LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064612.D
Acq On : 28 Oct 2025 21:59
Operator : RC/JU
Sample : Q3460-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-1

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_G\Methods\8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064612.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.196	11	18	27	rBV5	19538	53284	2.53%	0.352%
2	3.278	27	32	50	rVB	376518	719835	34.13%	4.757%
3	5.270	365	371	377	rVB	15194	24063	1.14%	0.159%
4	5.746	444	452	463	rVB	634030	1036594	49.15%	6.850%
5	7.350	716	725	737	rBV	632766	1087944	51.58%	7.190%
6	8.214	863	872	879	rBV	173089	303416	14.39%	2.005%
7	9.377	1059	1070	1079	rBV	368825	657317	31.16%	4.344%
8	11.040	1345	1353	1361	rBV	239742	440695	20.89%	2.912%
9	13.466	1759	1766	1774	rBV	1028209	1581447	74.98%	10.451%
10	14.565	1947	1953	1959	rBV	14595	26400	1.25%	0.174%
11	14.835	1992	1999	2007	rVB	404719	650886	30.86%	4.301%
12	16.181	2222	2228	2234	rVB	134773	195530	9.27%	1.292%
13	16.310	2244	2250	2262	rBV	842257	1302280	61.74%	8.606%
14	16.745	2319	2324	2330	rVB2	27926	39509	1.87%	0.261%
15	17.321	2417	2422	2427	rBV7	14966	26414	1.25%	0.175%
16	17.573	2459	2465	2470	rBV	524212	806425	38.23%	5.329%
17	17.620	2470	2473	2477	rVB2	49627	64916	3.08%	0.429%
18	18.449	2608	2614	2619	rBV2	144544	205645	9.75%	1.359%
19	18.643	2640	2647	2651	rBV3	18185	35138	1.67%	0.232%
20	19.612	2806	2812	2818	rVB	157395	238643	11.31%	1.577%
21	19.712	2824	2829	2834	rBV2	52775	76881	3.65%	0.508%
22	19.859	2851	2854	2862	rVB9	12886	23561	1.12%	0.156%
23	19.971	2862	2873	2880	rBV	164046	300273	14.24%	1.984%
24	20.164	2896	2906	2916	rBV	1578191	2109175	100.00%	13.939%
25	20.969	3040	3043	3047	rVB	33130	40087	1.90%	0.265%
