LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023728.D
Acq On : 14 Nov 2019 22:05
Operator : JU
Sample : K5700-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGZ1

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-BM111119MA.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	3.063	27	30	35	rBV	80842	102925	1.20%	0.121%
2	3.775	149	151	158	rVB2	22419	28585	0.33%	0.034%
3	3.916	172	175	179	rBV2	10540	13427	0.16%	0.016%
4	4.146	211	214	219	rBV6	13745	17572	0.21%	0.021%
5	5.104	374	377	384	rVB7	11810	19951	0.23%	0.023%
6	6.722	646	652	664	rVB2	255315	482365	5.65%	0.566%
7	6.875	672	678	692	rBV	926285	1504390	17.61%	1.765%
8	7.069	702	711	723	rBV	1025616	1671460	19.57%	1.961%
9	7.528	781	789	798	rBV	1175633	1846574	21.62%	2.167%
10	7.616	800	804	810	rVB2	14416	24866	0.29%	0.029%
11	8.245	905	911	922	rBV	757280	1258672	14.73%	1.477%
12	8.351	927	929	936	rVB5	12199	21466	0.25%	0.025%
13	8.681	977	985	1000	rBV	1168258	1921180	22.49%	2.254%
14	8.792	1002	1004	1009	rVB5	8072	10626	0.12%	0.012%
15	8.857	1012	1015	1021	rBV7	9352	16283	0.19%	0.019%
16	9.139	1058	1063	1067	rBV5	11077	17921	0.21%	0.021%
17	9.398	1100	1107	1119	rBV	978774	1626477	19.04%	1.908%
18	9.939	1192	1199	1217	rBV	1491645	2590315	30.32%	3.039%
19	10.098	1222	1226	1231	rVB7	5435	12106	0.14%	0.014%
20	10.304	1253	1261	1268	rBV	1628422	2660852	31.15%	3.122%
21	10.457	1280	1287	1297	rBV	58098	117440	1.37%	0.138%
22	10.963	1367	1373	1379	rBV2	35693	66732	0.78%	0.078%
23	11.910	1529	1534	1542	rBV	25115	43582	0.51%	0.051%
24	12.092	1558	1565	1568	rBV7	9054	15737	0.18%	0.018%
25	12.480	1626	1631	1637	rVB4	49748	74400	0.87%	0.087%
26	12.798	1681	1685	1690	rBV6	4569	8690	0.10%	0.010%
27	13.610	1816	1823	1828	rVV	2996459	4251054	49.77%	4.988%
28	13.651	1828	1830	1840	rVV	135595	183953	2.15%	0.216%
29	13.757	1843	1848	1852	rVB6	10405	18834	0.22%	0.022%
30	13.874	1858	1868	1879	rBV	3559538	5167388	60.49%	6.063%
31	14.115	1904	1909	1913	rVB7	8542	13418	0.16%	0.016%
32	14.186	1913	1921	1931	rBV2	2566343	3722925	43.58%	4.368%
33	14.280	1933	1937	1944	rVB	29417	44707	0.52%	0.052%
34	14.415	1954	1960	1971	rBV	141245	309698	3.63%	0.363%

LSC Area Percent Report

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Operator : JU
Sample : K5700-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGZ1

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-BM111119MA.M
Title : SVOA CALIBRATION

