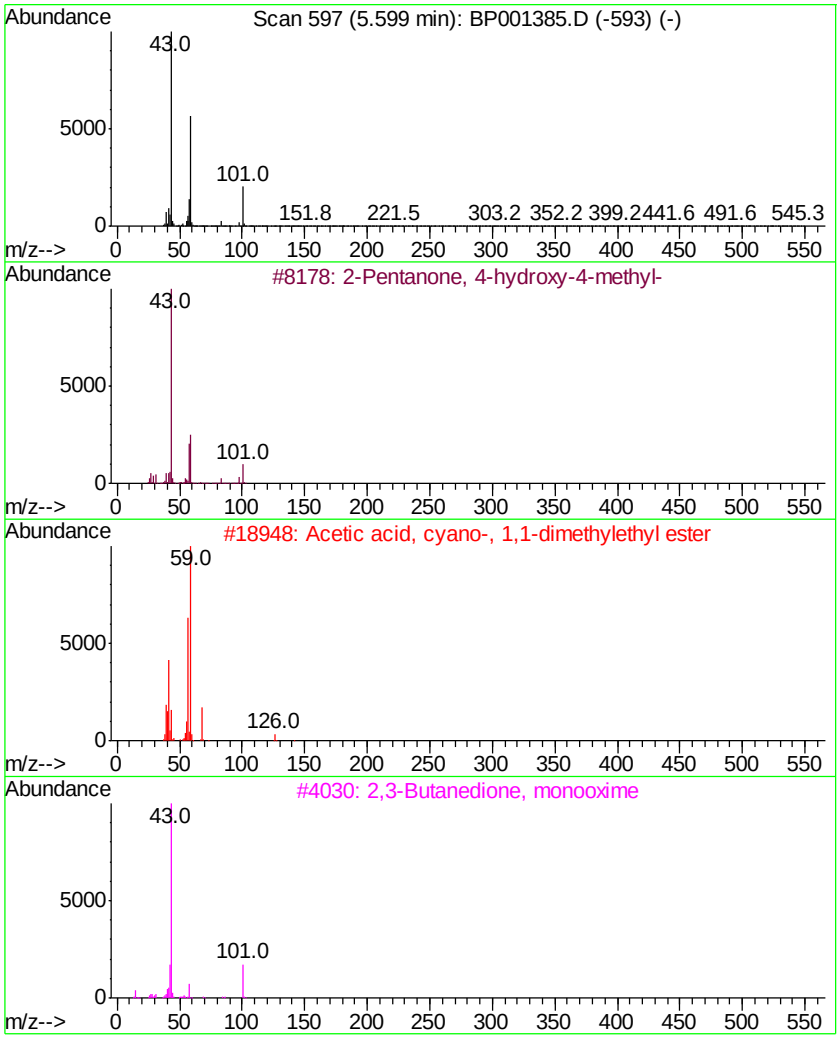
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

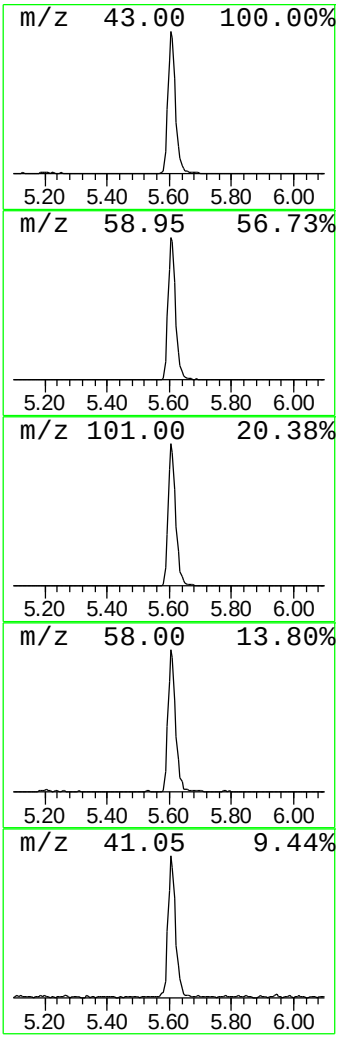
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	16.26 ng	296470	1,4-Dichlorobenzene-d4	8.28

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	32
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001385.D
Acq On : 24 Dec 2019 14:35
Operator : JU
Sample : K6360-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 1FT-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

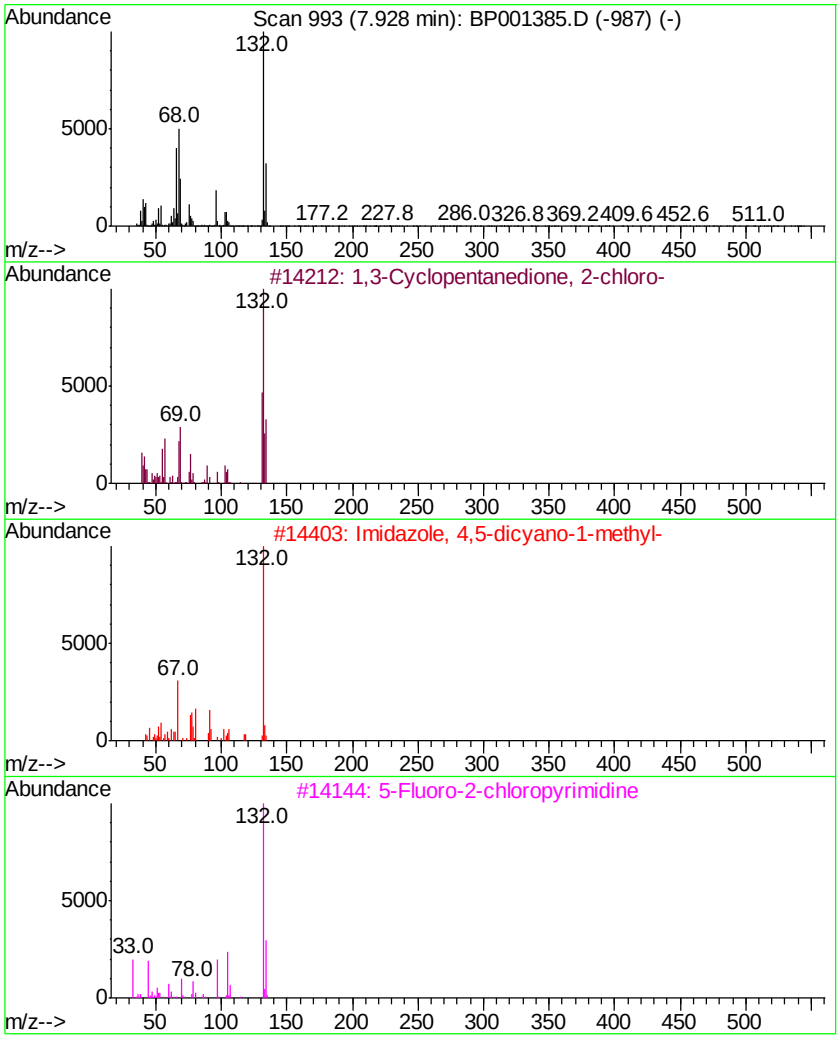
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

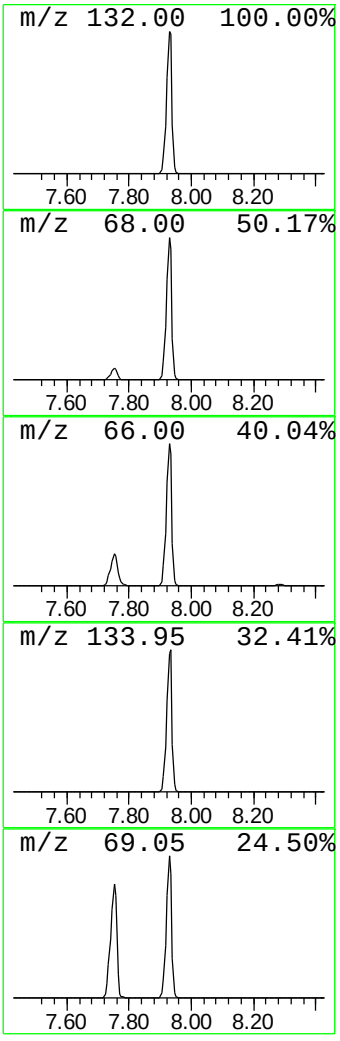
****

Peak Number 2 unknown7.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	94.92 ng	1730530	1,4-Dichlorobenzene-d4	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	16
2	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	10
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001385.D
Acq On : 24 Dec 2019 14:35
Operator : JU
Sample : K6360-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 1FT-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

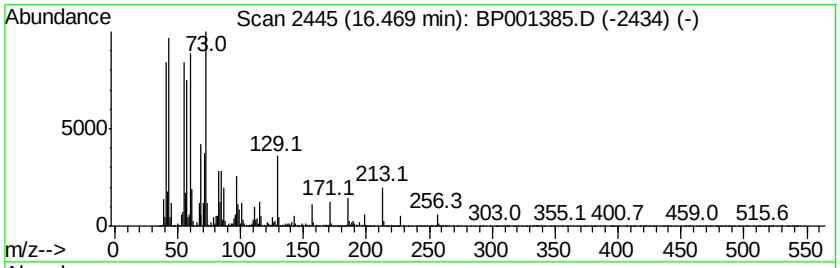
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

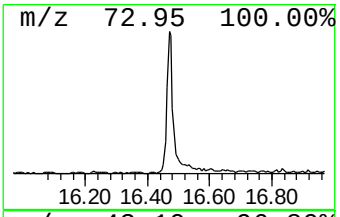
****

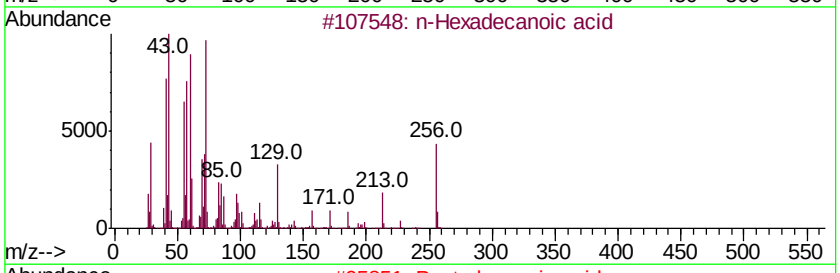
Peak Number 4 n-Hexadecanoic acid Concentration Rank 11

