LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019402.D
Acq On : 24 Mar 2019 21:13
Operator : JU/SJ
Sample : K2027-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09A8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM-EPA-BM032219MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.151	25	28	35	rVB	24664	32810	0.43%	0.065%
2	3.751	125	130	133	rVB3	7748	12129	0.16%	0.024%
3	4.951	327	334	349	rBV	5374605	7664008	100.00%	15.080%
4	6.698	626	631	633	rVB4	5522	7844	0.10%	0.015%
5	6.792	642	647	665	rBV2	106809	247852	3.23%	0.488%
6	6.957	669	675	690	rBV	353057	611481	7.98%	1.203%
7	7.139	700	706	726	rVB	438084	735165	9.59%	1.447%
8	7.492	759	766	775	rVB	158918	250629	3.27%	0.493%
9	7.604	779	785	787	rBV	522380	789559	10.30%	1.554%
10	7.639	787	791	804	rVB	2820547	4367836	56.99%	8.594%
11	7.951	835	844	860	rBV	2136112	3395172	44.30%	6.680%
12	8.322	901	907	920	rBV	303649	568371	7.42%	1.118%
13	8.775	976	984	1000	rBV	409733	789959	10.31%	1.554%
14	9.110	1035	1041	1045	rVB	23492	35917	0.47%	0.071%
15	9.222	1055	1060	1066	rBV5	7727	13673	0.18%	0.027%
16	9.486	1099	1105	1121	rBV	327923	603293	7.87%	1.187%
17	10.022	1189	1196	1217	rBV	399489	950464	12.40%	1.870%
18	10.251	1228	1235	1247	rVB	368245	588519	7.68%	1.158%
19	10.386	1251	1258	1267	rBV	689180	1141736	14.90%	2.247%
20	10.586	1287	1292	1304	rBV2	18720	49394	0.64%	0.097%
21	10.774	1318	1324	1331	rBV	27568	46245	0.60%	0.091%
22	11.063	1368	1373	1377	rBV3	4214	8108	0.11%	0.016%
23	11.592	1459	1463	1468	rVB2	12857	18616	0.24%	0.037%
24	12.010	1530	1534	1542	rVB3	5339	9858	0.13%	0.019%
25	12.445	1602	1608	1615	rVB3	10242	19418	0.25%	0.038%
26	13.080	1708	1716	1725	rVB3	79600	149362	1.95%	0.294%
27	13.286	1746	1751	1758	rBV2	40877	62040	0.81%	0.122%
28	13.680	1813	1818	1824	rBV	1062368	1565122	20.42%	3.080%
29	13.733	1824	1827	1838	rVB	67976	103348	1.35%	0.203%
30	13.957	1858	1865	1873	rBV	1349662	1940549	25.32%	3.818%
31	14.033	1876	1878	1882	rVB3	10752	11972	0.16%	0.024%
32	14.262	1910	1917	1929	rBV2	1031542	1560610	20.36%	3.071%
33	14.539	1958	1964	1969	rBV4	23148	57987	0.76%	0.114%
34	15.262	2081	2087	2105	rBV	1747922	2480746	32.37%	4.881%

LSC Area Percent Report

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Acq On : 24 Mar 2019 21:13
Operator : JU/SJ
Sample : K2027-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09A8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM-EPA-BM032219MA.M
Title : SVOA CALIBRATION

35	15.404	2106	2111	2124	rVV	399620	628628	8.20%	1.237%
36	15.504	2125	2128	2133	rVB	18481	26453	0.35%	0.052%
37	16.051	2218	2221	2228	rVB6	6454	8718	0.11%	0.017%
38	16.815	2347	2351	2356	rVB3	6090	9147	0.12%	0.018%
39	17.021	2380	2386	2397	rBV	1365734	1854571	24.20%	3.649%
40	17.121	2397	2403	2420	rVV	1922713	2798995	36.52%	5.507%
41	17.915	2532	2538	2548	rBV	106169	197481	2.58%	0.389%
42	19.062	2728	2733	2741	rBV2	23458	44360	0.58%	0.087%
43	19.203	2753	2757	2766	rBV	86735	140755	1.84%	0.277%
44	19.315	2773	2776	2780	rBV	17451	19794	0.26%	0.039%
45	19.427	2789	2795	2807	rBV2	2524750	3370750	43.98%	6.632%
46	19.662	2833	2835	2840	rBV4	7298	10168	0.13%	0.020%
47	20.927	3046	3050	3061	rBV3	81048	194350	2.54%	0.382%
48	21.227	3095	3101	3111	rBV	1674325	2354249	30.72%	4.632%
49	21.362	3121	3124	3129	rBV3	56690	71363	0.93%	0.140%
50	21.786	3193	3196	3200	rBV	107699	128288	1.67%	0.252%
51	22.238	3270	3273	3277	rBV	188121	223299	2.91%	0.439%
52	22.738	3354	3358	3366	rVB	249399	345369	4.51%	0.680%
53	23.297	3446	3453	3466	rBV	2455039	4262775	55.62%	8.388%
54	23.438	3470	3477	3490	rBV	1323777	2493197	32.53%	4.906%
55	23.921	3554	3559	3569	rVB	231895	416623	5.44%	0.820%
56	24.650	3678	3683	3692	rVB2	168809	333516	4.35%	0.656%

