LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
Data File : BP004320.D
Acq On : 16 Dec 2020 12:42
Operator : CG/JU
Sample : L5101-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0FW6

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_P\METHODS\SOM-EPA-BP121020MA.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	5.170	331	337	348	rVB	688562	1056095	12.26%	1.019%
2	6.999	643	648	661	rVB2	260692	486270	5.64%	0.469%
3	7.169	671	677	688	rVB	788558	1273675	14.78%	1.229%
4	7.369	705	711	722	rVB	902054	1508800	17.51%	1.456%
5	7.558	740	743	748	rVB2	16192	24178	0.28%	0.023%
6	7.728	766	772	779	rVB	205769	337448	3.92%	0.326%
7	7.840	784	791	793	rVV	896061	1432811	16.63%	1.383%
8	7.875	793	797	809	rVB	1252320	2016443	23.40%	1.946%
9	8.193	843	851	861	rVB	5009193	8437533	97.92%	8.144%
10	8.540	903	910	922	rVB	722148	1178146	13.67%	1.137%
11	8.652	927	929	937	rVB6	7030	12843	0.15%	0.012%
12	8.993	979	987	990	rBV	984910	1690062	19.61%	1.631%
13	9.040	990	995	1012	rVB	2730454	4546442	52.76%	4.388%
14	9.328	1040	1044	1050	rVB4	11654	20798	0.24%	0.020%
15	9.434	1056	1062	1069	rVB2	29337	68807	0.80%	0.066%
16	9.652	1093	1099	1103	rBV4	21114	36941	0.43%	0.036%
17	9.716	1103	1110	1124	rVB	823877	1504518	17.46%	1.452%
18	10.252	1193	1201	1209	rBV	1248626	2168720	25.17%	2.093%
19	10.322	1209	1213	1218	rVV3	20783	35218	0.41%	0.034%
20	10.375	1218	1222	1225	rVV4	10311	16310	0.19%	0.016%
21	10.410	1225	1228	1234	rVB3	18508	29962	0.35%	0.029%
22	10.499	1236	1243	1258	rVB	2513908	4222326	49.00%	4.075%
23	10.634	1258	1266	1273	rBV	1248860	2096875	24.33%	2.024%
24	10.769	1280	1289	1298	rVB	99940	198454	2.30%	0.192%
25	11.016	1324	1331	1339	rBV	1556735	2669576	30.98%	2.577%
26	11.234	1361	1368	1382	rVB	2134099	3541400	41.10%	3.418%
27	11.446	1396	1404	1414	rBV	462842	838349	9.73%	0.809%
28	11.587	1421	1428	1432	rVB9	3950	8848	0.10%	0.009%
29	11.722	1447	1451	1455	rVB3	9569	11974	0.14%	0.012%
30	11.928	1480	1486	1497	rBV	124021	238578	2.77%	0.230%
31	12.222	1530	1536	1542	rVB2	22235	38314	0.44%	0.037%
32	12.440	1568	1573	1579	rVB10	4639	9762	0.11%	0.009%
33	12.616	1595	1603	1608	rBV	153698	276172	3.20%	0.267%
34	12.669	1608	1612	1621	rVB	108376	174898	2.03%	0.169%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
Data File : BP004320.D
Acq On : 16 Dec 2020 12:42
Operator : CG/JU
Sample : L5101-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0FW6

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_P\METHODS\SOM-EPA-BP121020MA.M
Title : SVOA CALIBRATION