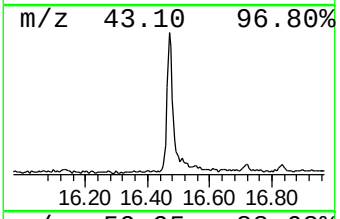
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	7.40 ng	216271	Phenanthrene-d10	15.57

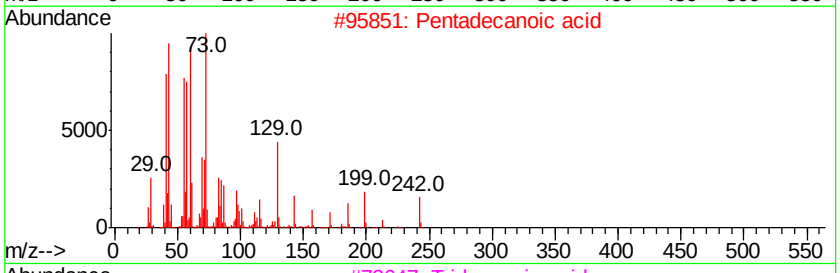
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76

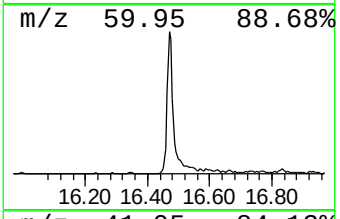


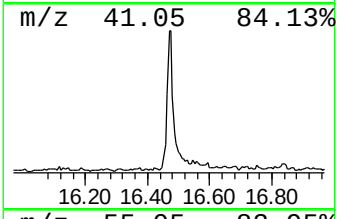


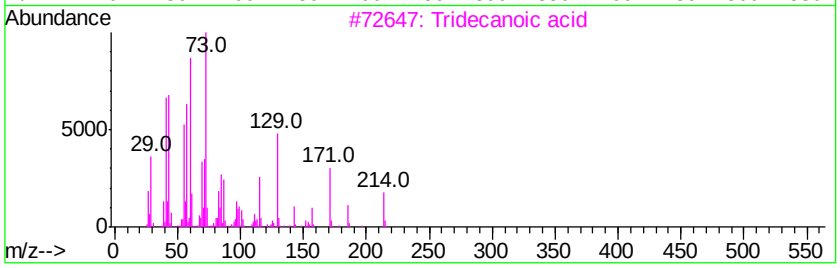


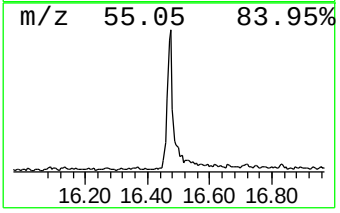












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001385.D
Acq On : 24 Dec 2019 14:35
Operator : JU
Sample : K6360-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 1FT-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

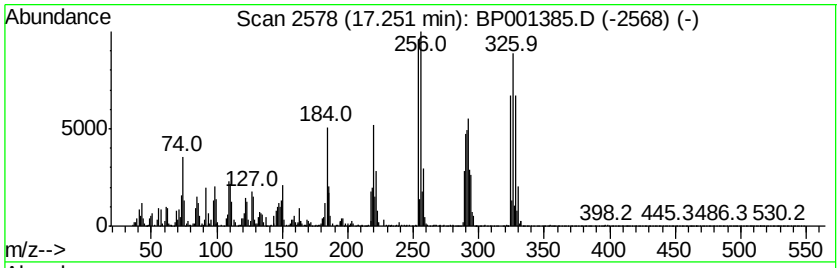
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

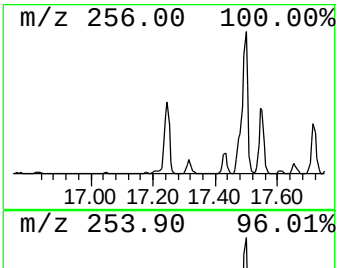
****

Peak Number 5 1,1'-Biphenyl, 2,2',3,3',5-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	4.44 ng	129953	Phenanthrene-d10	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
2	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
3	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	99
4	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
5	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99





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Acq On : 24 Dec 2019 14:35
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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 1FT-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

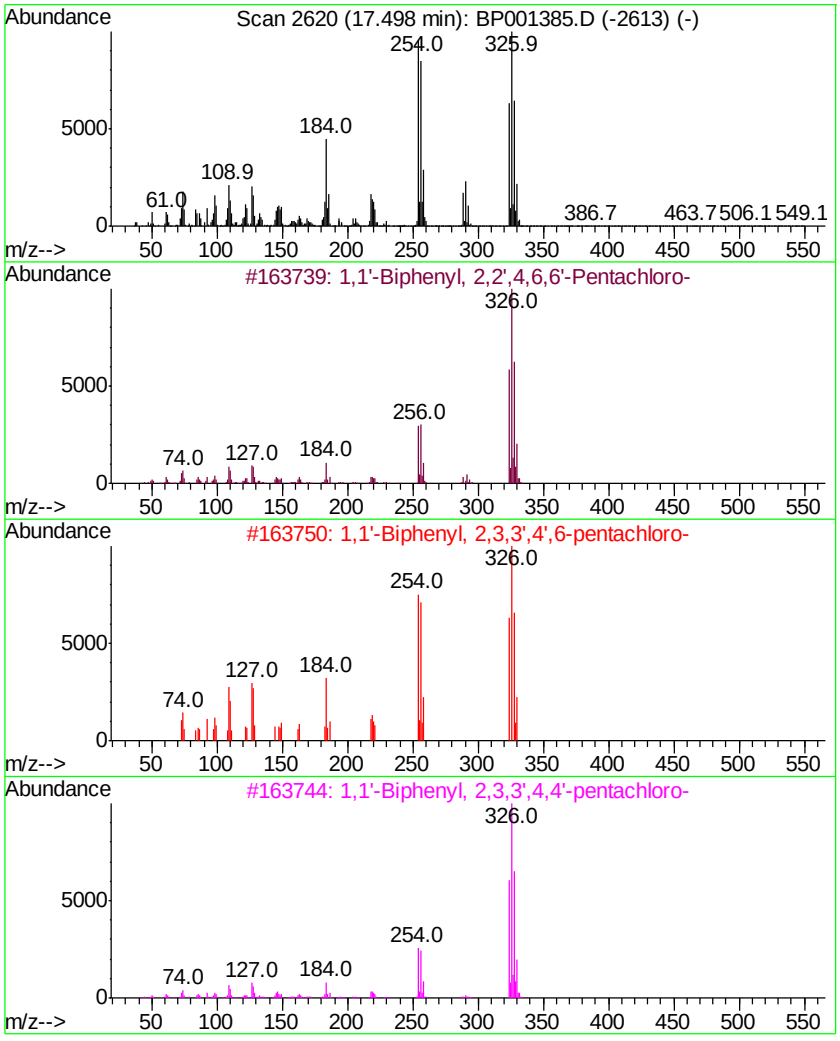
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

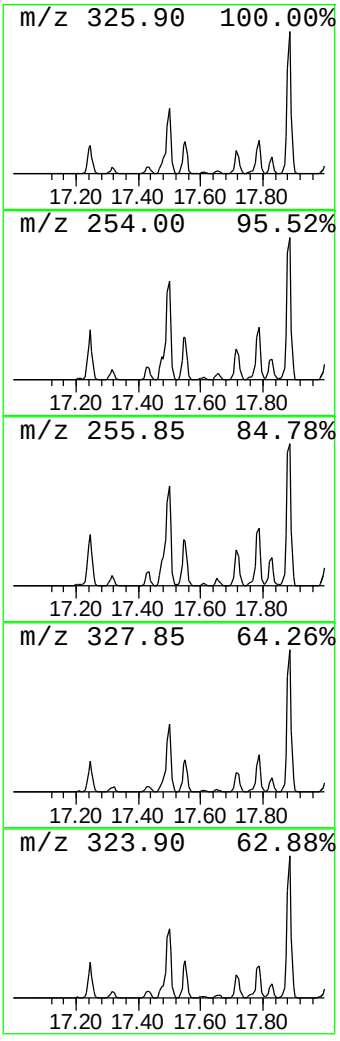
****

Peak Number 6 1,1'-Biphenyl, 2,2',4,6,6'-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	6.54 ng	176594	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	98
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	97
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96
5	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001385.D
Acq On : 24 Dec 2019 14:35
Operator : JU
Sample : K6360-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 1FT-TP

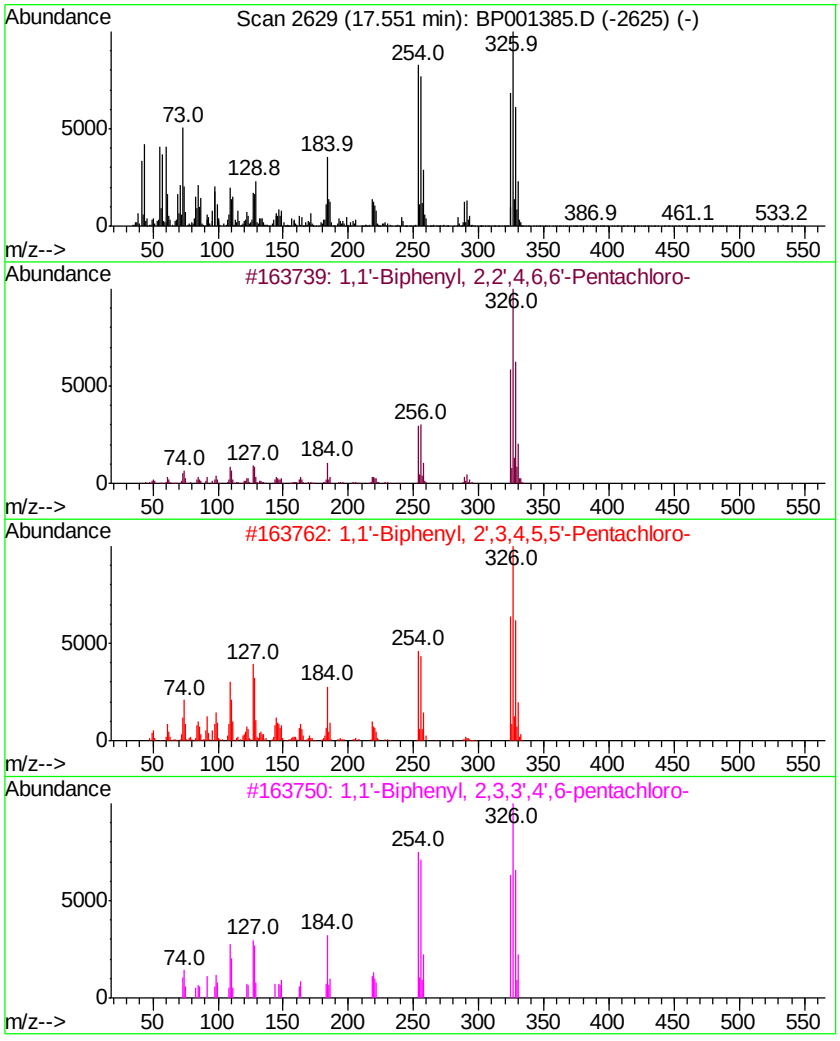
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