Sum of corrected areas: 50822641

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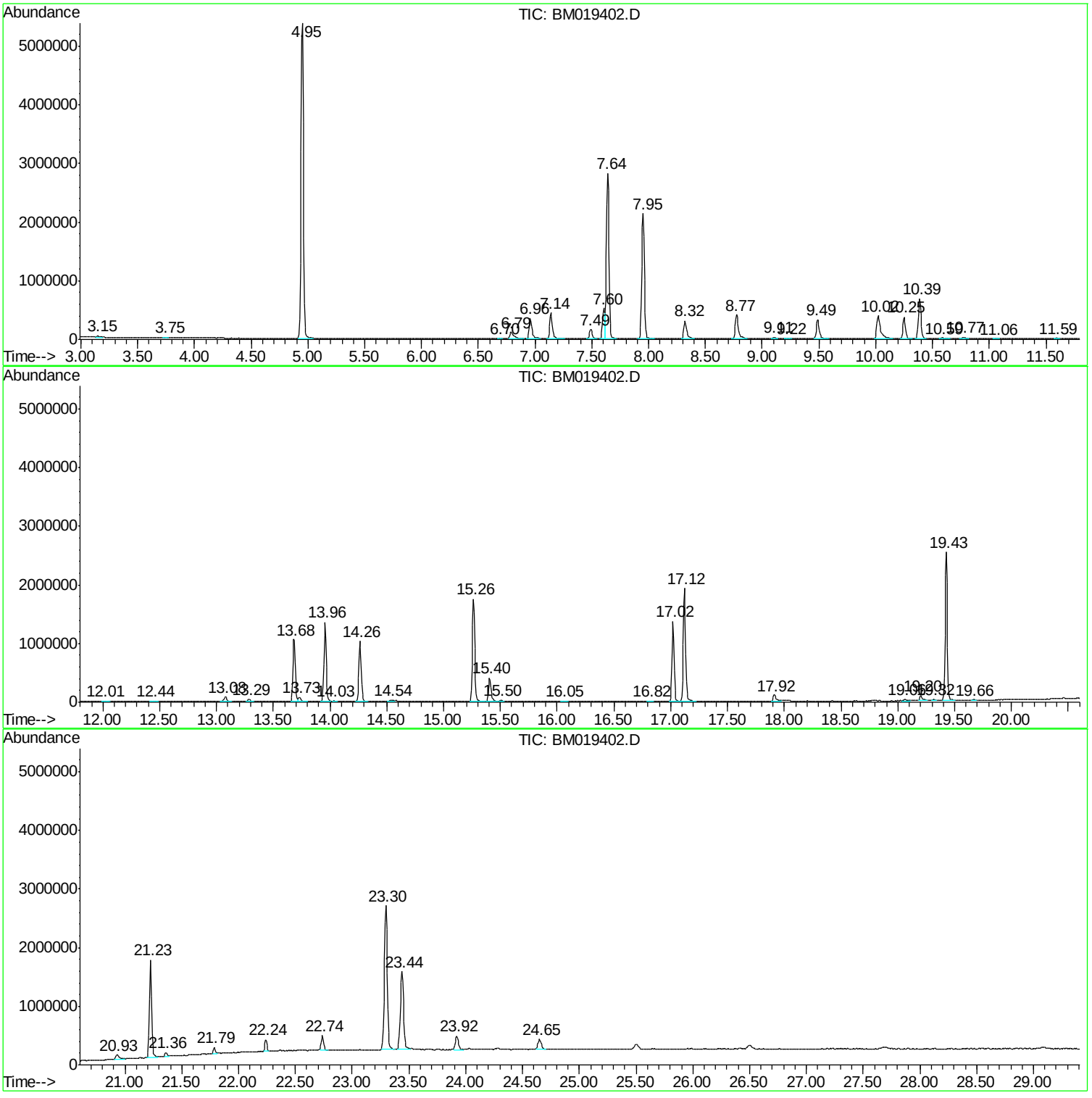
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C09A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Data File : BM019402.D
Acq On : 24 Mar 2019 21:13
Operator : JU/SJ
Sample : K2027-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

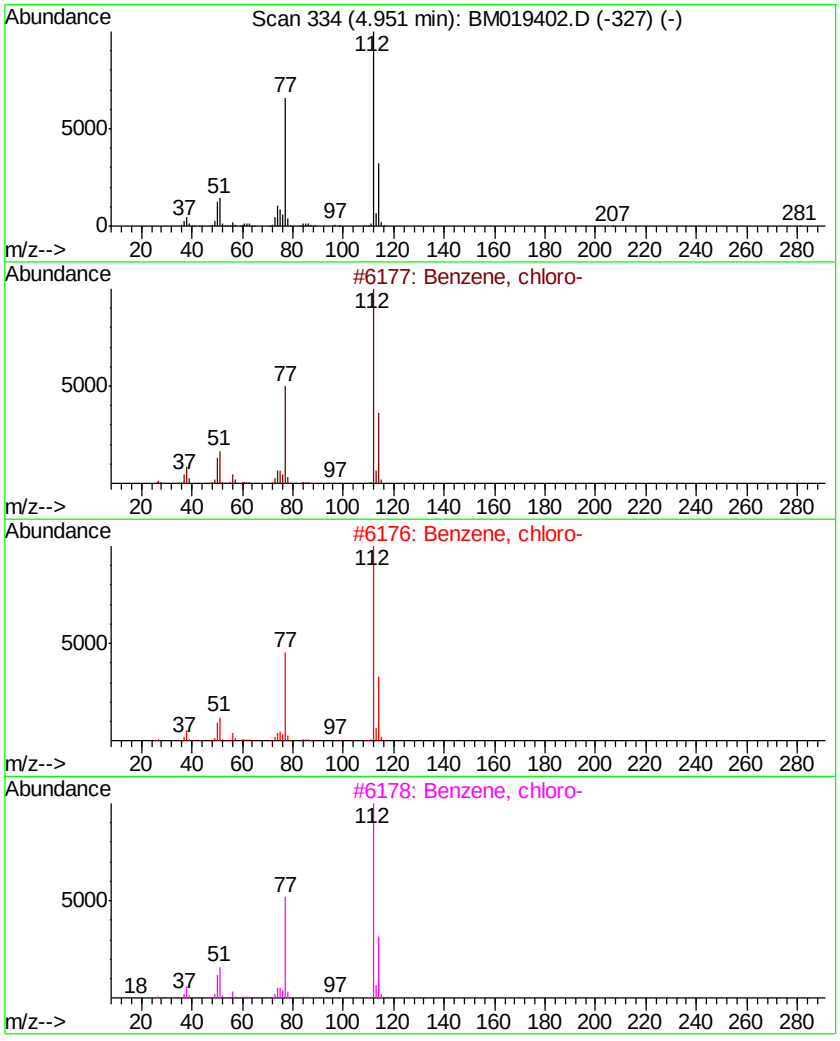
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