35	12.899	1645	1651	1661	rVB6	41827	92138	1.07%	0.089%
36	12.993	1661	1667	1672	rVB8	7940	15183	0.18%	0.015%
37	13.057	1672	1678	1686	rBV	84487	137491	1.60%	0.133%
38	13.281	1709	1716	1726	rVV	890575	1408735	16.35%	1.360%
39	13.381	1728	1733	1739	rVV3	78419	159479	1.85%	0.154%
40	13.440	1739	1743	1747	rVV4	53193	92832	1.08%	0.090%
41	13.493	1747	1752	1759	rVV2	130868	223036	2.59%	0.215%
42	13.551	1759	1762	1767	rVB6	7564	12973	0.15%	0.013%
43	13.887	1811	1819	1825	rBV	2627786	4023078	46.69%	3.883%
44	13.940	1825	1828	1836	rVV3	119355	219044	2.54%	0.211%
45	14.004	1838	1839	1851	rVB3	9344	13568	0.16%	0.013%
46	14.175	1853	1868	1876	rBV	3053861	4590643	53.27%	4.431%
47	14.240	1876	1879	1881	rVV4	8534	11601	0.13%	0.011%
48	14.275	1881	1885	1893	rVB8	21906	37011	0.43%	0.036%
49	14.387	1900	1904	1908	rVB4	8790	15337	0.18%	0.015%
50	14.487	1911	1921	1934	rVB	1907091	2891606	33.56%	2.791%
51	14.610	1937	1942	1944	rVV6	6715	9521	0.11%	0.009%
52	14.681	1944	1954	1963	rVV	299479	493234	5.72%	0.476%
53	14.757	1963	1967	1971	rVV	32206	49318	0.57%	0.048%
54	14.810	1971	1976	1986	rVB2	27659	47891	0.56%	0.046%
55	14.969	1997	2003	2008	rBV3	72146	118329	1.37%	0.114%
56	15.116	2024	2028	2033	rVB4	11915	18058	0.21%	0.017%
57	15.228	2042	2047	2055	rVB	57202	81150	0.94%	0.078%
58	15.351	2065	2068	2074	rBV8	4960	8899	0.10%	0.009%
59	15.481	2083	2090	2097	rBV	3813558	5649364	65.56%	5.453%
60	15.610	2105	2112	2125	rBV	1279381	1806309	20.96%	1.743%
61	15.722	2125	2131	2136	rVB2	46945	71656	0.83%	0.069%
62	15.987	2171	2176	2183	rBV6	13861	29105	0.34%	0.028%
63	16.057	2184	2188	2192	rBV6	22966	36124	0.42%	0.035%
64	16.204	2210	2213	2216	rBV4	11769	14337	0.17%	0.014%
65	16.275	2220	2225	2231	rVB2	46793	71728	0.83%	0.069%
66	16.463	2251	2257	2268	rBV4	63377	109394	1.27%	0.106%
67	16.604	2275	2281	2283	rBV6	4201	8969	0.10%	0.009%
68	16.634	2283	2286	2293	rVB6	26377	37663	0.44%	0.036%
69	16.798	2310	2314	2324	rVB7	26538	48495	0.56%	0.047%
70	16.898	2327	2331	2334	rBV6	12617	22190	0.26%	0.021%
71	17.010	2345	2350	2351	rBV5	12589	18947	0.22%	0.018%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
Data File : BP004320.D
Acq On : 16 Dec 2020 12:42
Operator : CG/JU
Sample : L5101-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0FW6

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_P\METHODS\SOM-EPA-BP121020MA.M
Title : SVOA CALIBRATION

72	17.040	2351	2355	2360	rVB2	23324	39364	0.46%	0.038%
73	17.245	2382	2390	2397	rBV	2409086	3361965	39.02%	3.245%
74	17.345	2400	2407	2418	rBV	4626987	6599307	76.58%	6.370%
75	17.439	2418	2423	2427	rBV6	28557	48620	0.56%	0.047%
76	17.481	2427	2430	2433	rBV2	19448	23461	0.27%	0.023%
77	17.610	2446	2452	2458	rBV3	17492	28720	0.33%	0.028%
78	17.863	2486	2495	2502	rBV	33745	69693	0.81%	0.067%
79	17.969	2509	2513	2518	rVB6	29835	43447	0.50%	0.042%
80	18.134	2537	2541	2548	rBV2	60955	100974	1.17%	0.097%
81	18.204	2548	2553	2560	rVB2	67960	113292	1.31%	0.109%
82	18.316	2569	2572	2580	rBV9	15519	25149	0.29%	0.024%
83	18.598	2610	2620	2626	rBV	1721110	2410923	27.98%	2.327%
84	18.669	2630	2632	2636	rVV4	26437	36180	0.42%	0.035%
85	18.716	2636	2640	2648	rVB3	83536	125290	1.45%	0.121%
86	18.886	2665	2669	2670	rBV3	33492	42406	0.49%	0.041%
87	18.916	2671	2674	2678	rVB2	76754	96410	1.12%	0.093%
88	19.039	2692	2695	2698	rBV5	24042	26810	0.31%	0.026%
89	19.234	2725	2728	2733	rVB	57132	70230	0.82%	0.068%
90	19.481	2766	2770	2774	rVB	45329	63832	0.74%	0.062%
91	19.592	2782	2789	2798	rBV	5783338	8205308	95.22%	7.920%
92	21.057	3034	3038	3045	rBV2	259391	449565	5.22%	0.434%
93	21.339	3081	3086	3092	rBV	3094547	3967298	46.04%	3.829%
94	23.557	3456	3463	3479	rVB	4207679	8617036	100.00%	8.317%
95	23.710	3482	3489	3500	rVB	2050971	4135690	47.99%	3.992%