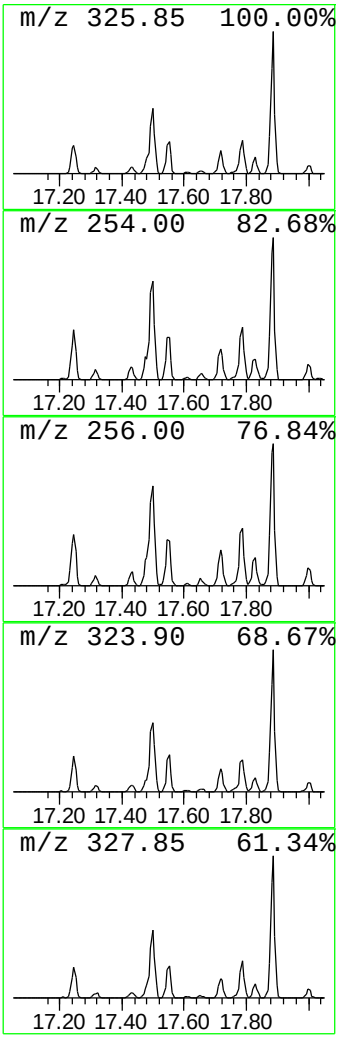
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,1'-Biphenyl, 2',3,4,5,5'-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.55	4.12 ng	111255	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
2	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	98





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Acq On : 24 Dec 2019 14:35
Operator : JU
Sample : K6360-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 1FT-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

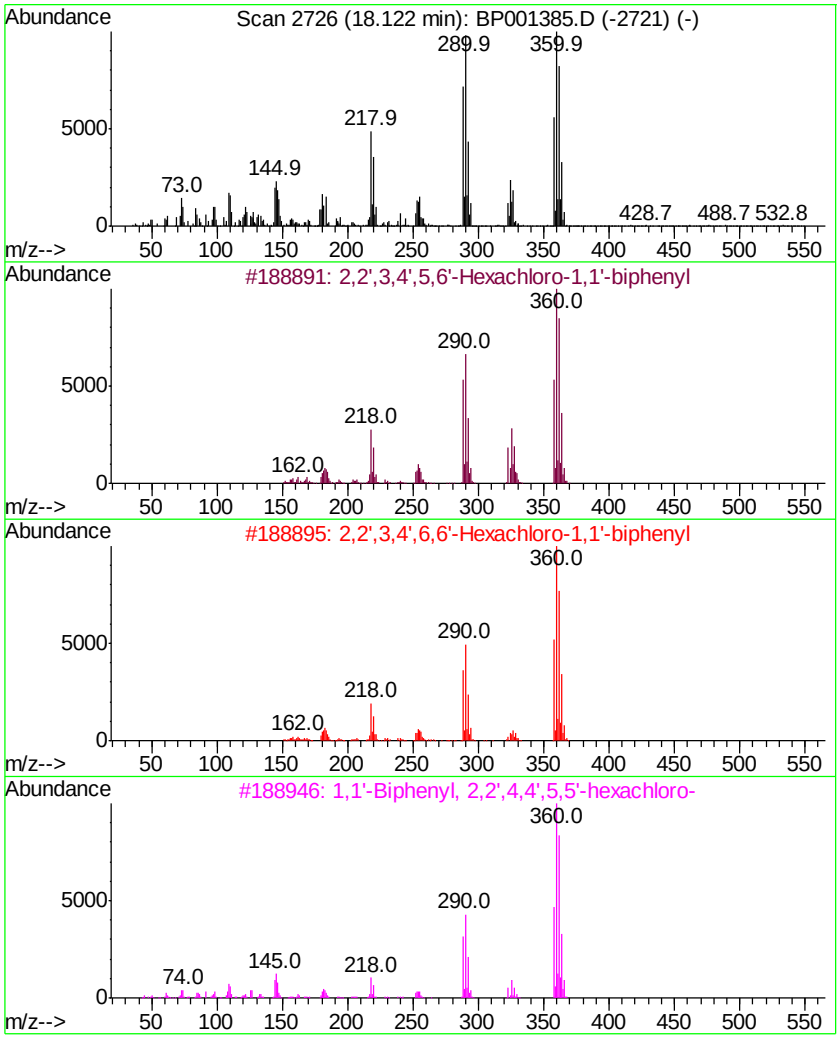
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

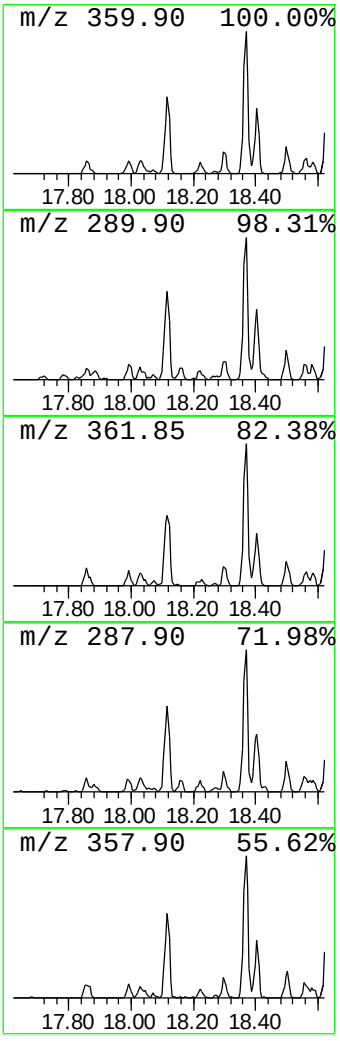
****

Peak Number 8 2,2',3,4',5,6'-Hexachloro-1... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	3.62 ng	97691	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	99
2	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
3	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
4	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
5	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 1FT-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

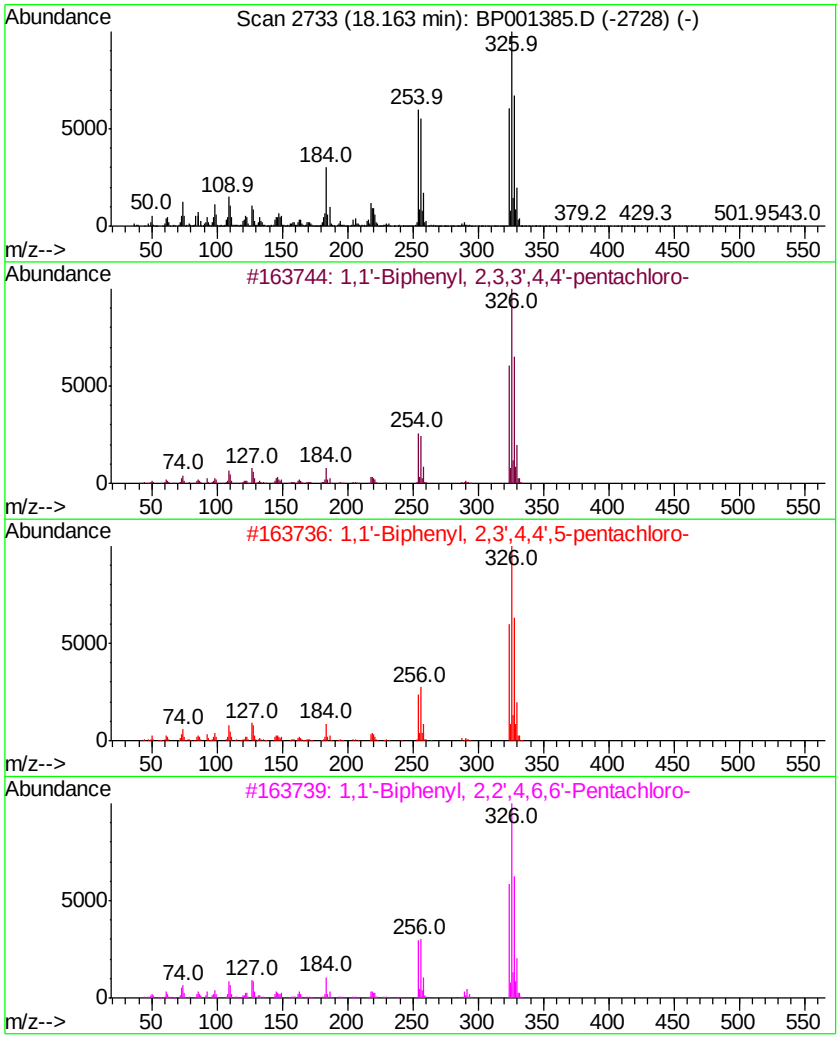
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