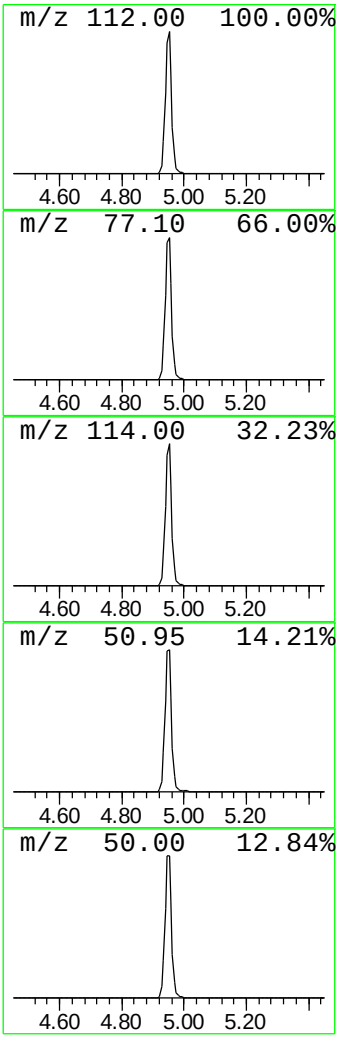
****

Peak Number 1 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	194.13 ng/ul	7664010	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
5	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	38





Library Search Compound Report

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Data File : BM019402.D
Acq On : 24 Mar 2019 21:13
Operator : JU/SJ
Sample : K2027-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

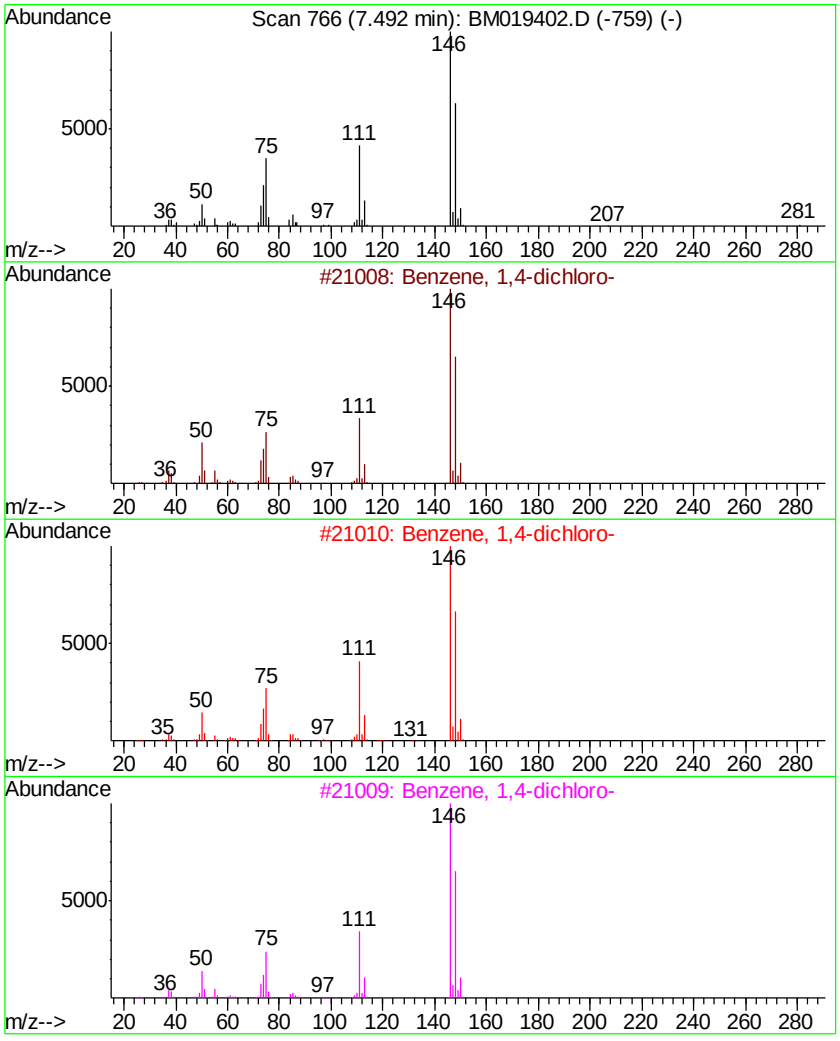
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