26	21.486	3126	3131	3140	rVB5	80340	189958	9.01%	1.255%
27	21.845	3183	3192	3198	rBV3	497639	990911	46.98%	6.549%
28	21.892	3198	3200	3209	rVB2	80522	122640	5.81%	0.810%
29	22.062	3223	3229	3234	rBV2	53649	92761	4.40%	0.613%
30	22.697	3332	3337	3344	rVB4	38021	87449	4.15%	0.578%
31	23.431	3458	3462	3467	rVB	25401	48841	2.32%	0.323%
32	24.130	3574	3581	3587	rBV	67830	195710	9.28%	1.293%
33	24.877	3702	3708	3715	rVB3	50581	134693	6.39%	0.890%
34	25.023	3726	3733	3745	rVB3	74599	222101	10.53%	1.468%
35	25.188	3751	3761	3769	rBV	283203	820152	38.88%	5.420%
36	29.013	4403	4412	4421	rBV2	34796	120506	5.71%	0.796%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	30.194	4605	4613	4614	rBV2	28614	59672	2.83%	0.394%

Sum of corrected areas: 15131752

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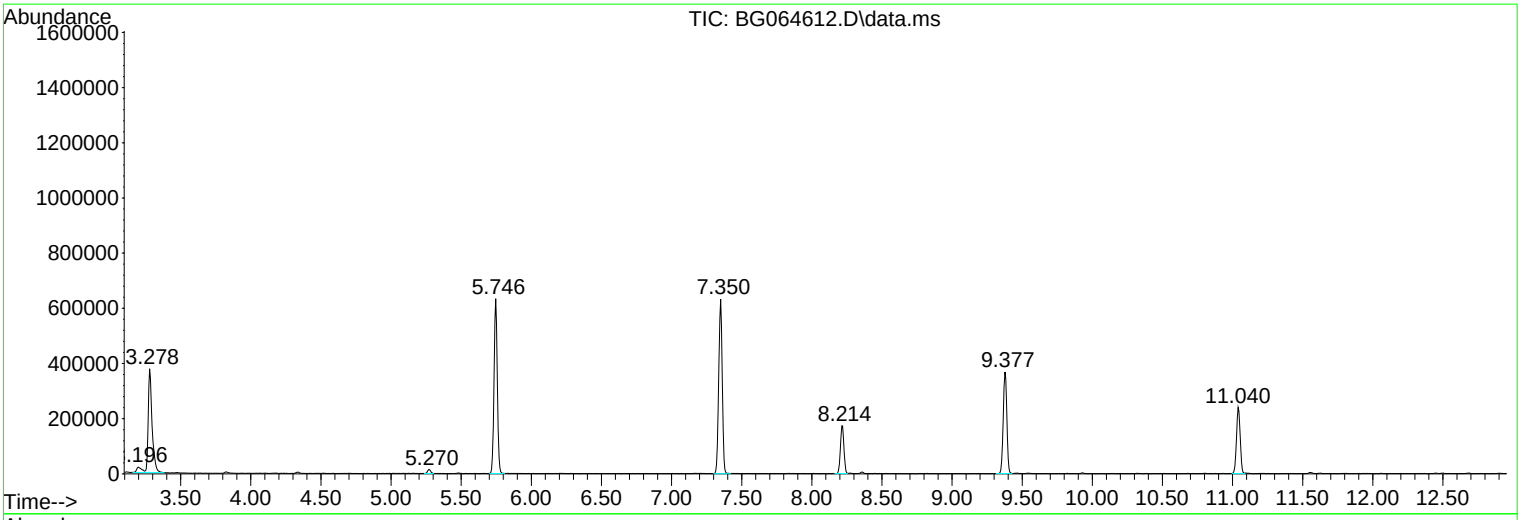