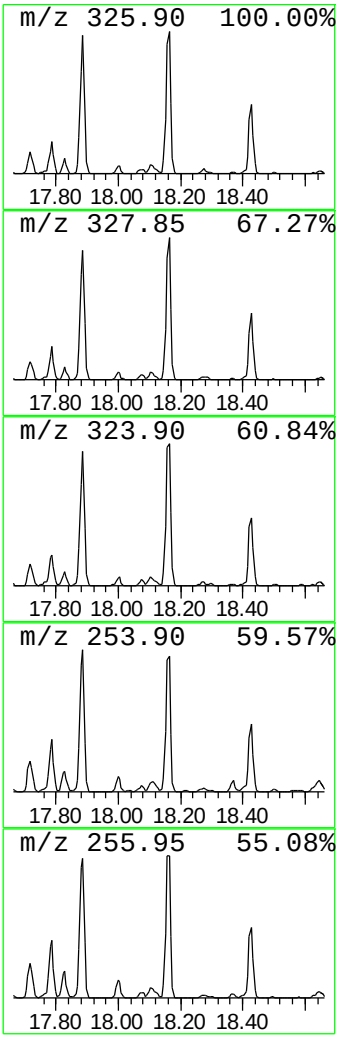
****

Peak Number 9 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	9.86 ng	266189	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
3	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
4	1,1'-Biphenyl, 2,3,4,4',5-Pentac...	324	C12H5Cl5	074472-37-0	98
5	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	97





Library Search Compound Report

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Data File : BP001385.D
Acq On : 24 Dec 2019 14:35
Operator : JU
Sample : K6360-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 1FT-TP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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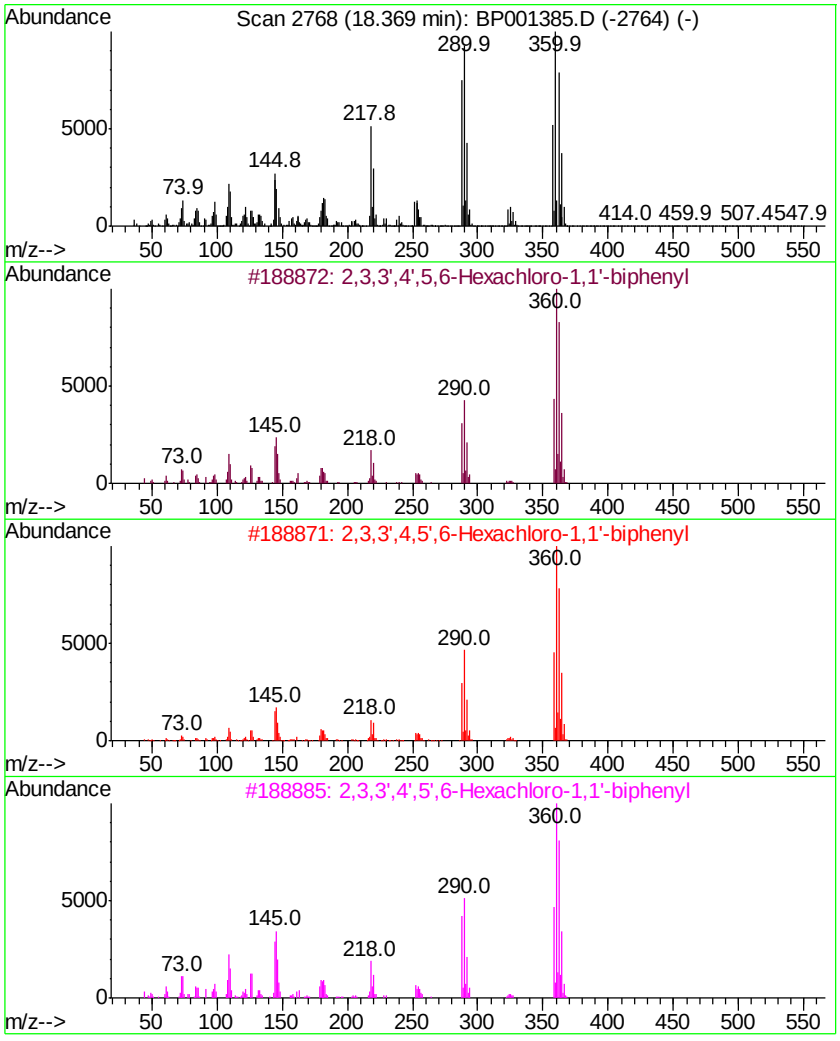
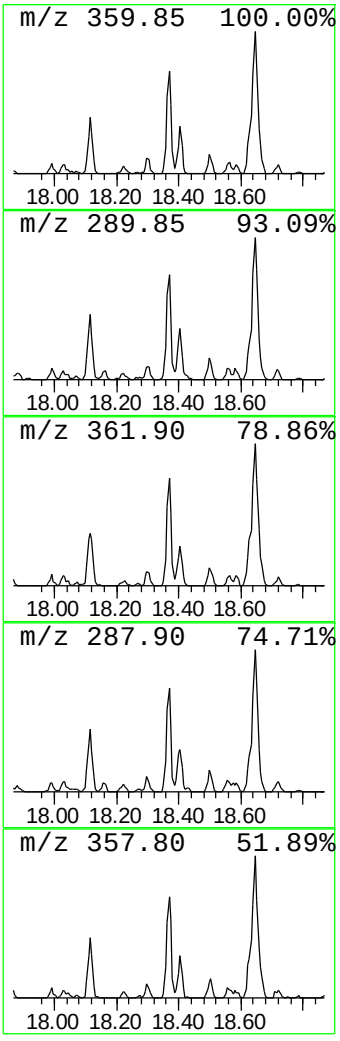
Peak Number 10 2,3,3',4',5,6-Hexachloro-1,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	5.12 ng	138253	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
2	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
3	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99
4	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99
5	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99





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Operator : JU
Sample : K6360-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 1FT-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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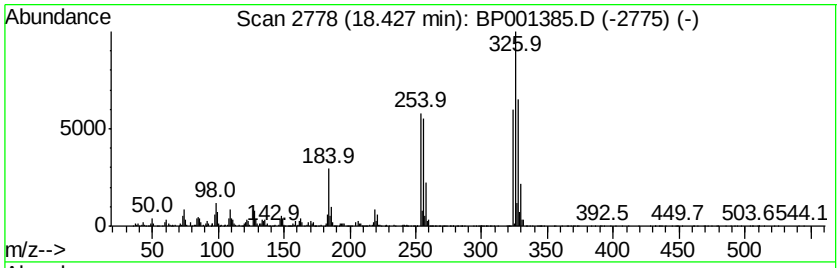
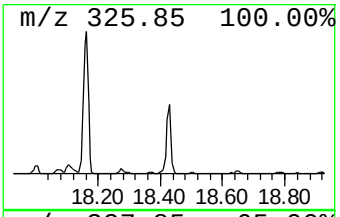
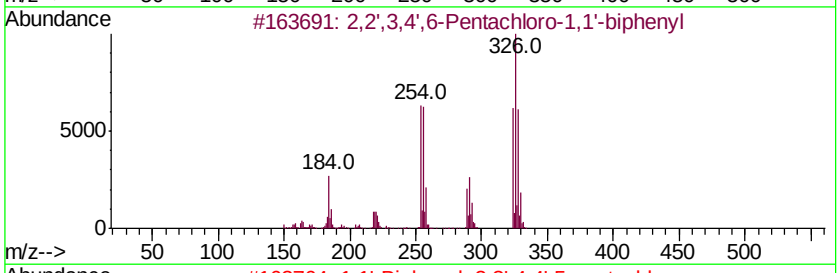
Peak Number 11 2,2',3,4',6-Pentachloro-1,1... Concentration Rank 16

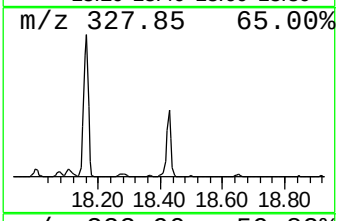
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	4.58 ng	123796	Chrysene-d12	19.22

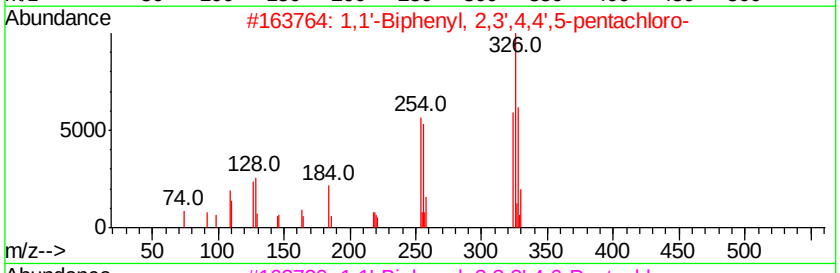
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	96
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95
3	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	95
4	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	95
5	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	95