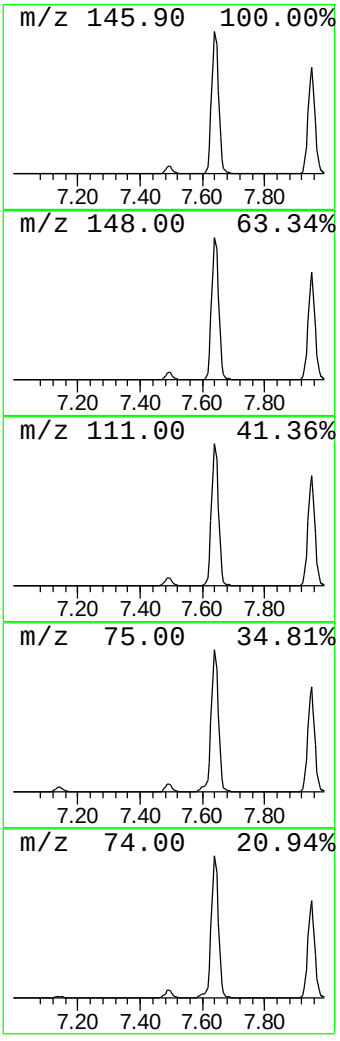
****

Peak Number 2 Benzene, 1,4-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	6.35 ng/ul	250629	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	95
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	95
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	94





Library Search Compound Report

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Data File : BM019402.D
Acq On : 24 Mar 2019 21:13
Operator : JU/SJ
Sample : K2027-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

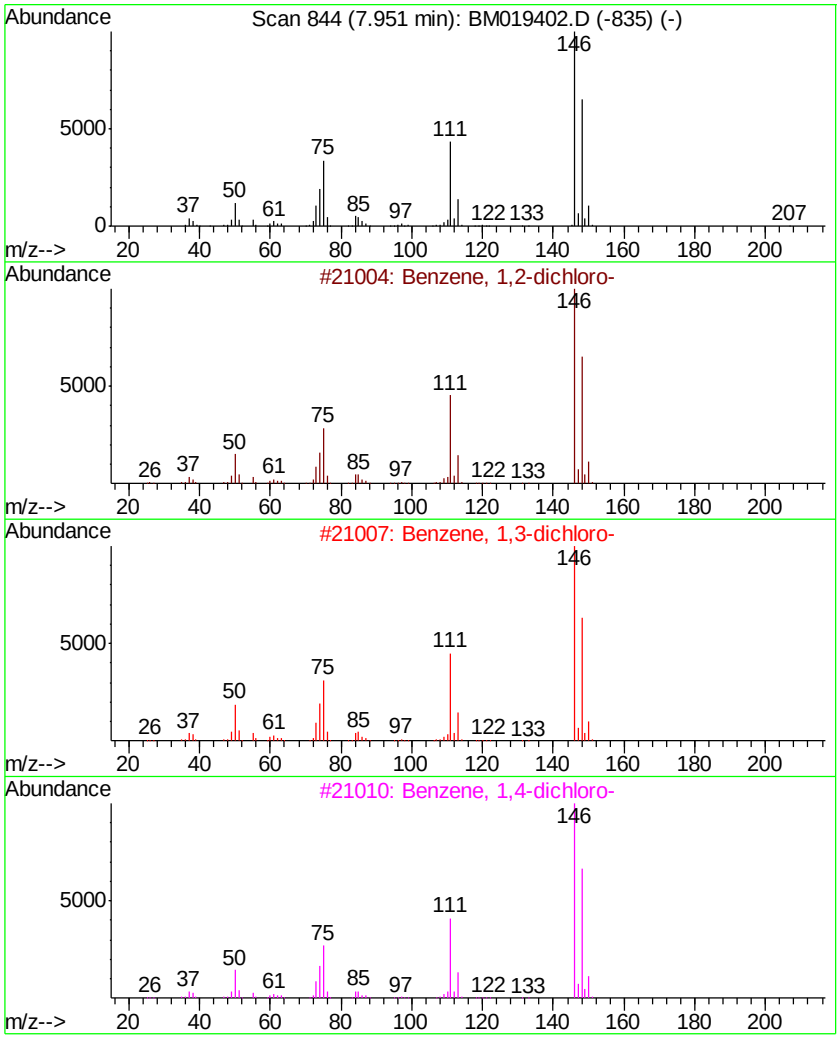
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

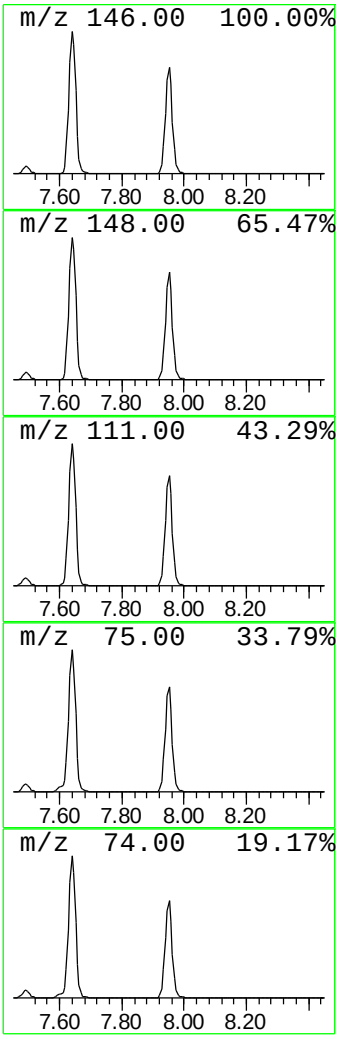
****

Peak Number 3 Benzene, 1,2-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	86.00 ng/ul	3395170	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
2	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	95





Library Search Compound Report

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Operator : JU/SJ
Sample : K2027-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