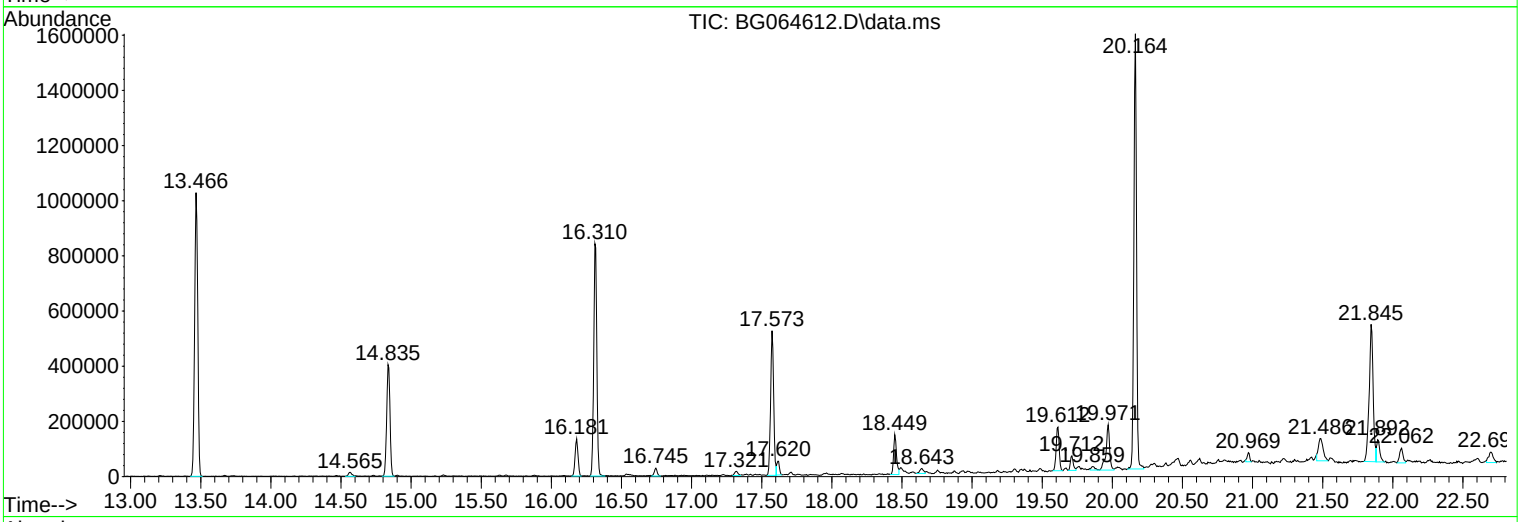
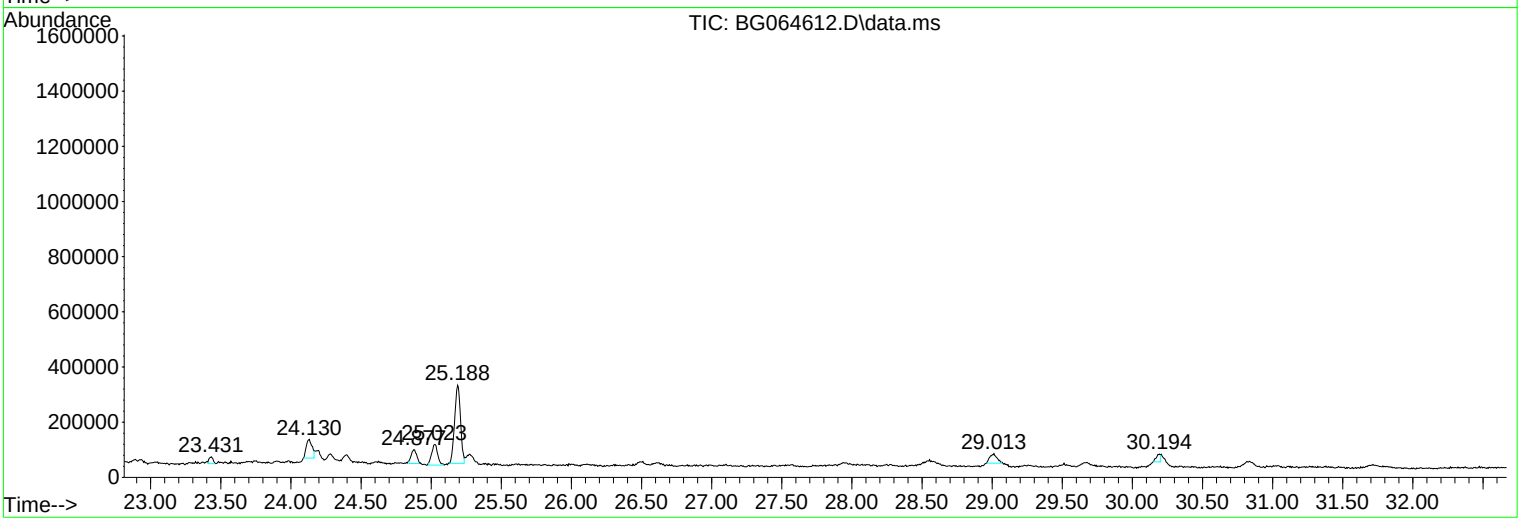
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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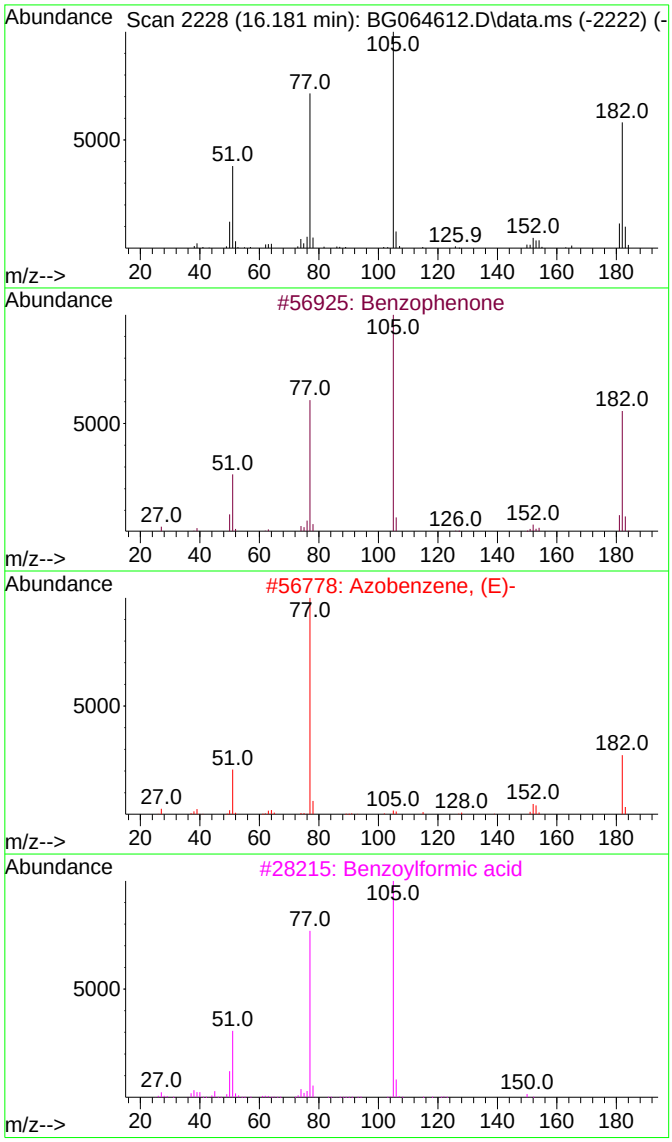
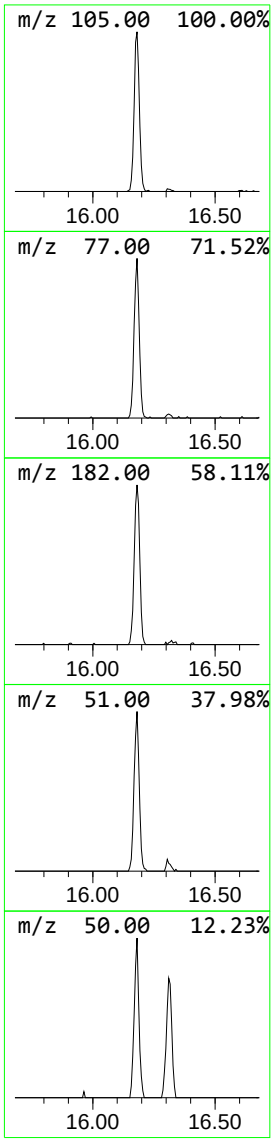
Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.181	6.01 ng	195530	Acenaphthene-d10	14.835

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Azobenzene, (E)-	182	C12H10N2	017082-12-1	64
3	Benzoylformic acid	150	C8H6O3	000611-73-4	50
4	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	45
5	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	43





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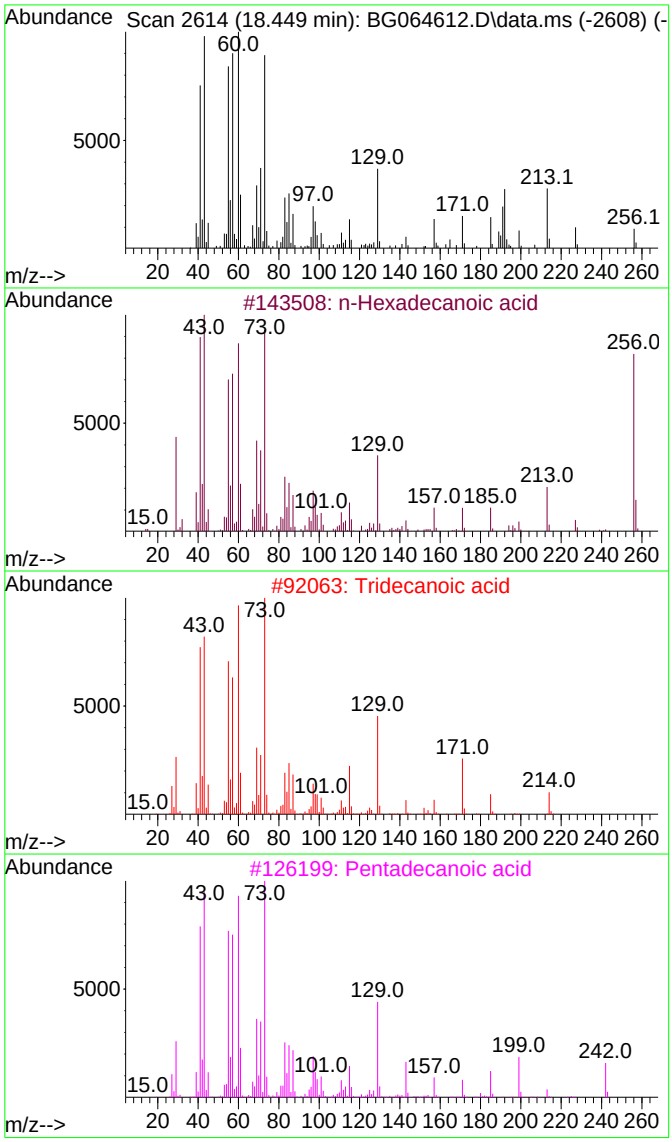
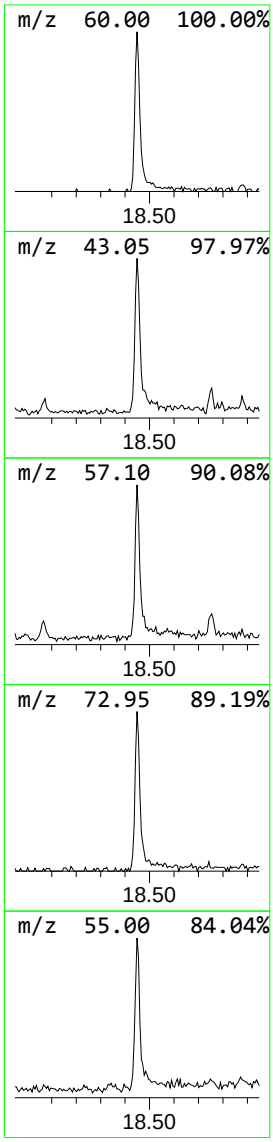