35	14.639	1992	1998	2001	rVB7	11312	21551	0.25%	0.025%
36	14.892	2038	2041	2044	rVB2	12309	15025	0.18%	0.018%
37	15.021	2058	2063	2068	rVB5	11007	18728	0.22%	0.022%
38	15.074	2068	2072	2074	rBV3	7890	9673	0.11%	0.011%
39	15.186	2084	2091	2104	rBV	4597068	6537128	76.53%	7.670%
40	15.315	2107	2113	2124	rVV	1211606	1723788	20.18%	2.023%
41	15.427	2128	2132	2138	rVB2	56388	85171	1.00%	0.100%
42	15.557	2151	2154	2160	rVB	38109	53378	0.62%	0.063%
43	15.868	2203	2207	2213	rBV2	20157	28395	0.33%	0.033%
44	15.974	2220	2225	2232	rVB5	22138	37122	0.43%	0.044%
45	16.356	2284	2290	2294	rBV8	13584	26815	0.31%	0.031%
46	16.551	2320	2323	2328	rVB2	25702	35672	0.42%	0.042%
47	16.615	2331	2334	2341	rVB7	11817	17424	0.20%	0.020%
48	16.680	2341	2345	2348	rBV5	7868	12098	0.14%	0.014%
49	16.727	2349	2353	2358	rVB2	17167	28911	0.34%	0.034%
50	16.939	2382	2389	2399	rBV	3018823	4315658	50.52%	5.064%
51	17.033	2399	2405	2420	rVV2	4859667	7116955	83.32%	8.351%
52	17.145	2422	2424	2429	rVB6	12868	18982	0.22%	0.022%
53	17.621	2500	2505	2510	rBV	442128	577597	6.76%	0.678%
54	17.745	2521	2526	2530	rBV4	24590	34408	0.40%	0.040%
55	17.792	2531	2534	2537	rBV5	8495	10016	0.12%	0.012%
56	17.862	2541	2546	2554	rBV	217813	343686	4.02%	0.403%
57	18.098	2584	2586	2592	rVB7	15823	20764	0.24%	0.024%
58	18.345	2625	2628	2633	rVB	46949	59963	0.70%	0.070%
59	18.433	2637	2643	2648	rBV8	28507	46493	0.54%	0.055%
60	18.974	2731	2735	2737	rBV	63382	78989	0.92%	0.093%
61	19.003	2737	2740	2742	rVV2	58879	75325	0.88%	0.088%
62	19.033	2742	2745	2753	rVB9	45997	82395	0.96%	0.097%
63	19.150	2762	2765	2772	rBV3	109313	160607	1.88%	0.188%
64	19.227	2775	2778	2783	rVB	55782	66855	0.78%	0.078%
65	19.339	2791	2797	2804	rBV	6152804	8297235	97.13%	9.735%
66	20.374	2969	2973	2978	rBV	2523674	2755660	32.26%	3.233%
67	20.880	3055	3059	3064	rBV2	682192	880869	10.31%	1.034%
68	21.139	3098	3103	3111	rBV	3969670	4955718	58.01%	5.815%
69	21.321	3131	3134	3139	rBV	268703	307249	3.60%	0.361%
70	21.744	3203	3206	3214	rBV2	357092	452236	5.29%	0.531%
71	22.191	3279	3282	3286	rVB	516158	595563	6.97%	0.699%

LSC Area Percent Report

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Acq On : 14 Nov 2019 22:05
Operator : JU
Sample : K5700-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGZ1

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-BM111119MA.M
Title : SVOA CALIBRATION

72	22.680	3361	3365	3371	rVB	583789	803504	9.41%	0.943%
73	23.162	3441	3447	3453	rBV	4996662	8542137	100.00%	10.023%
74	23.221	3454	3457	3463	rVB	605391	918272	10.75%	1.077%
75	23.297	3464	3470	3481	rVB	2857197	5172070	60.55%	6.069%

Sum of corrected areas: 85226656

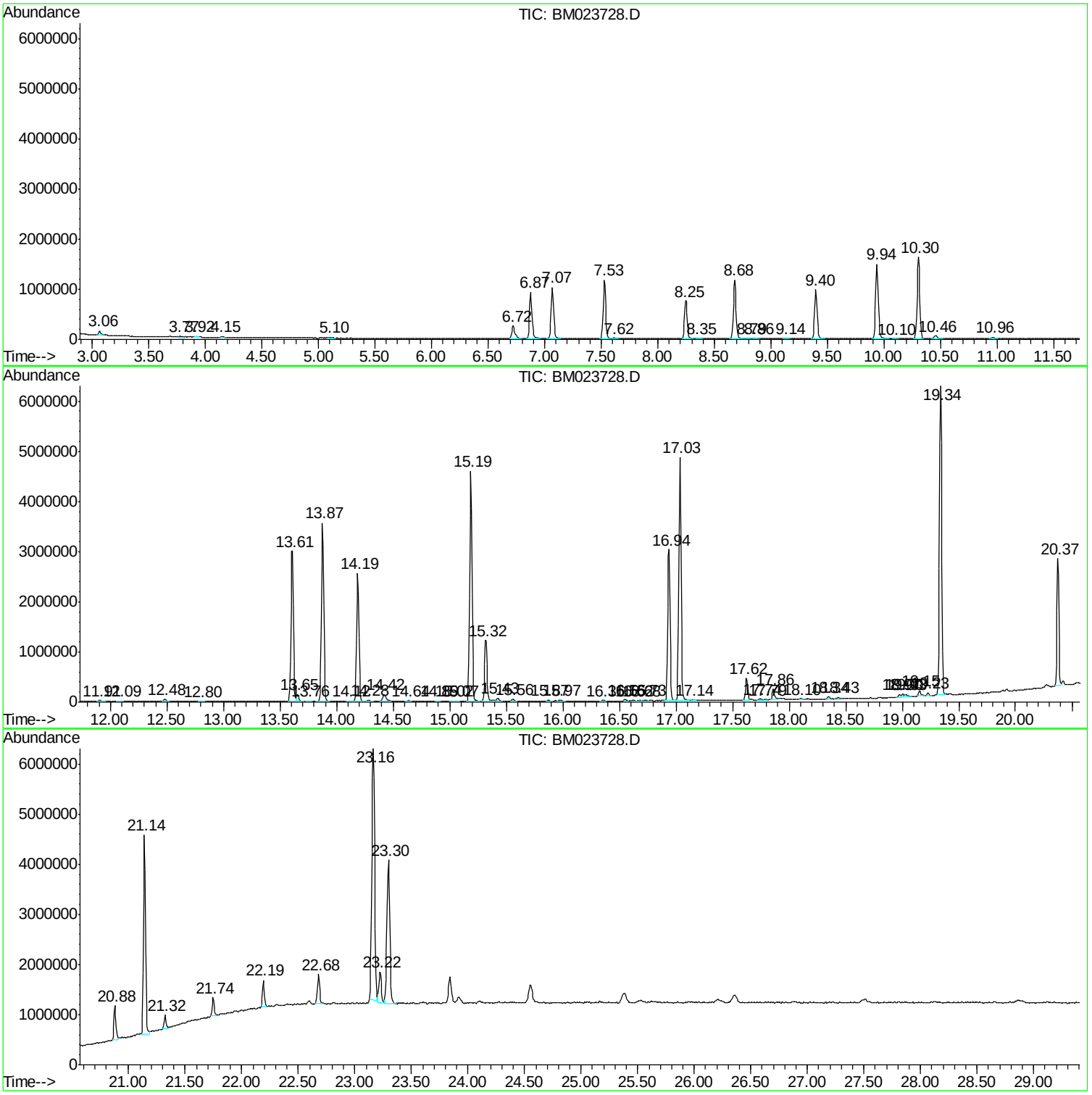
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023728.D
Acq On : 14 Nov 2019 22:05
Operator : JU
Sample : K5700-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGZ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023728.D
Acq On : 14 Nov 2019 22:05
Operator : JU
Sample : K5700-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGZ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