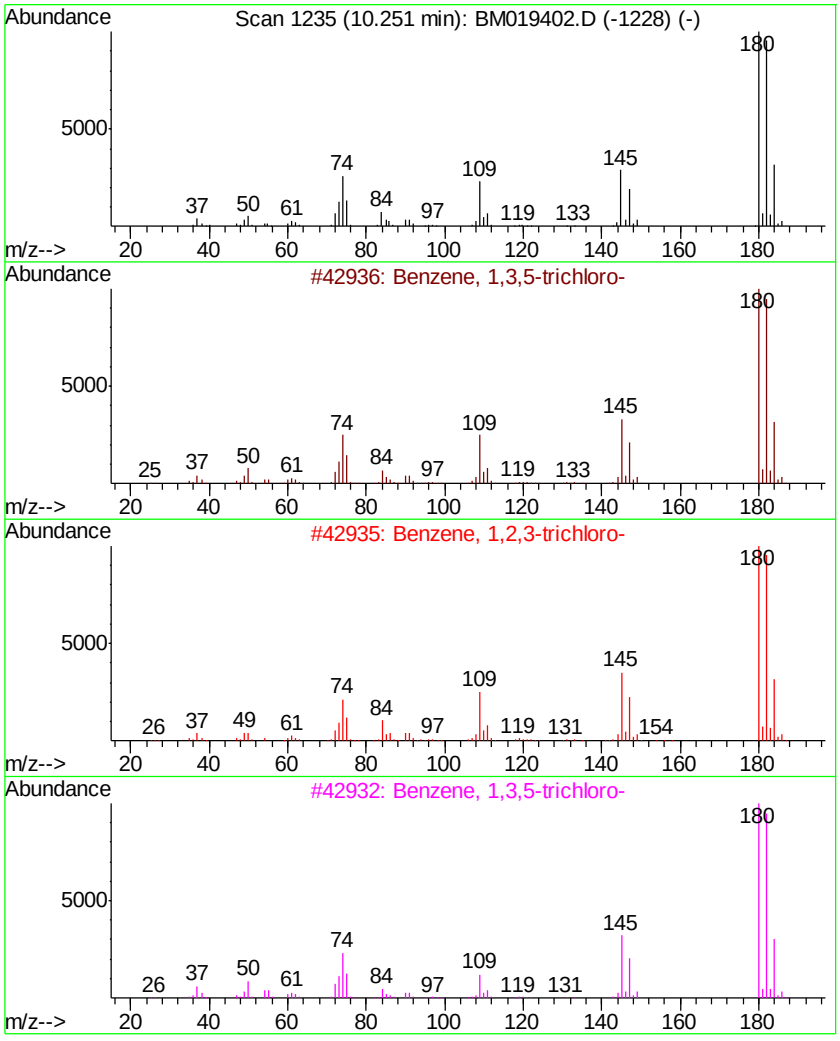
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

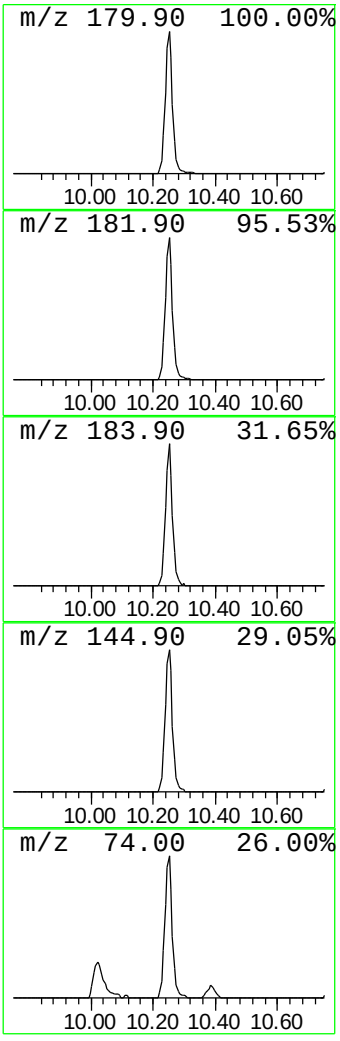
****

Peak Number 4 Benzene, 1,3,5-trichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	10.31 ng/ul	588519	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
2	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
3	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
4	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	97
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96