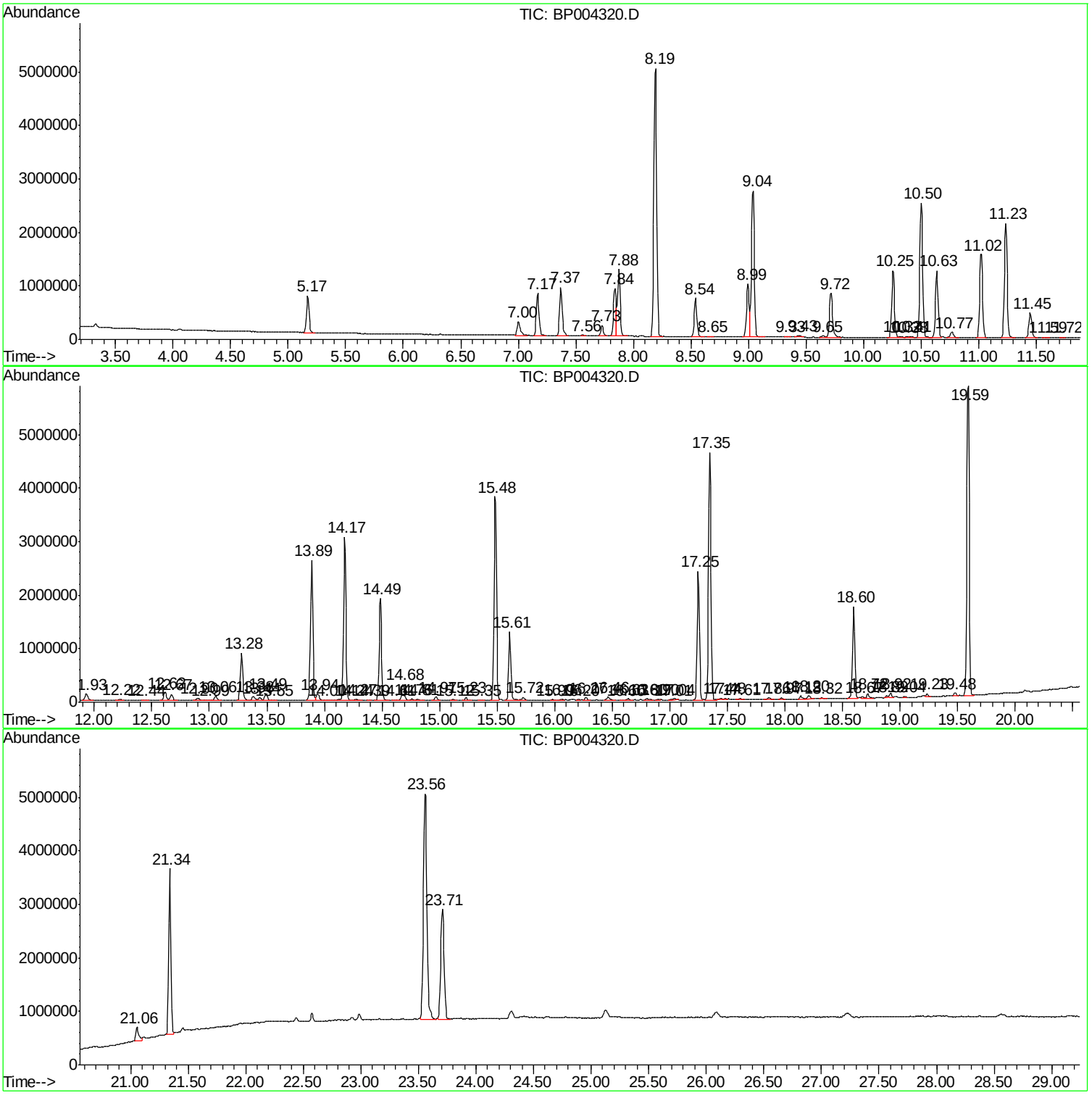
Sum of corrected areas: 103602952

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
Data File : BP004320.D
Acq On : 16 Dec 2020 12:42
Operator : CG/JU
Sample : L5101-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0FW6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
Data File : BP004320.D
Acq On : 16 Dec 2020 12:42
Operator : CG/JU
Sample : L5101-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0FW6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