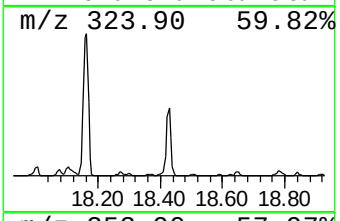


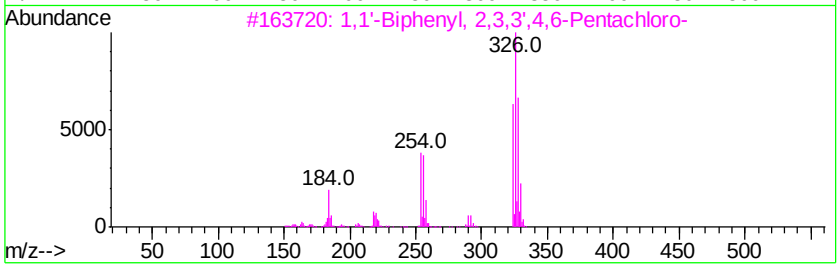


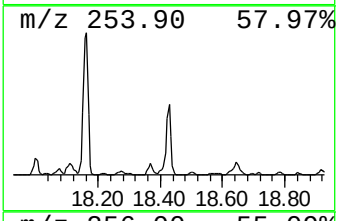


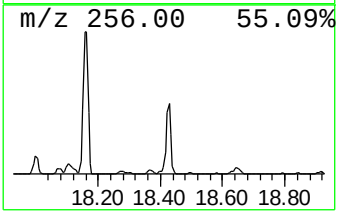












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Acq On : 24 Dec 2019 14:35
Operator : JU
Sample : K6360-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 1FT-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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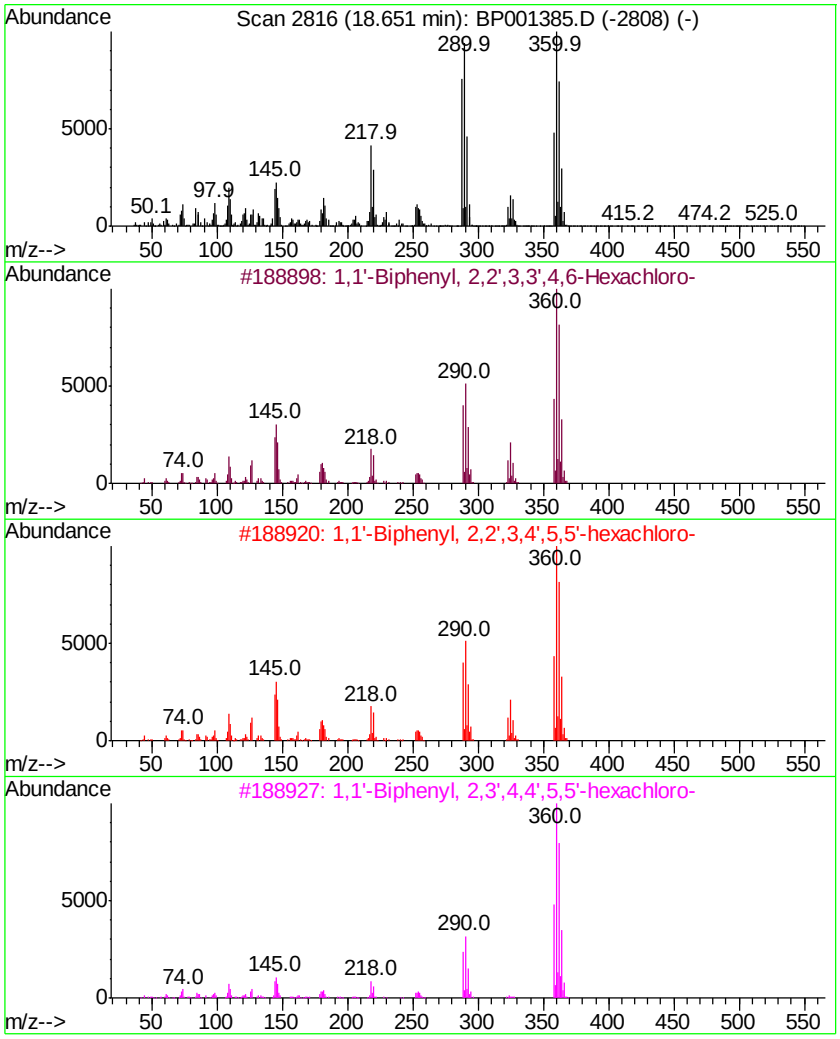
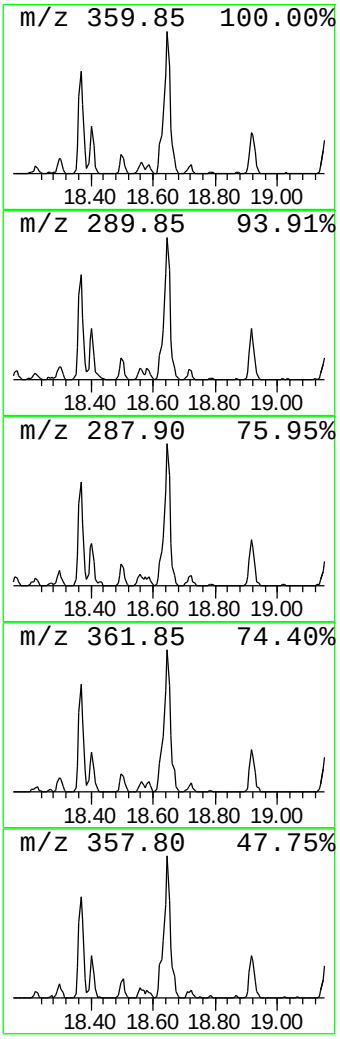
Peak Number 12 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.65	10.10 ng	272821	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
2	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
3	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
4	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
5	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99





Library Search Compound Report

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Sample : K6360-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 1FT-TP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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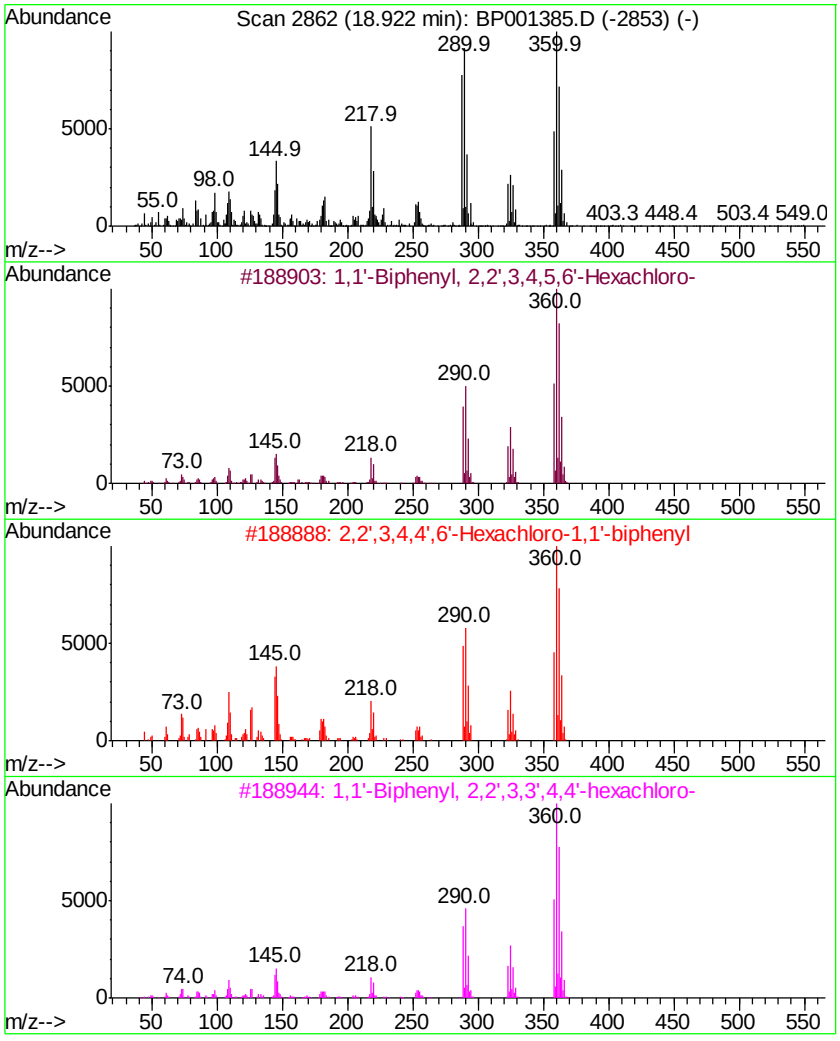
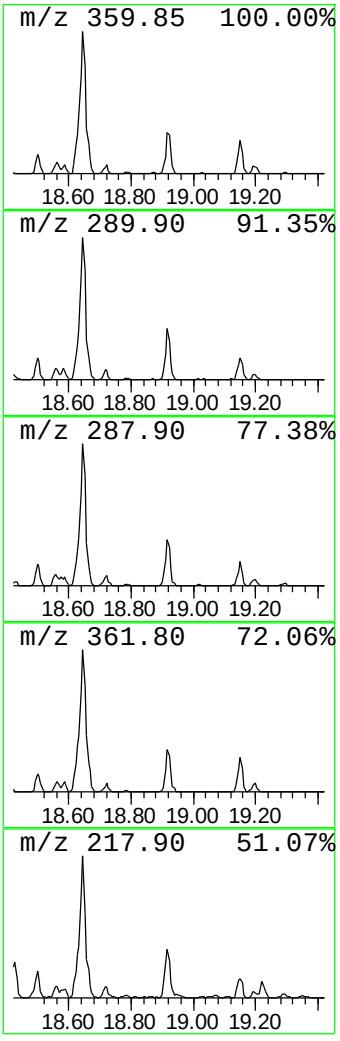
Peak Number 13 1,1'-Biphenyl, 2,2',3,4,5,6... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	3.46 ng	93471	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
2	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
3	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
4	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
5	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99