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Sample : K2027-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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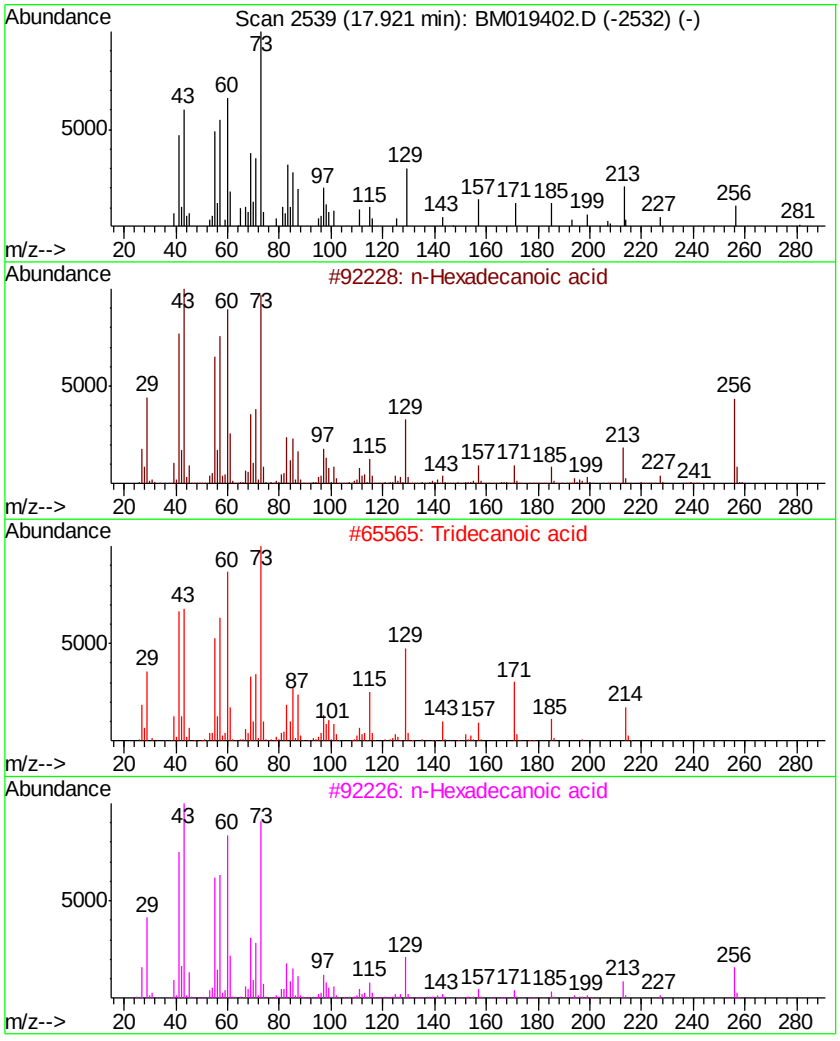
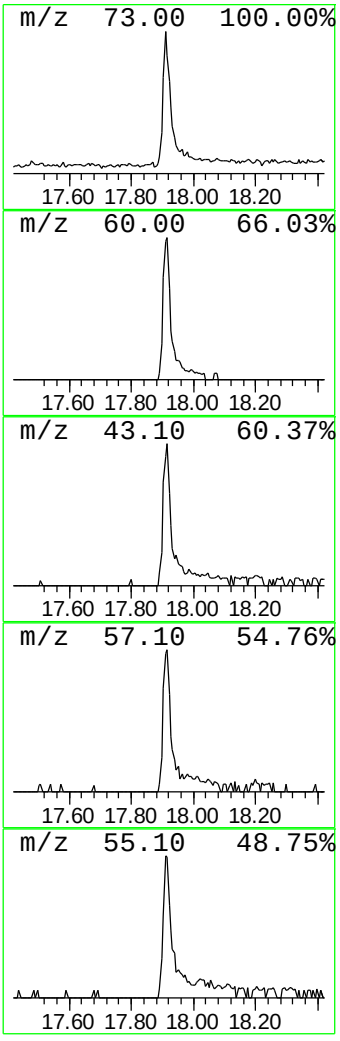
Peak Number 5 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.13 ng/ul	197481	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





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Quant Title : SVOA CALIBRATION

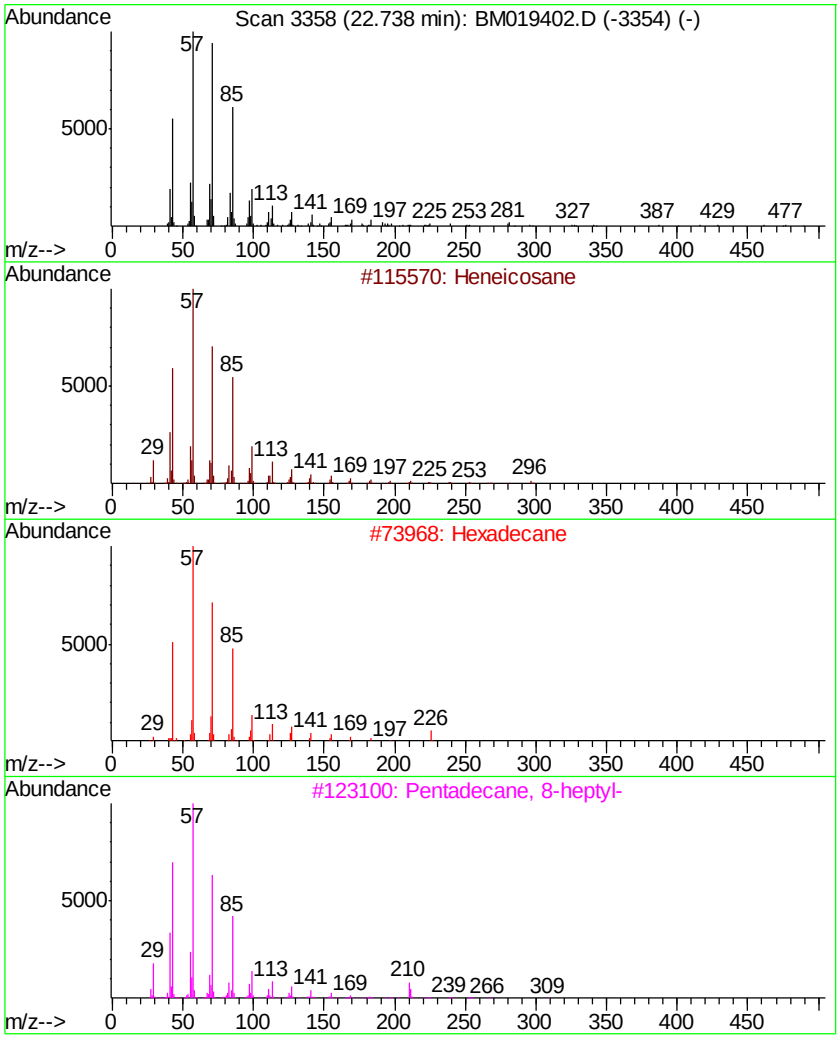
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