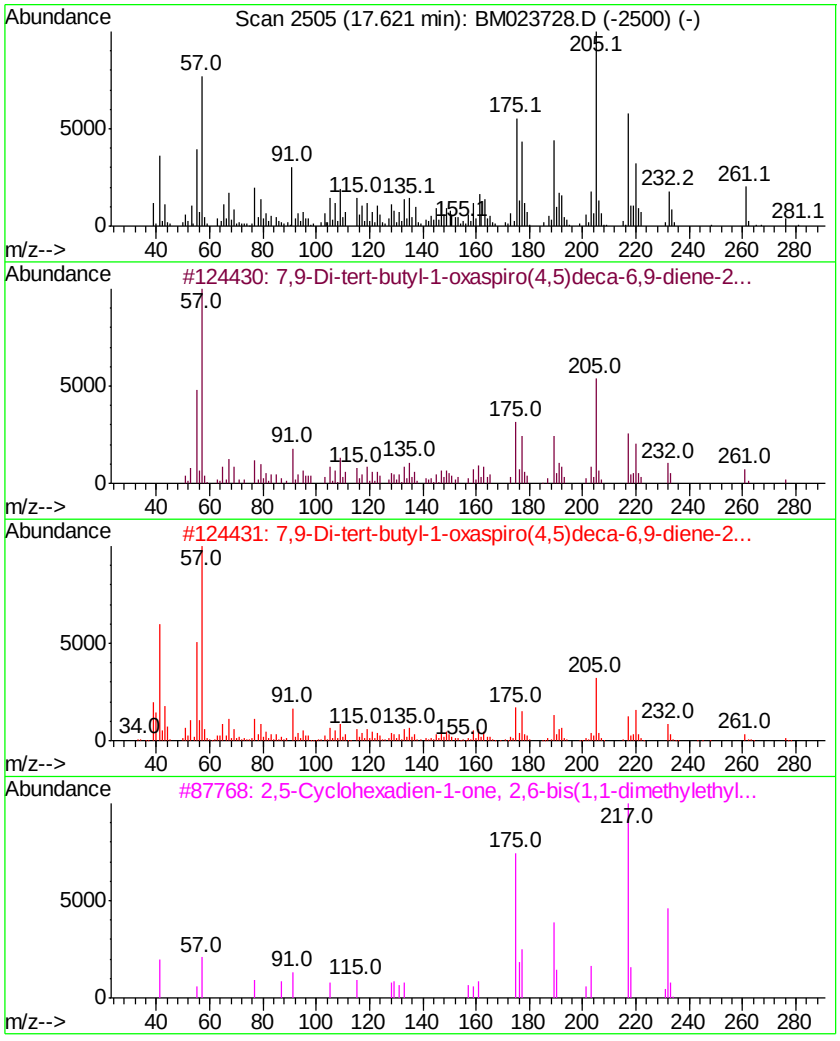
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