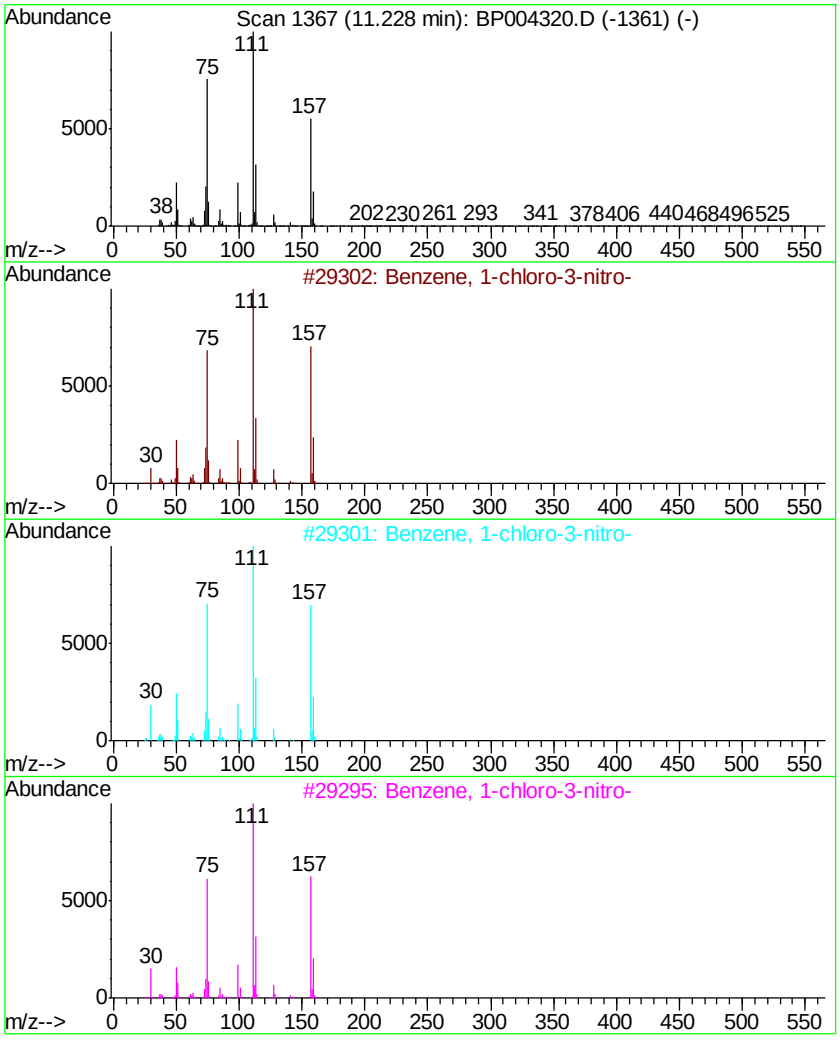
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

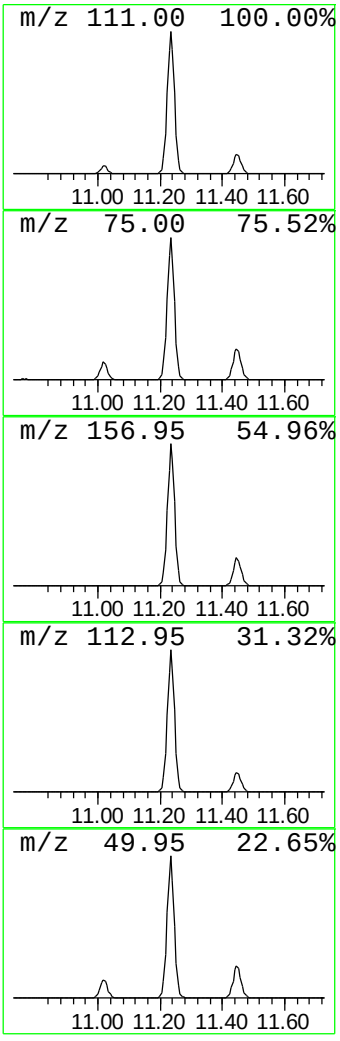
****

Peak Number 6 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	33.78 ng/ul	3541400	Naphthalene-d8	10.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	98
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	94
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
Data File : BP004320.D
Acq On : 16 Dec 2020 12:42
Operator : CG/JU
Sample : L5101-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0FW6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