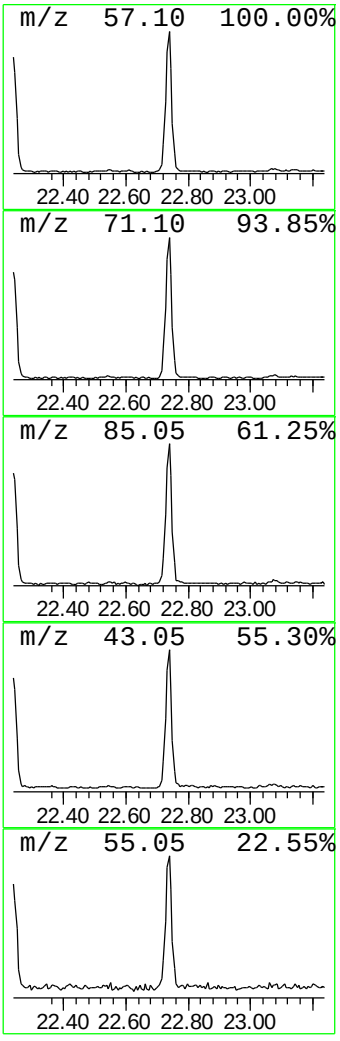
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	2.77 ng/ul	345369	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
5	Heptacosane	380	C27H56	000593-49-7	83





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Sample : K2027-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

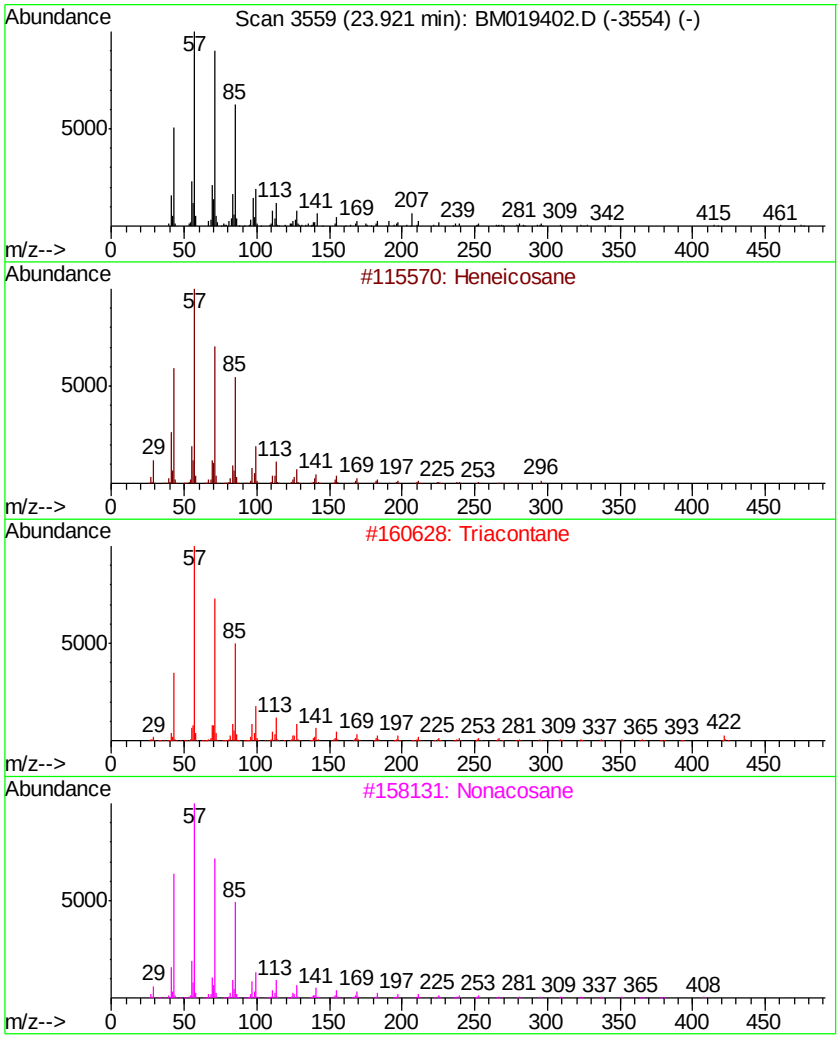
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

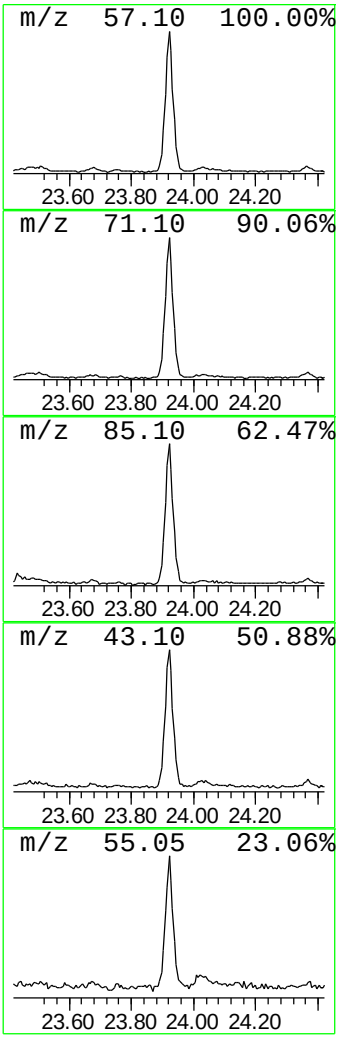
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	3.34 ng/ul	416623	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	92
2	Triacontane	422	C30H62	000638-68-6	91
3	Nonacosane	408	C29H60	000630-03-5	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019402.D
Acq On : 24 Mar 2019 21:13
Operator : JU/SJ
Sample : K2027-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09A8