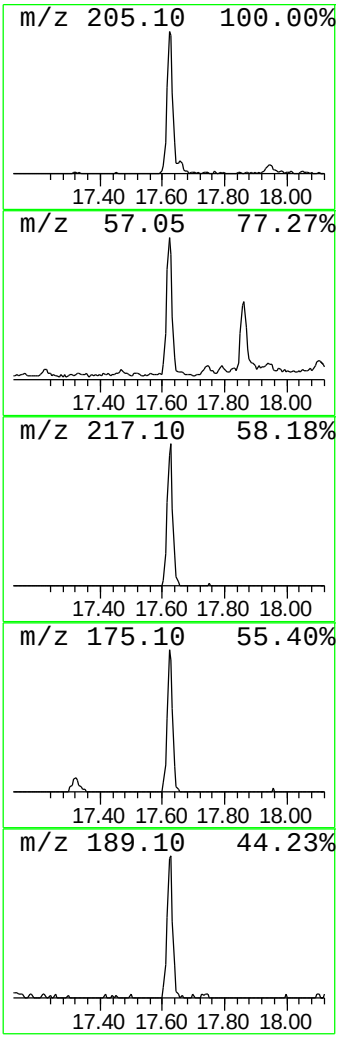
****

Peak Number 1 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	2.68 ng/ul	577597	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	97
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	70
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	46
5	Benzenethanol, O,.beta.,.beta.,2...	220	C15H24O	1000128-94-8	44





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023728.D
Acq On : 14 Nov 2019 22:05
Operator : JU
Sample : K5700-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGZ1

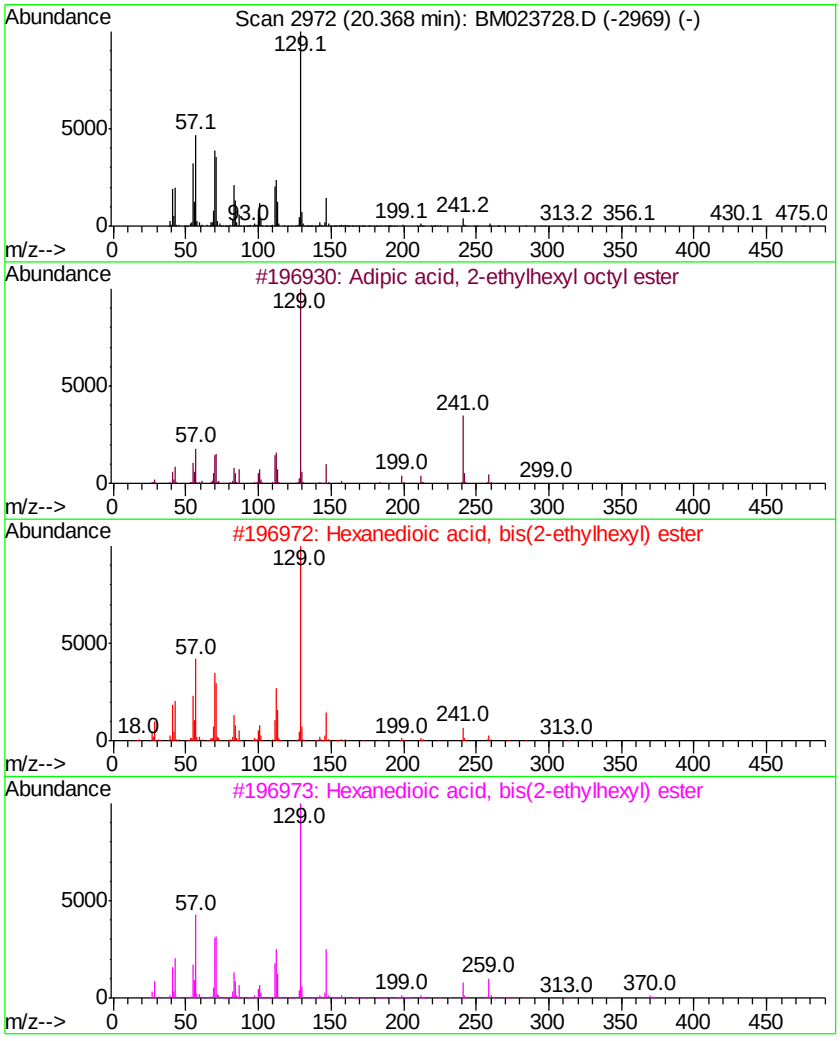
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