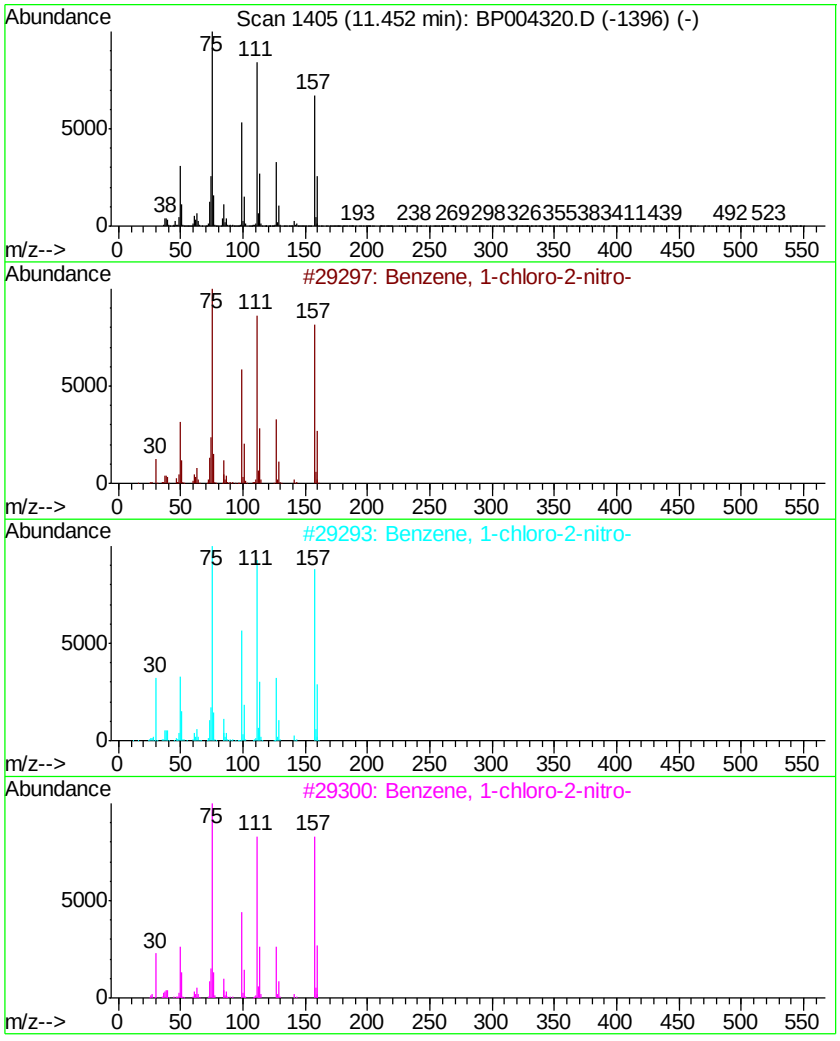
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

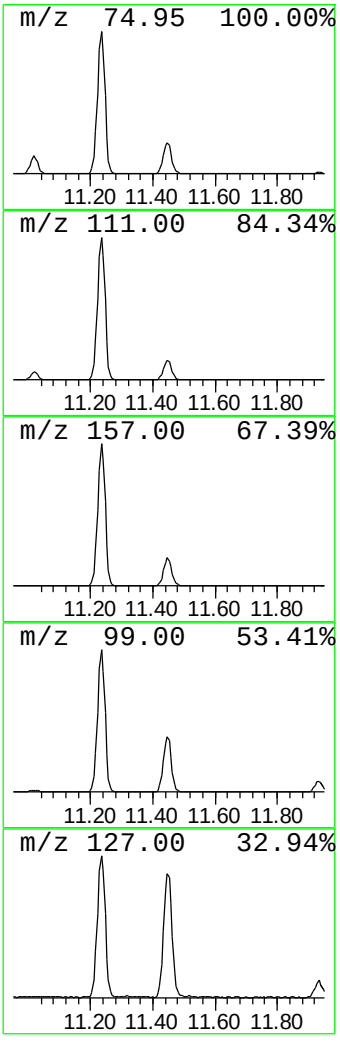
****

Peak Number 7 Benzene, 1-chloro-2-nitro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	8.00 ng/ul	838349	Naphthalene-d8	10.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	99
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	98
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
Data File : BP004320.D
Acq On : 16 Dec 2020 12:42
Operator : CG/JU
Sample : L5101-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0FW6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