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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 1FT-TP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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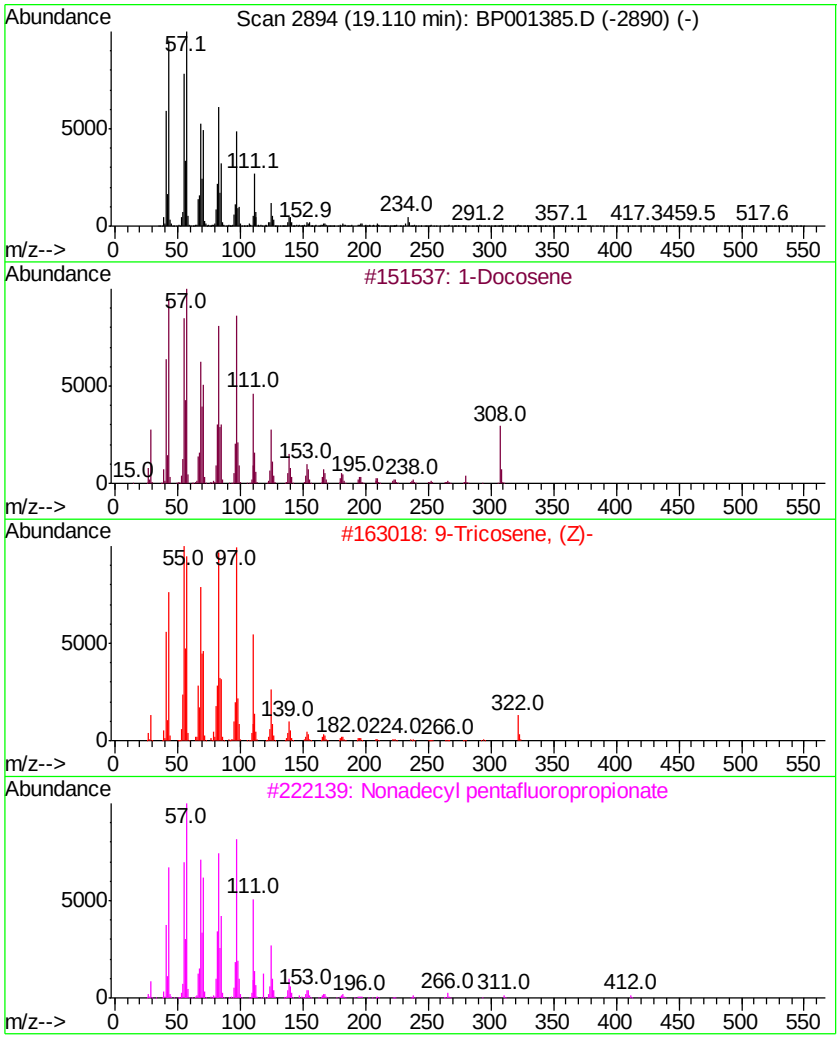
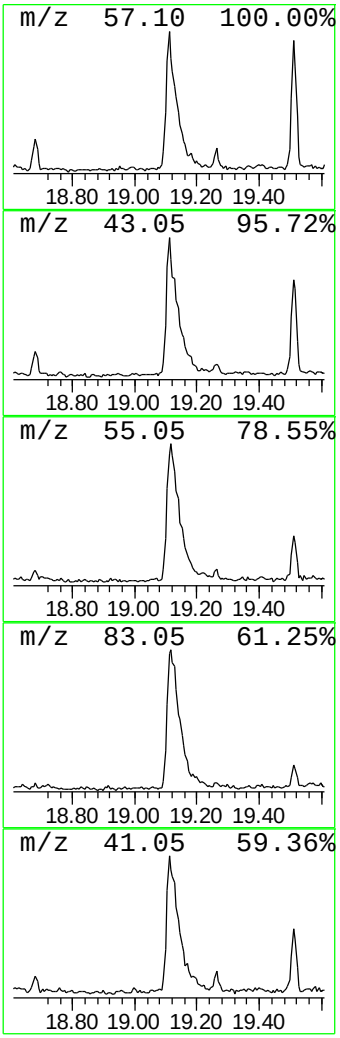
Peak Number 14 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	14.10 ng	380727	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
5	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91





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Sample : K6360-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 1FT-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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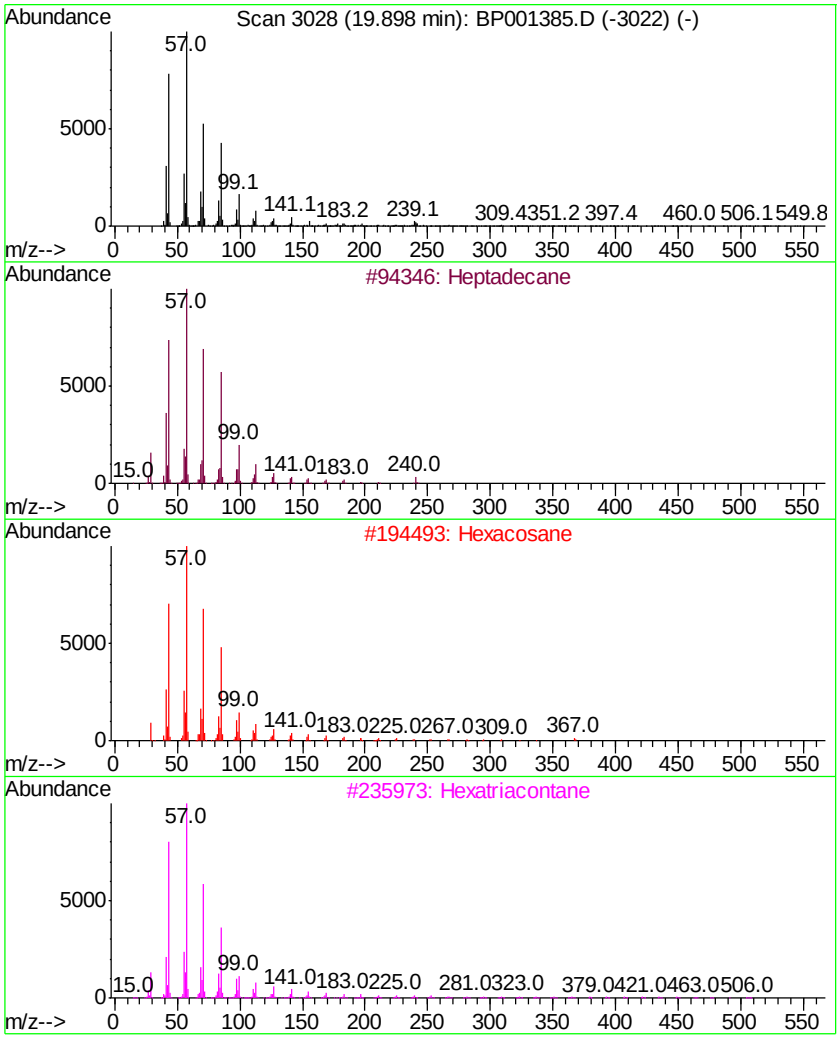
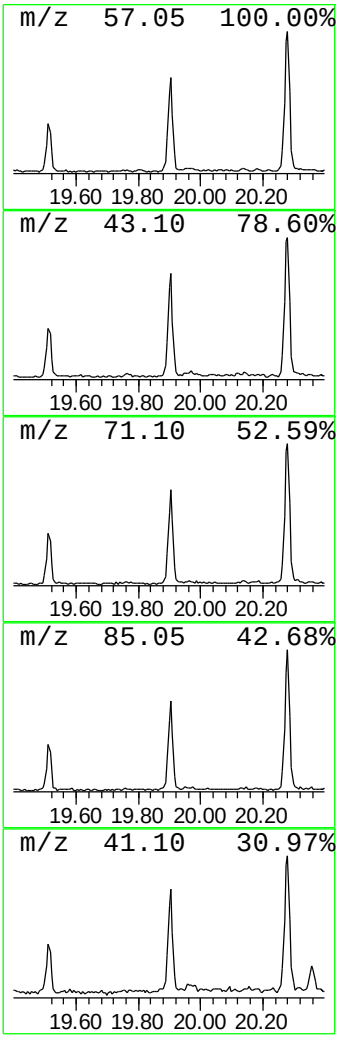
Peak Number 15 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	6.37 ng	172116	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Hexacosane	366	C26H54	000630-01-3	91
3	Hexatriacontane	507	C36H74	000630-06-8	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	Heptacosane	380	C27H56	000593-49-7	91





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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 1FT-TP

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

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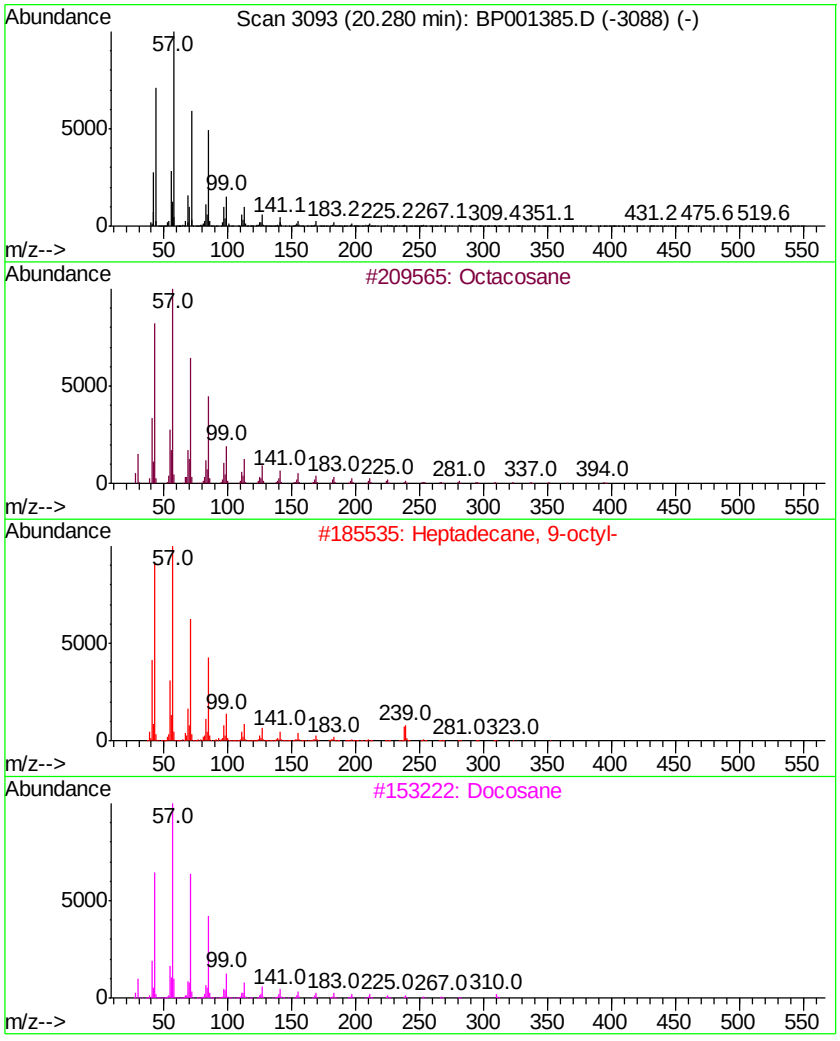
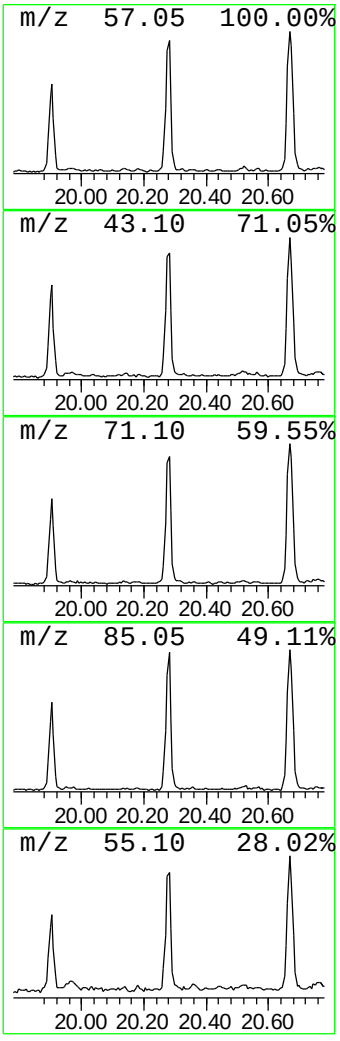
Peak Number 16 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	12.03 ng	242788	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Docosane	310	C22H46	000629-97-0	93
4	Pentacosane	352	C25H52	000629-99-2	93
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91