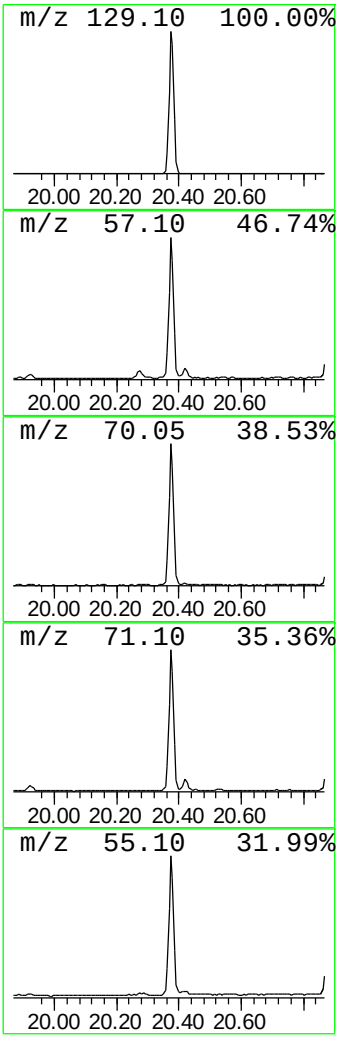
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Adipic acid, 2-ethylhexyl o... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	11.12 ng/ul	2755660	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	90
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	86
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	83
5	Diisooctyl adipate	370	C22H42O4	001330-86-5	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023728.D
Acq On : 14 Nov 2019 22:05
Operator : JU
Sample : K5700-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGZ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

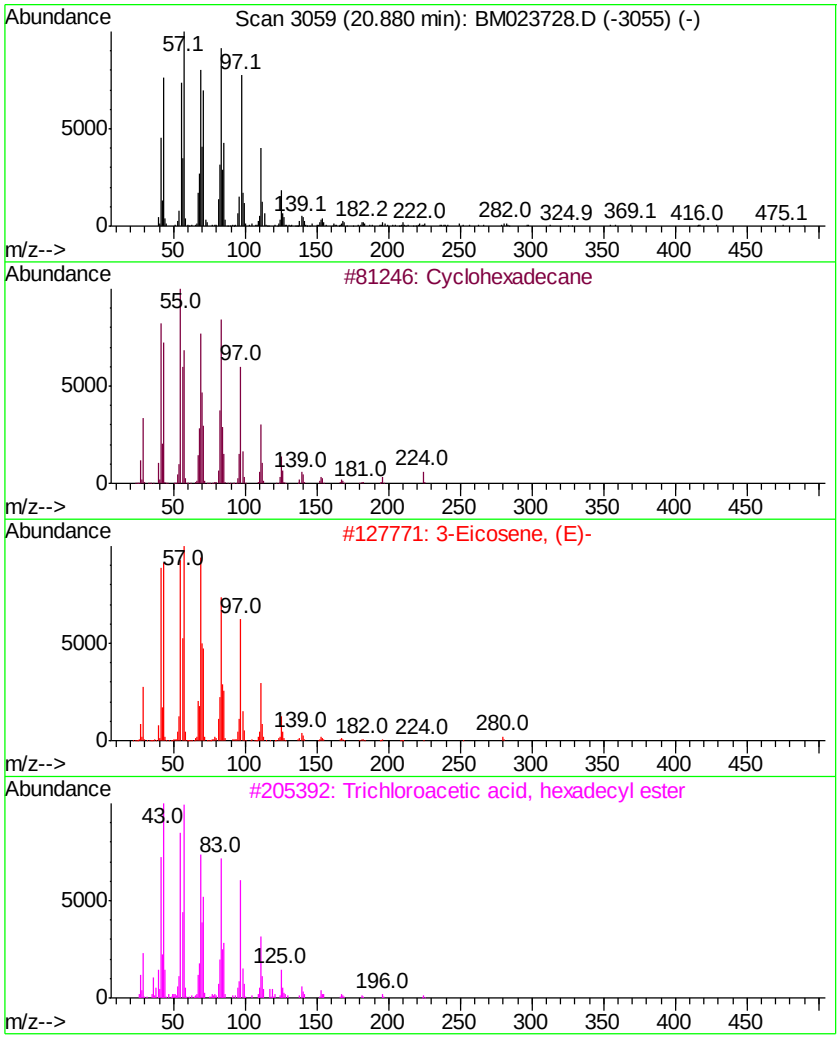
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

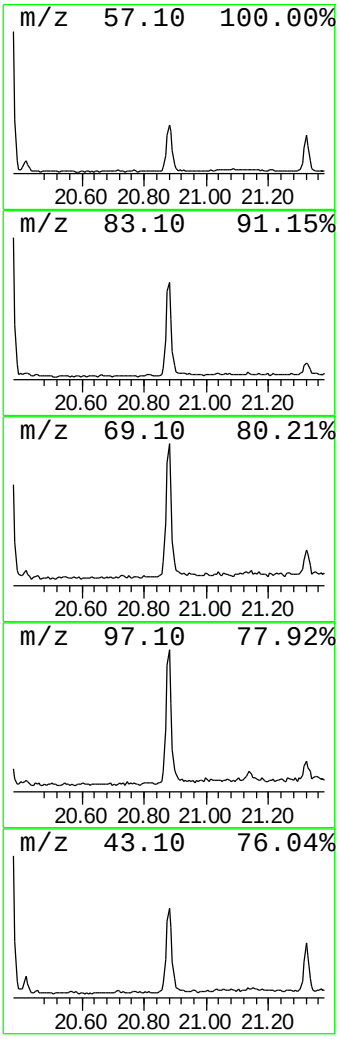
****

Peak Number 3 (DEL) Alkane: Cyclic20.88 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	3.55 ng/ul	880869	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	99
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	99
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BEGZ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