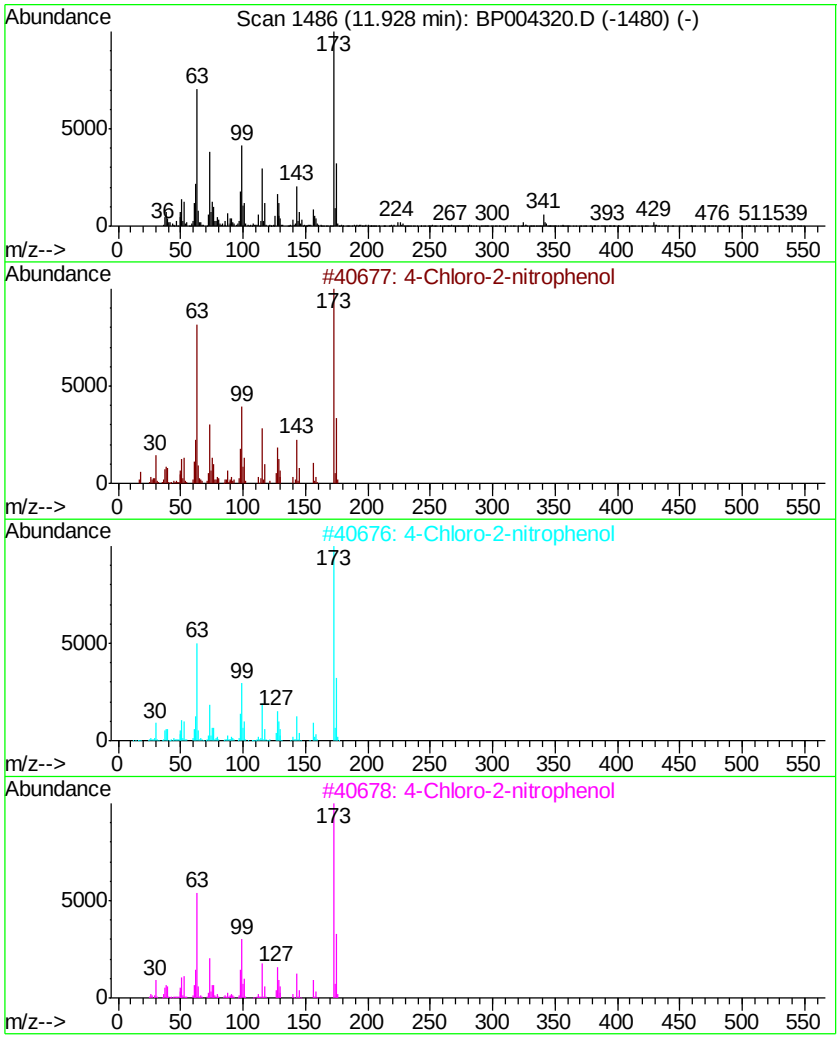
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

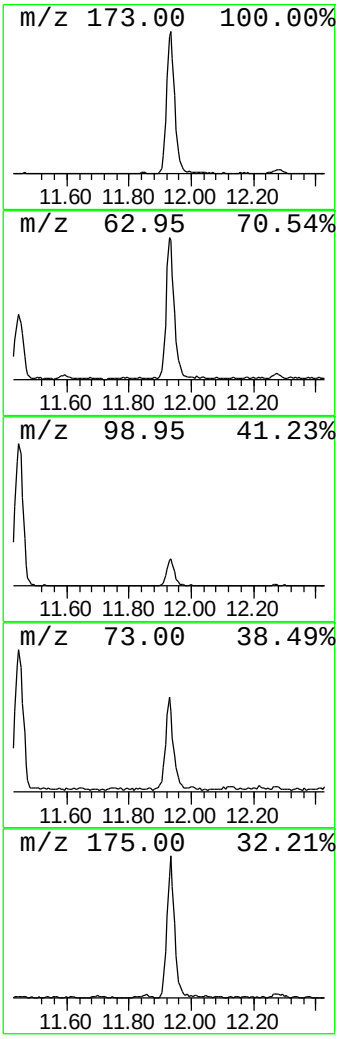
****

Peak Number 8 4-Chloro-2-nitrophenol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.28 ng/ul	238578	Naphthalene-d8	10.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	99
2	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	94
3	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	94
4	2-Quinolinecarboxaldehyde, 8-hyd...	173	C10H7NO2	014510-06-6	59
5	Propane, 1,1,2-trichloro-	146	C3H5Cl3	000598-77-6	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
Data File : BP004320.D
Acq On : 16 Dec 2020 12:42
Operator : CG/JU
Sample : L5101-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0FW6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