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.449	5.10 ng	205645	Phenanthrene-d10	17.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5	Octanoic acid	144	C8H16O2	000124-07-2	45





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
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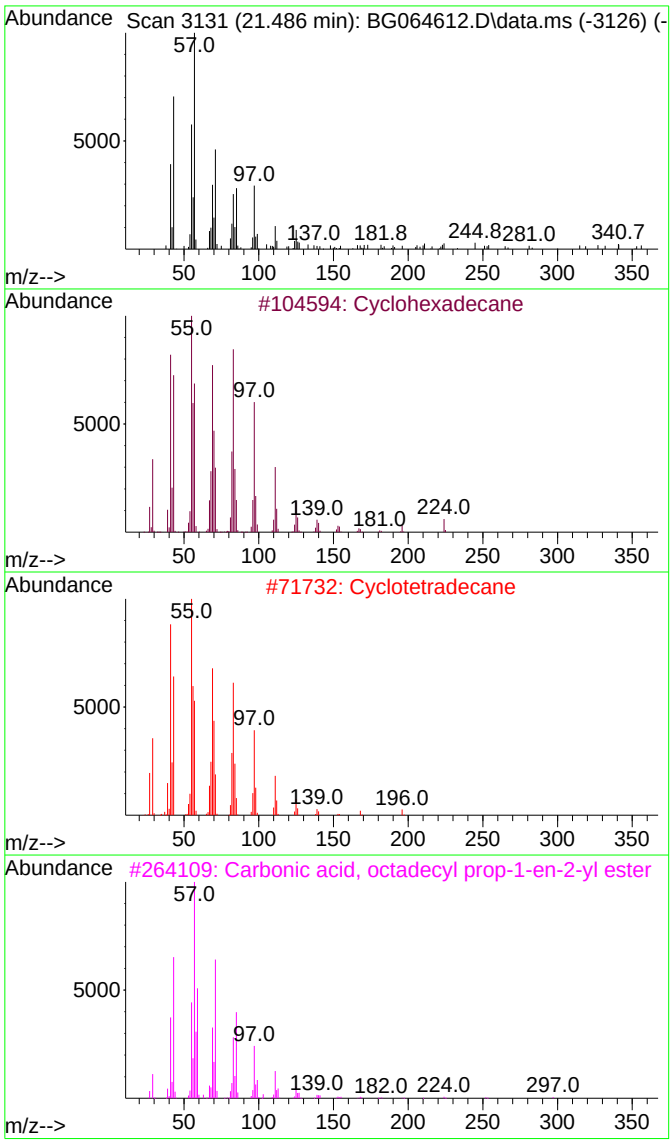
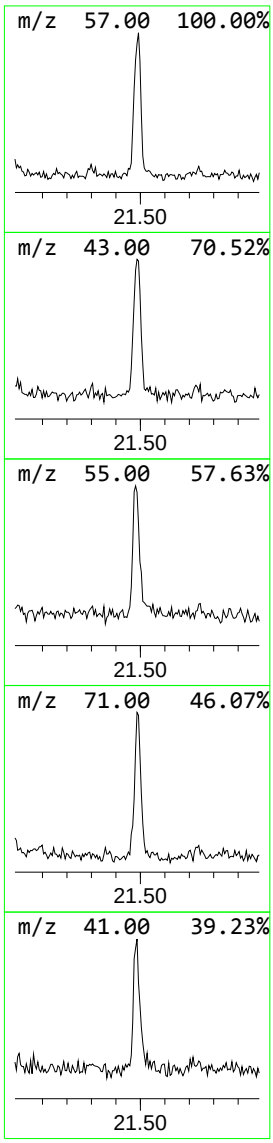
Peak Number 5 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.486	3.83 ng	189958	Chrysene-d12	21.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Cyclotetradecane	196	C14H28	000295-17-0	80
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	74
4	Dodecane	170	C12H26	000112-40-3	60
5	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	58





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	16.181	6.0	ng	195530	3	14.835	650886	20.0
n-Hexadecanoic ...	18.449	5.1	ng	205645	4	17.573	806425	20.0
Cyclohexadecane	21.486	3.8	ng	189958	5	21.845	990911	20.0