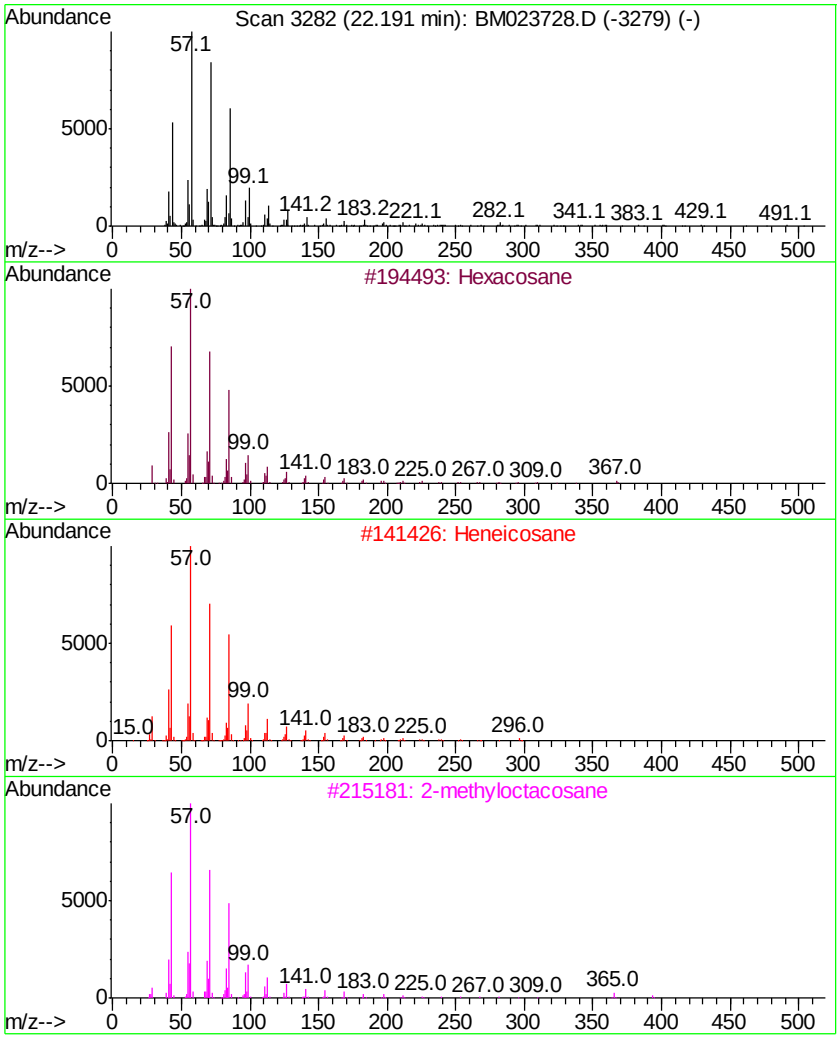
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

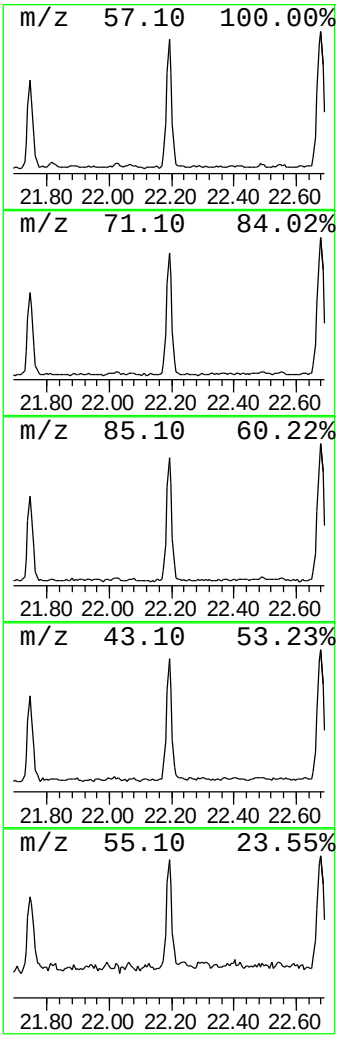
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	2.40 ng/ul	595563	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023728.D
Acq On : 14 Nov 2019 22:05
Operator : JU
Sample : K5700-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGZ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