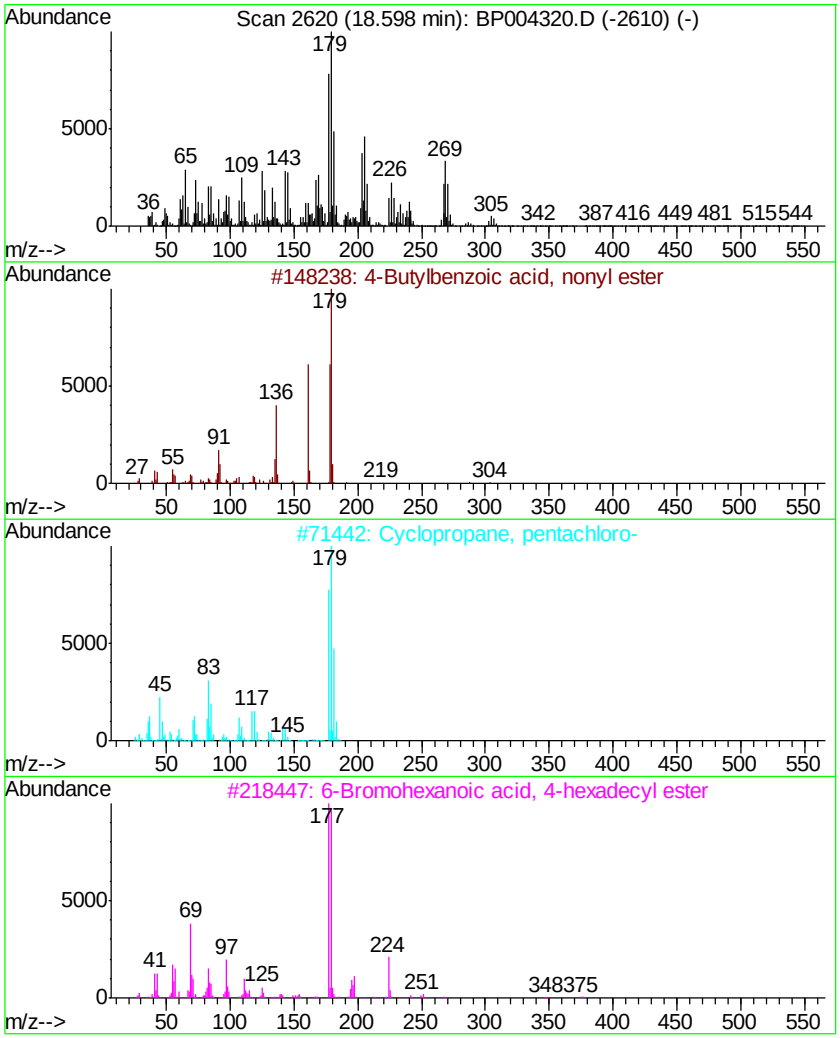
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

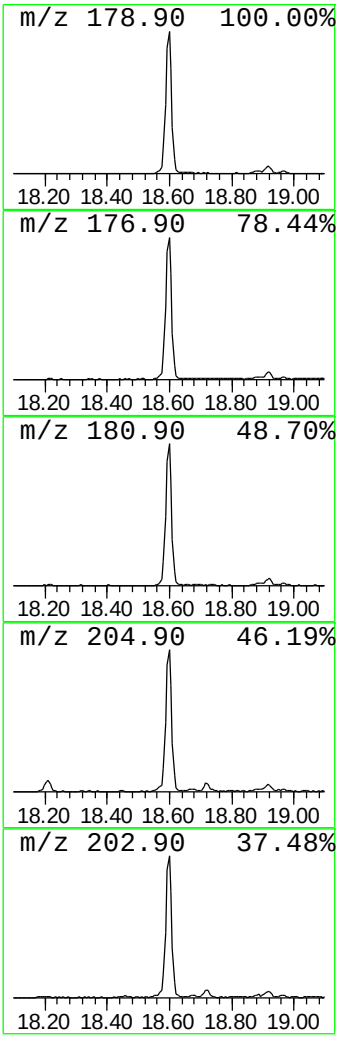
****

Peak Number 9 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	14.34 ng/ul	2410920	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Butylbenzoic acid, nonyl ester	304	C20H32O2	1000292-20-6	44
2	Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	43
3	6-Bromohexanoic acid, 4-hexadecy...	418	C22H43BrO2	1000282-90-6	38
4	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	30
5	4-Chloro-3-quinolinol	179	C9H6ClNO	032435-60-2	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
Data File : BP004320.D
Acq On : 16 Dec 2020 12:42
Operator : CG/JU
Sample : L5101-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0FW6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