Library Search Compound Report

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Acq On : 24 Dec 2019 14:35
Operator : JU
Sample : K6360-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 1FT-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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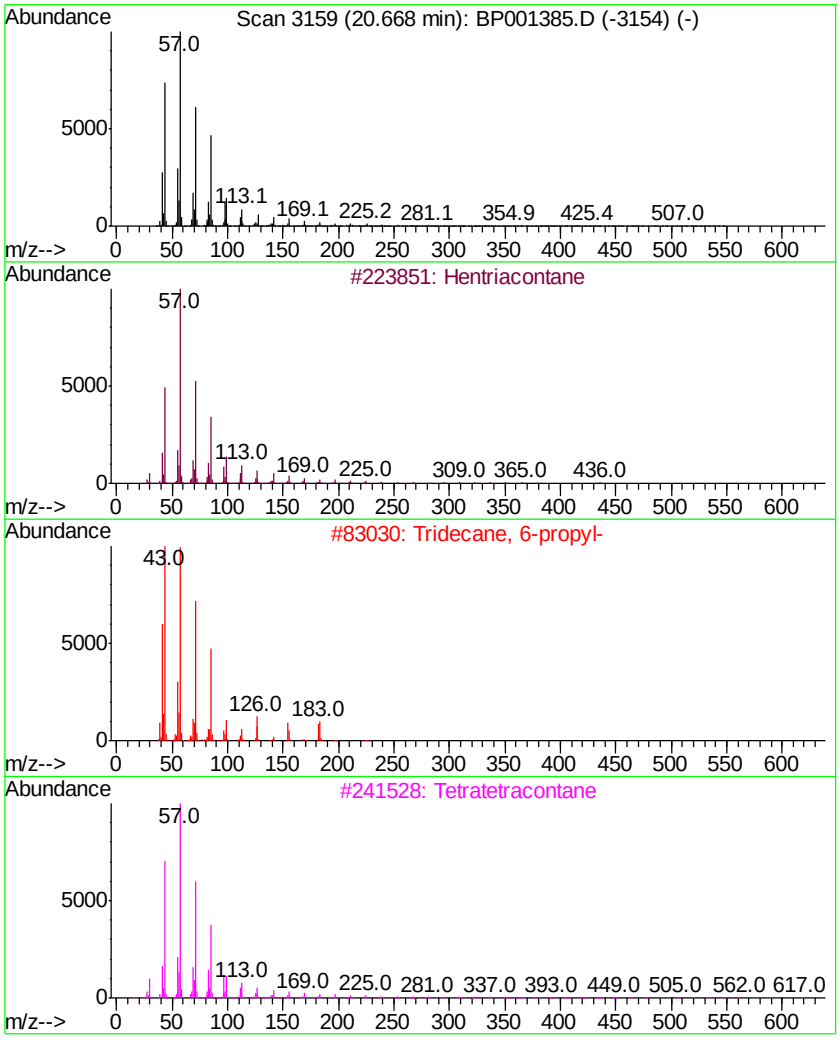
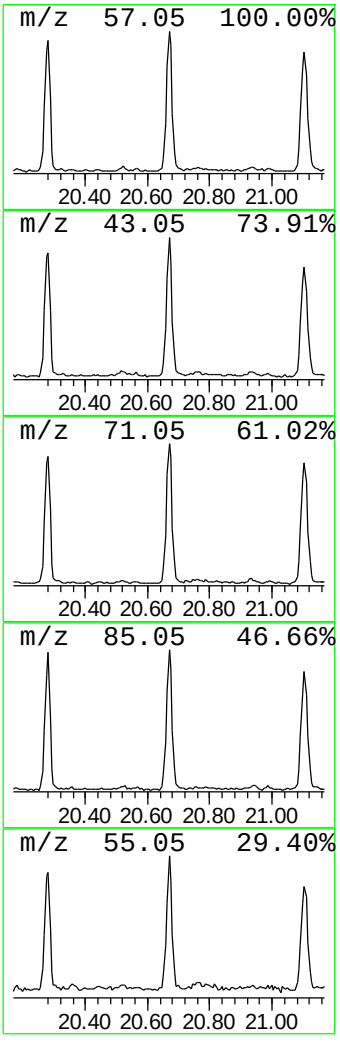
Peak Number 17 Hentriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	14.08 ng	284137	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	95
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001385.D
Acq On : 24 Dec 2019 14:35
Operator : JU
Sample : K6360-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 1FT-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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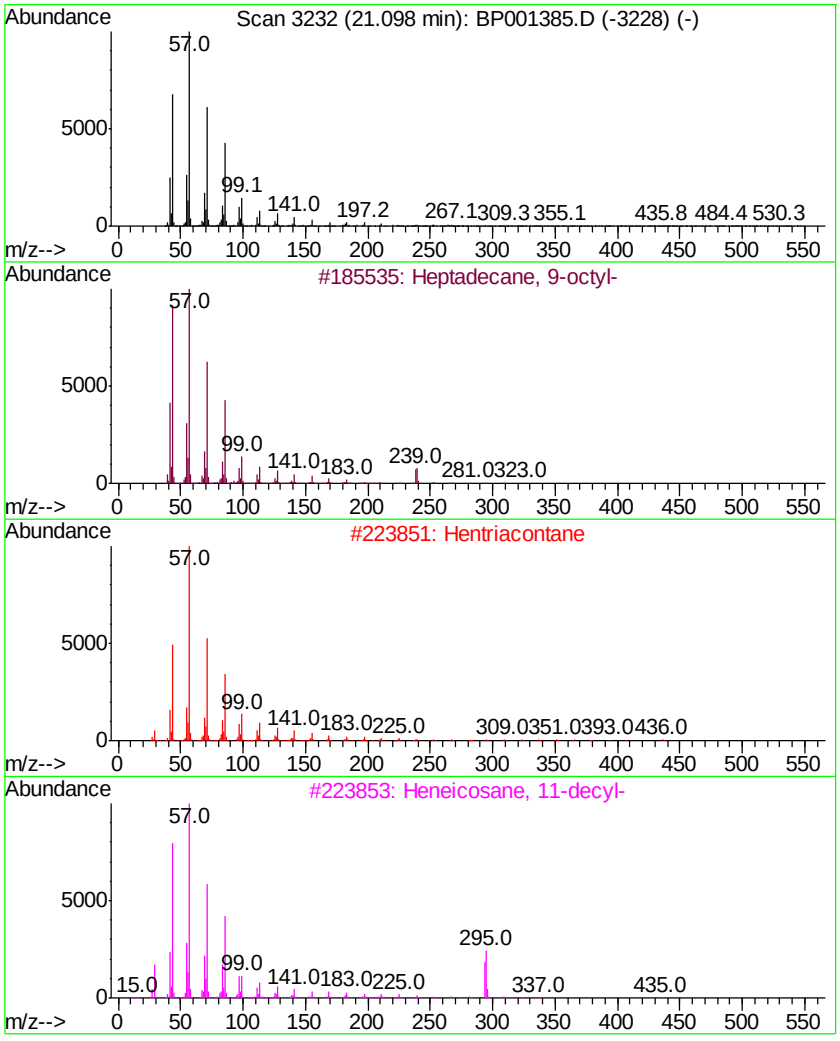
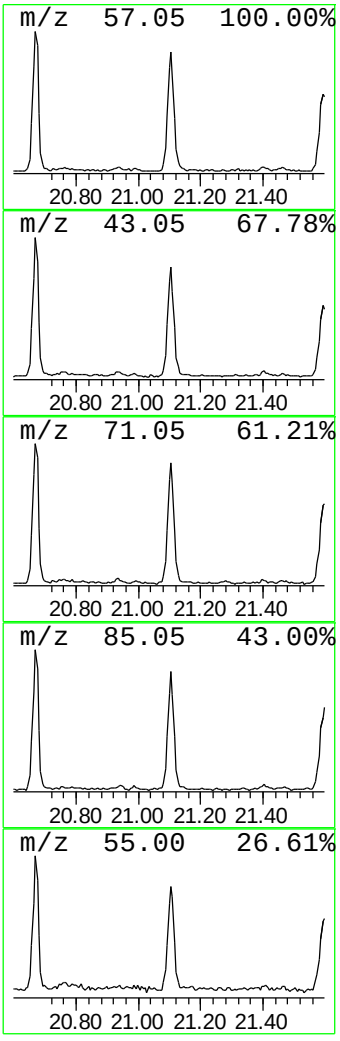
Peak Number 18 Heptadecane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	13.51 ng	272579	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Hentriacontane	437	C31H64	000630-04-6	95
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	94
4	Octacosane	394	C28H58	000630-02-4	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91