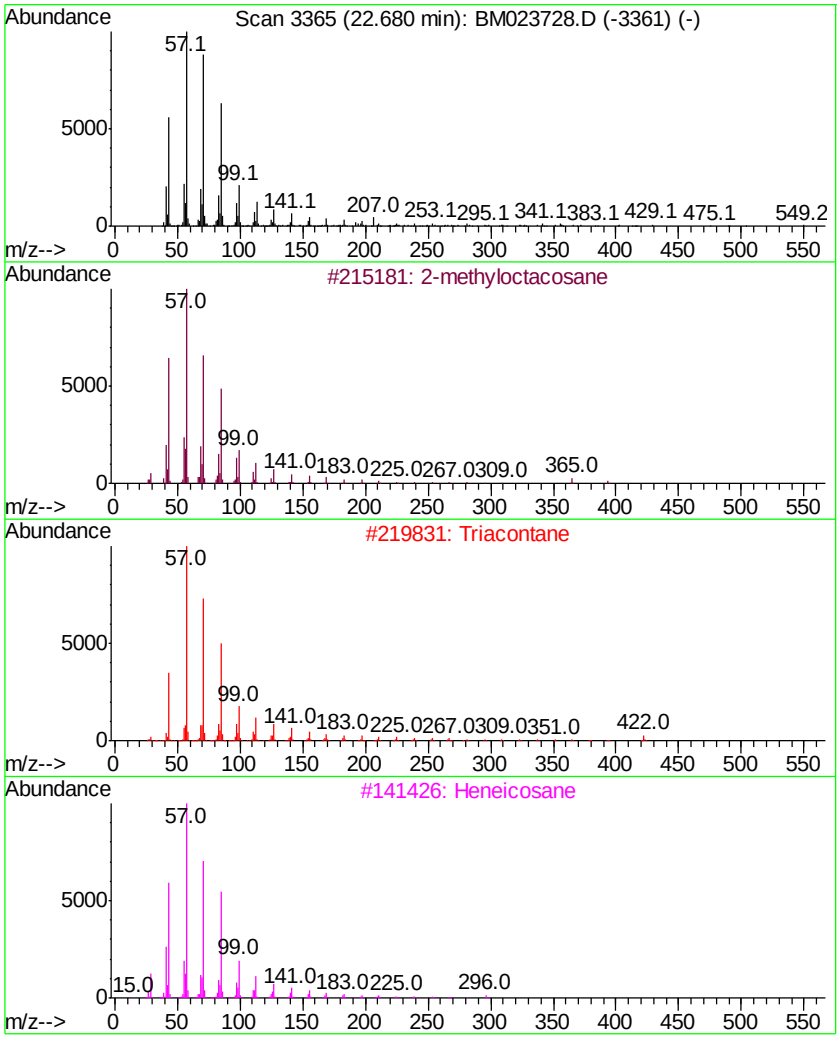
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

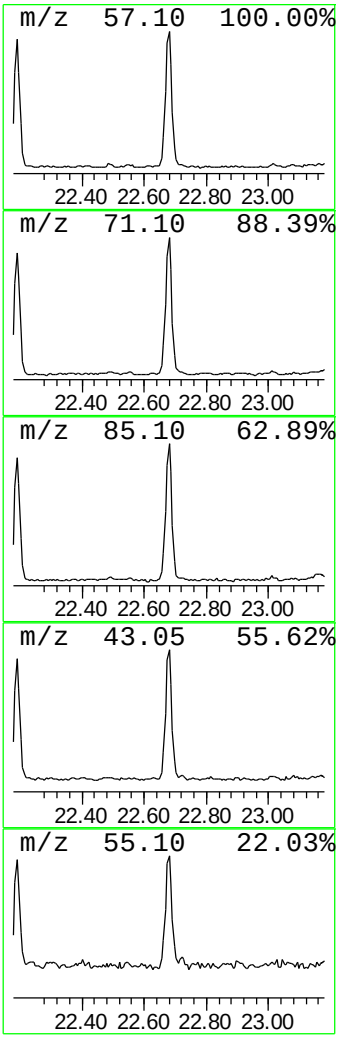
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.68	3.11 ng/ul	803504	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptacosane	380	C27H56	000593-49-7	91





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Data File : BM023728.D
Acq On : 14 Nov 2019 22:05
Operator : JU
Sample : K5700-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGZ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

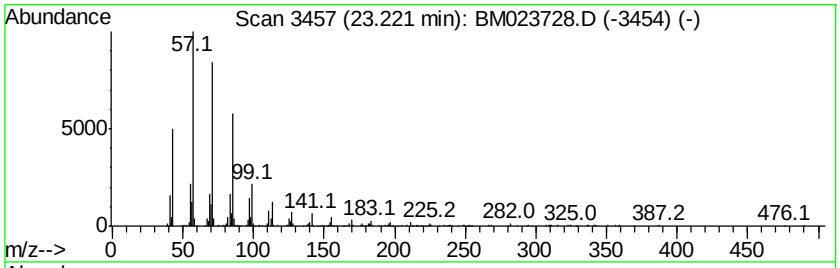
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