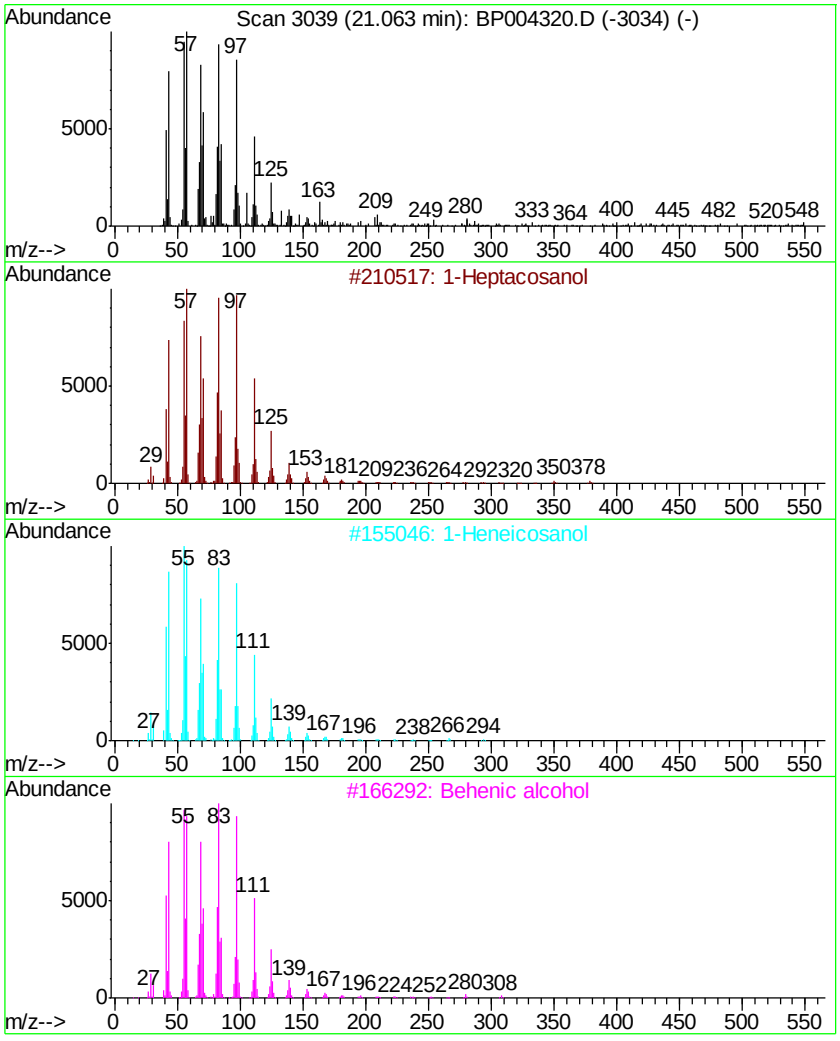
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

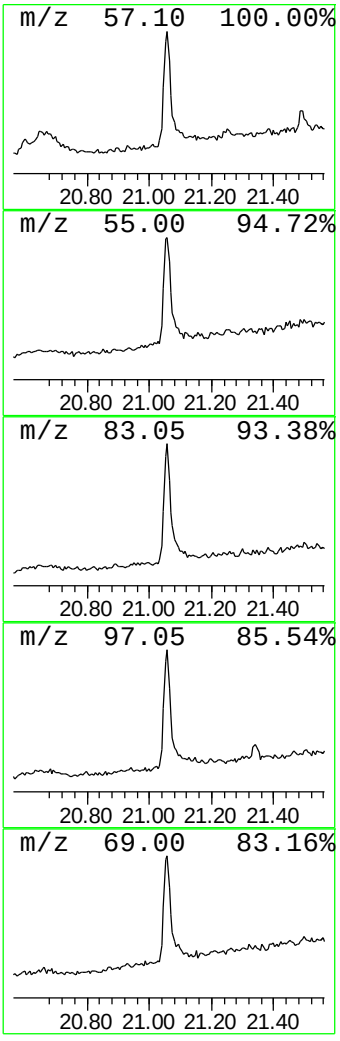
****

Peak Number 10 1-Heptacosanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.27 ng/ul	449565	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121620\
Data File : BP004320.D
Acq On : 16 Dec 2020 12:42
Operator : CG/JU
Sample : L5101-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0FW6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.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
Benzene, 1-chloro...	11.23	33.8	ng/ul	3541400	2	10.63	2096880	20.0
Benzene, 1-chloro...	11.45	8.0	ng/ul	838349	2	10.63	2096880	20.0
4-Chloro-2-nitrop...	11.93	2.3	ng/ul	238578	2	10.63	2096880	20.0
unknown-01	18.60	14.3	ng/ul	2410920	4	17.25	3361970	20.0
1-Heptacosanol	21.06	2.3	ng/ul	449565	5	21.34	3967300	20.0