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Data File : BP001385.D
Acq On : 24 Dec 2019 14:35
Operator : JU
Sample : K6360-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 1FT-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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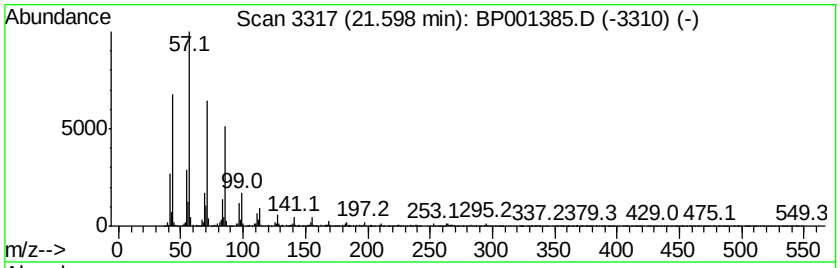
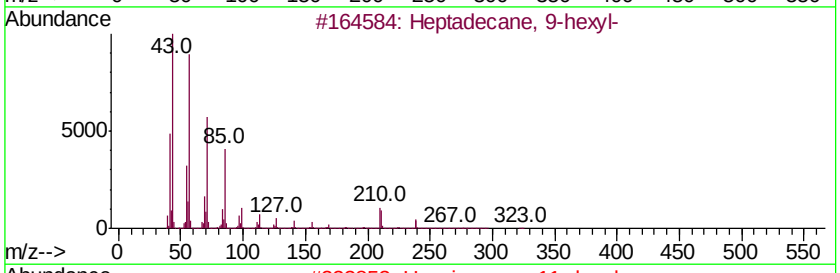
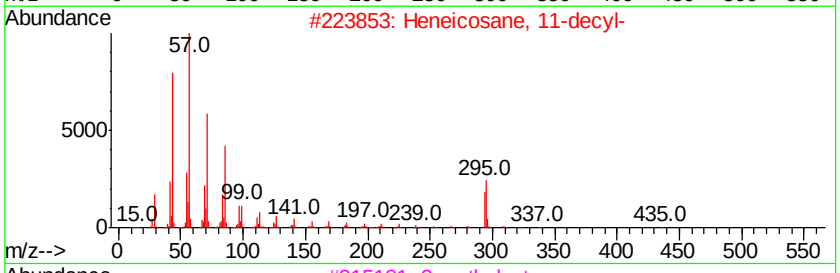
Peak Number 19 Heptadecane, 9-hexyl- Concentration Rank 8

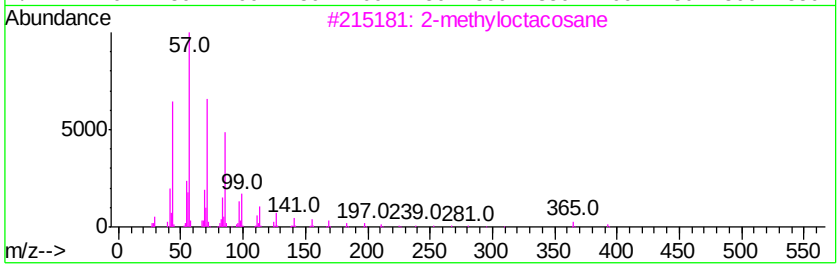
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.60	11.10 ng	223896	Perylene-d12	20.99

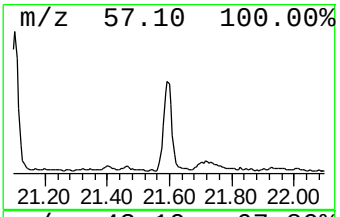
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	83

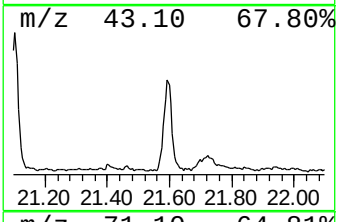


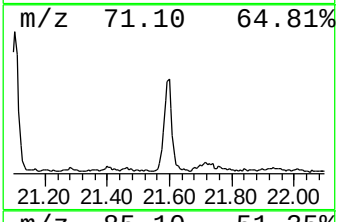


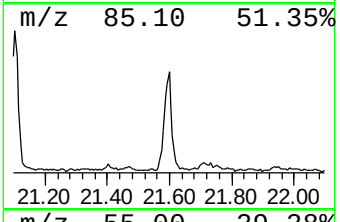


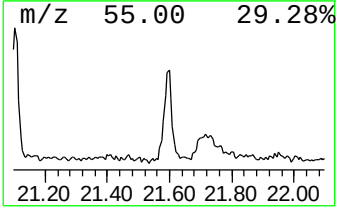












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001385.D
Acq On : 24 Dec 2019 14:35
Operator : JU
Sample : K6360-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 1FT-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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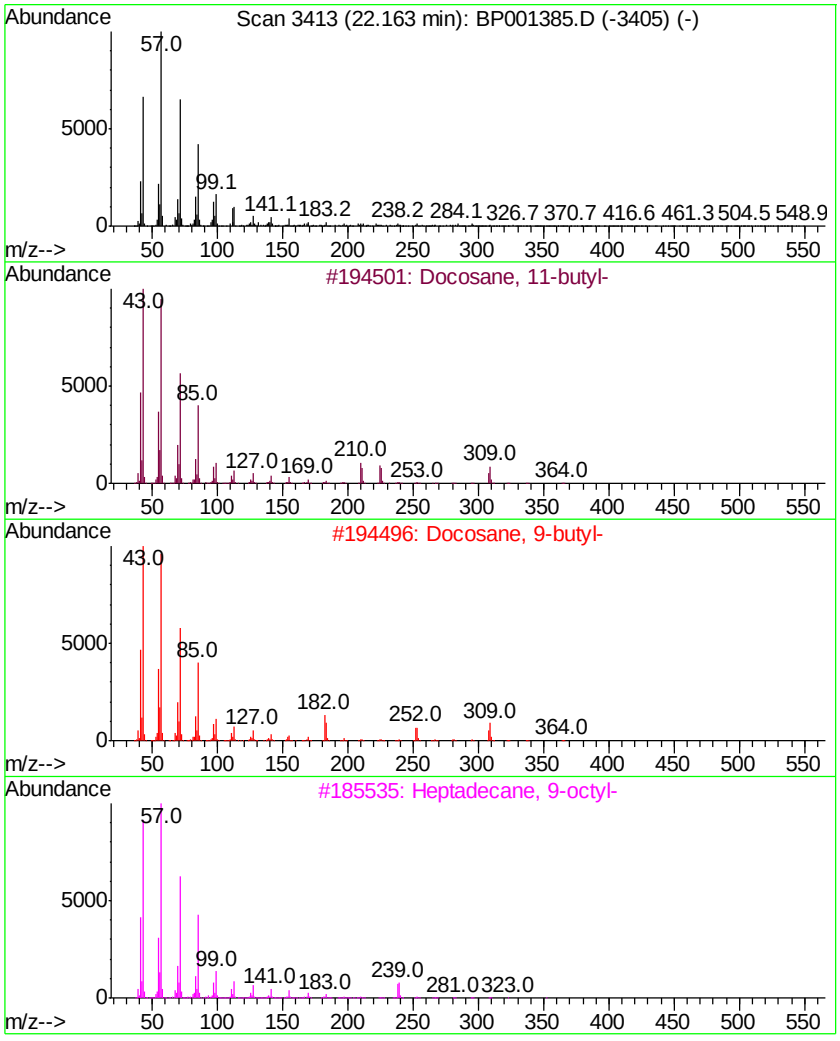
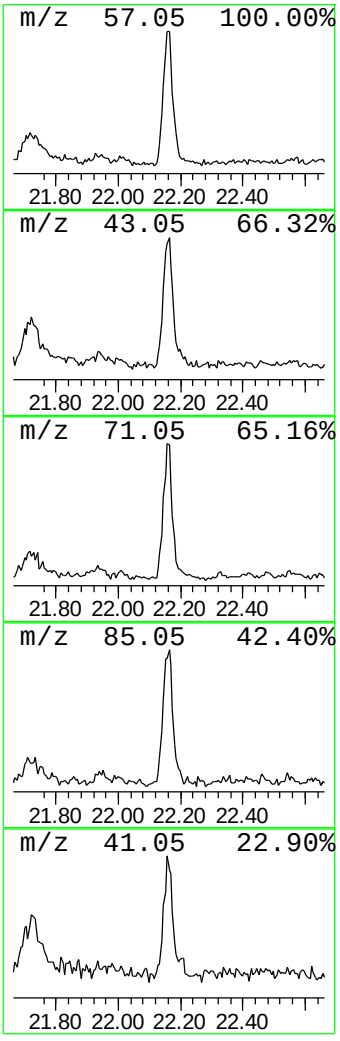
Peak Number 20 Docosane, 11-butyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.16	6.86 ng	138376	Perylene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
2	Docosane, 9-butyl-	366	C26H54	055282-14-9	94
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
4	Docosane	310	C22H46	000629-97-0	91
5	Heneicosane	296	C21H44	000629-94-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122419\
Data File : BP001385.D
Acq On : 24 Dec 2019 14:35
Operator : JU
Sample : K6360-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 1FT-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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
2-Pentanone, 4-hy...	5.60	16.3	ng	296470	1	8.28	364621	20.0
unknown7.93	7.93	94.9	ng	1730530	1	8.28	364621	20.0
n-Hexadecanoic acid	16.47	7.4	ng	216271	4	15.57	584848	20.0
1,1'-Biphenyl, 2,...	17.25	4.4	ng	129953	4	15.57	584848	20.0
1,1'-Biphenyl, 2,...	17.50	6.5	ng	176594	5	19.22	540194	20.0
1,1'-Biphenyl, 2'...	17.55	4.1	ng	111255	5	19.22	540194	20.0
2,2',3,4',5,6'-He...	18.12	3.6	ng	97691	5	19.22	540194	20.0
1,1'-Biphenyl, 2,...	18.16	9.9	ng	266189	5	19.22	540194	20.0
2,3,3',4',5,6-Hex...	18.37	5.1	ng	138253	5	19.22	540194	20.0
2,2',3,4',6-Penta...	18.43	4.6	ng	123796	5	19.22	540194	20.0
1,1'-Biphenyl, 2,...	18.65	10.1	ng	272821	5	19.22	540194	20.0
1,1'-Biphenyl, 2,...	18.92	3.5	ng	93471	5	19.22	540194	20.0
1-Docosene	19.11	14.1	ng	380727	5	19.22	540194	20.0
Heptadecane	19.90	6.4	ng	172116	5	19.22	540194	20.0
Octacosane	20.28	12.0	ng	242788	6	20.99	403507	20.0
Hentriacontane	20.67	14.1	ng	284137	6	20.99	403507	20.0
Heptadecane, 9-oc...	21.10	13.5	ng	272579	6	20.99	403507	20.0
Heptadecane, 9-he...	21.60	11.1	ng	223896	6	20.99	403507	20.0
Docosane, 11-butyl-	22.16	6.9	ng	138376	6	20.99	403507	20.0