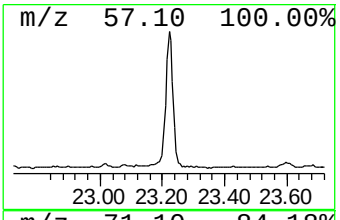
****

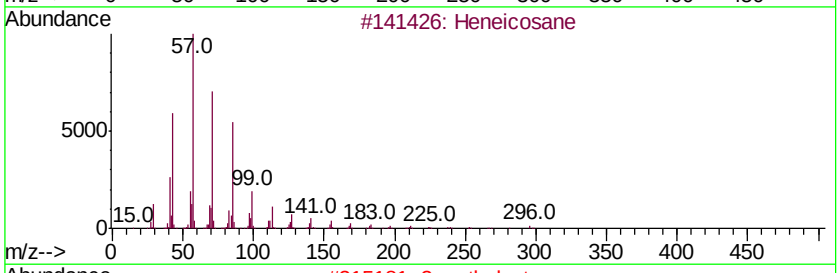
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

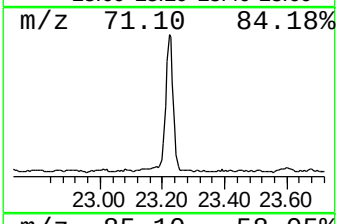
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	3.55 ng/ul	918272	Perylene-d12	23.30

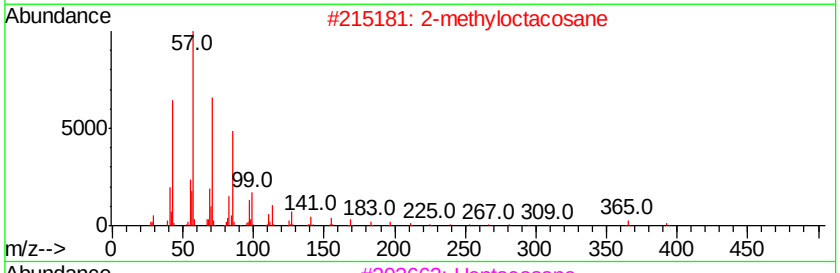
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
5	Triacontane	422	C30H62	000638-68-6	91

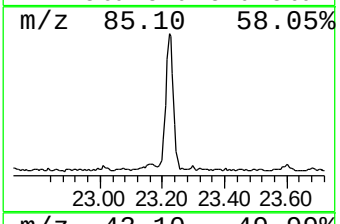


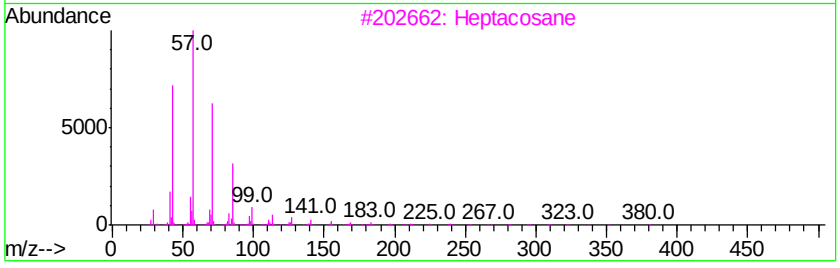


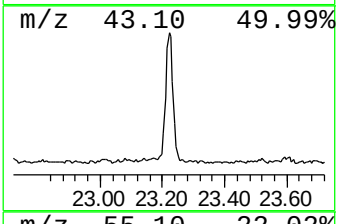


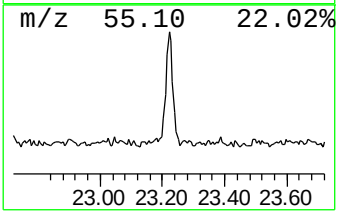












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111419\
Data File : BM023728.D
Acq On : 14 Nov 2019 22:05
Operator : JU
Sample : K5700-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGZ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA 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
7,9-Di-tert-butyl...	17.62	2.7	ng/ul	577597	4	16.94	4315660	20.0
Adipic acid, 2-et...	20.37	11.1	ng/ul	2755660	5	21.14	4955720	20.0
(DEL) Alkane: Cyc...	20.88	3.5	ng/ul	880869	5	21.14	4955720	20.0
(DEL) Alkane: Str...	22.19	2.4	ng/ul	595563	5	21.14	4955720	20.0
(DEL) Alkane: Str...	22.68	3.1	ng/ul	803504	6	23.30	5172070	20.0
(DEL) Alkane: Str...	23.22	3.5	ng/ul	918272	6	23.30	5172070	20.0