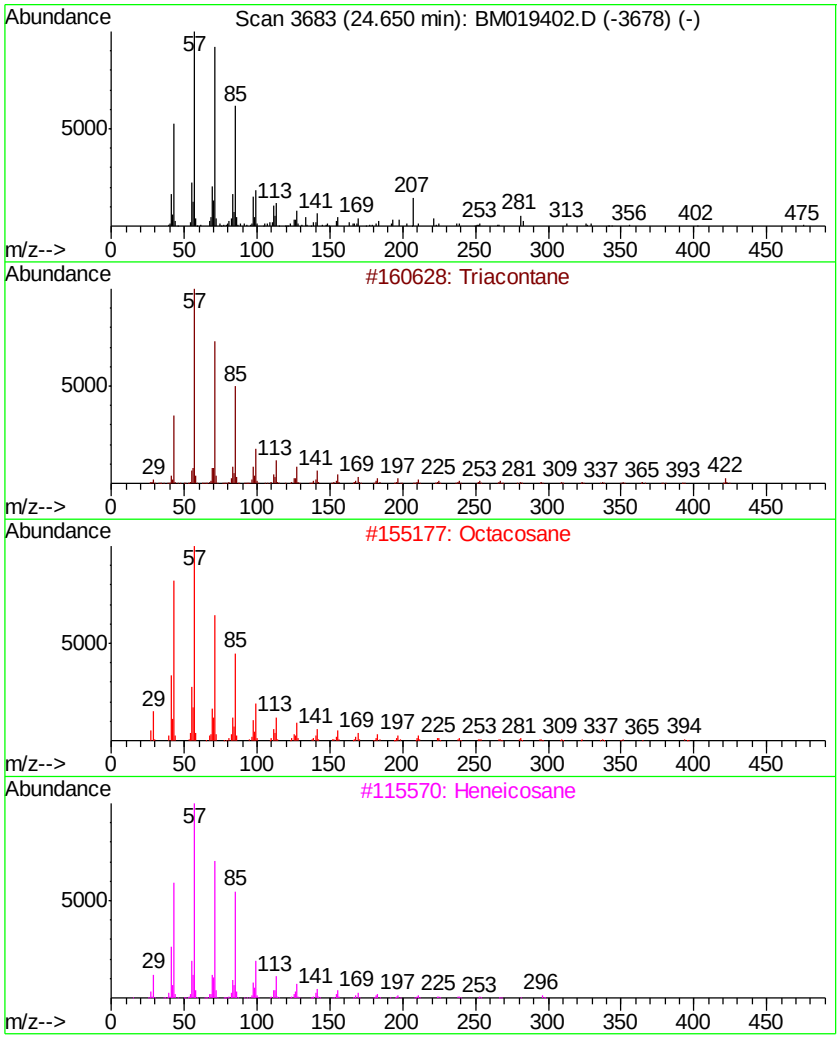
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

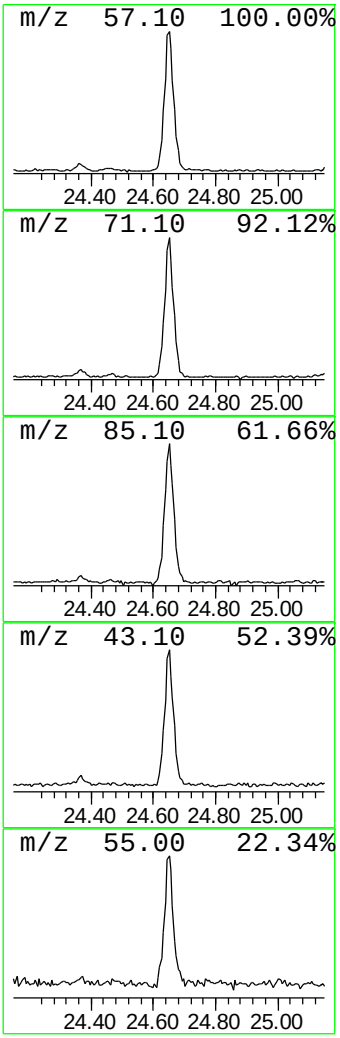
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.65	2.68 ng/ul	333516	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	87
2	Octacosane	394	C28H58	000630-02-4	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
5	Nonacosane	408	C29H60	000630-03-5	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032419\
Data File : BM019402.D
Acq On : 24 Mar 2019 21:13
Operator : JU/SJ
Sample : K2027-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, chloro-	4.95	194.1	ng/ul	7664010	1	7.60	789559	20.0
Benzene, 1,4-dich...	7.49	6.3	ng/ul	250629	1	7.60	789559	20.0
Benzene, 1,2-dich...	7.95	86.0	ng/ul	3395170	1	7.60	789559	20.0
Benzene, 1,3,5-tr...	10.25	10.3	ng/ul	588519	2	10.39	1141740	20.0
n-Hexadecanoic acid	17.92	2.1	ng/ul	197481	4	17.02	1854570	20.0
(DEL) Alkane: Str...	22.74	2.8	ng/ul	345369	6	23.44	2493200	20.0
(DEL) Alkane: Str...	23.92	3.3	ng/ul	416623	6	23.44	2493200	20.0
(DEL) Alkane: Str...	24.65	2.7	ng/ul	333516	6	23.44	2493200	20.0